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INTERIM SITE MANAGEMENT PLAN

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

Prepared for

Unisys Corporation

3199 Pilot Knob Road

Eagan, MN 55121

Prepared by

Geosyntec Consultants, Inc. and Its Affiliate
B & B Engineers & Geologists of New York, P.C.

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Project Number MN0832J
Document Number MD23051

September 2023

Former Sperry Remington - North Portion

CHEMUNG COUNTY

ELMIRA, NEW YORK

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Revisions to Final Approved Site Management Plan:

Revision No.	Date Submitted	Summary of Revision	NYSDEC Approval Date
1	9/29/2023	1. Addition of annual SSDS stack sampling for VOCs and quarterly floor crack inspections 2. Update cover maintenance protocol 3. Update Site contact information	

DECEMBER 2019

CERTIFICATION STATEMENT

I ARON KRASNOPOLER certify that I am currently a NYS registered professional engineer as in defined in 6 NYCRR Part 375 and that this Interim Site Management Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

_____ P.E.

29 September 2023 DATE

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Former Sperry Remington - North Portion
CHEMUNG COUNTY
ELMIRA, NEW YORK

INTERIM SITE MANAGEMENT PLAN

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AOC	Order on Consent and Administrative Settlement
BCP	Brownfields Cleanup Program
BCA	Brownfields Cleanup Agreement
BMPs	Best Management Practices
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
CFR	Code of Federal Regulations
COC	Certificate of Completion
COPC	Compound of Potential Concern
CSM	Conceptual Site Model
DER	Division of Environmental Remediation
EC	Engineering Control
ECSD	Elmira City School District
EDD	Electronic Data Deliverable
EHS	Elmira High School
ELAP	Environmental Laboratory Approval Program
EMP	Environmental Management Plan
EWP	Excavation Work Plan
GMP	Groundwater Management Plan
HASP	Health and Safety Plan
HVAC	Heating, Ventilation, and Air Conditioning
HVS	High Volume Sampling
IC	Institutional Control
IRM	Interim Remedial Measure
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
NYSED	New York State Education Department
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
PAH	Polycyclic aromatic hydrocarbons
PAOCs	Potential Areas of Concern
PCBs	Polychlorinated Biphenyls
PID	Photoionization Detector
PRR	Periodic Review Report
QAPP	Quality Assurance Project Plan
ROI	Radius of Influence
RP	Remedial Party
RSO	Remedial Site Optimization
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SED	State Education Department
SHS	Southside High School (now Elmira High School)

SMOs	Soil Management Objectives
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization
SSV	Sub-slab Venting
STCC	Southern Tier Commerce Center
SVIA	Supplemental Vapor Intrusion Assessment
SWPPP	Storm Water Pollution Prevention Plan
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
TOGS	NYSDEC Technical Operational Guidance Series
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VI	Vapor Intrusion
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

The following provides a brief summary of the controls implemented for the Site, as well as the inspections, monitoring, maintenance and reporting activities required by this interim Site Management Plan (SMP):

Site Identification: Former Sperry Remington Site - North Portion
777 South Main Street
Elmira, Chemung County, New York

Institutional Controls (ICs):	1. The property may be used for restricted residential use;	
	2. The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Chemung County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department. ECSD currently uses, and will continue to use, groundwater for non-contact cooling water without treatment. Spent non-contact cooling water is discharged to Coldbrook Creek under State Pollution Discharge Elimination System (SPDES) Discharge Permit #NY0106216.	
	3. All ECs must be inspected at a frequency and in a manner defined in the interim SMP.	
Engineering Controls (ECs):	1. Cover system	
	2. Sub-slab depressurization system.	
Inspections:		Frequency
1. Cover inspection • Permanent • Temporary		Annually Daily- during seasonal and weather influenced time periods Quarterly- until final remedy is complete
2. Non-contact Cooling Water Discharge		Monthly

Site Identification: Former Sperry Remington Site - North Portion
777 South Main Street
Elmira, Chemung County, New York

Monitoring:	
1. SSD Fan Motors	Continuous and real-time
2. Indoor Air: K-Wing Science Addition, Gymnasium, Cafeteria Addition, F-Wing, Music Wing	Annually during heating season
3. Non-contact Cooling Water Discharge	Monthly
Maintenance:	
1. Cover maintenance	As needed/Annual
2. Blower maintenance	As needed/Annual
Reporting:	
1. Certification of Institutional and ECs and Report	Annual
2. Discharge Monitoring Report	Annual

Further descriptions of the above requirements are provided in detail in the latter sections of this interim SMP. Once approved, this interim SMP will replace the Environmental Management Plan (EMP) prepared by Elmira City School District (ECSD) in 2009.

1.0 INTRODUCTION

1.1 General

On behalf of Unisys Corporation (Unisys), Geosyntec Consultants, Inc. and its New York affiliate B&B Engineers & Geologists of New York, P.C. (collectively Geosyntec) are submitting this interim Site Management Plan (SMP) for the Former Sperry Remington Site – North Portion Site (Site No. c808022) located in Elmira, New York (hereinafter referred to as the "Site"). On 26 April 2016, Unisys applied to enter the Site into the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP). NYSDEC gave an initial determination that the BCP application is complete on 10 June 2016 and received public comments until 22 July 2016. The Brownfields Cleanup Agreement (BCA) for the Site was executed on 23 March 2017. The Site is located at the Elmira High School (EHS) property (formerly known as Southside High School [SHS]), 777 South Main Street in Elmira, Chemung County, New York (see **Figure 1-1**) and is owned by the Elmira City School District (ECSD).

A figure showing the Site location and boundaries of this Site is provided in **Figure 1-2**. The boundaries of the Site are more fully described in the metes and bounds site description that is part of the Property Description provided in **Appendix A**. The necessity for an environmental easement requiring compliance with the SMP will be evaluated when a final remedy for the Site has been completed and a final SMP has been prepared.

Institutional and Engineering Controls (ICs and ECs) have been incorporated into Site management to control potential exposure to Compounds of Potential Concern (COPCs) that may be present in soil, groundwater and soil vapor on EHS property to ensure protection of public health and the environment. In 2003, New York State Department of Health (NYSDOH) completed a Health Consultation for SHS (now EHS) that recommended that ECSD develop a written soil management plan to "minimize potential public exposures to contaminated subsurface materials…" In June 2009, ECSD prepared an Environmental Management Plan (EMP) in response to a request from the State Education Department (SED) to formalize environmental management operations and practices at EHS. NYSDEC and NYSDOH provided technical assistance to SED in development and review of the EMP. The intent of the EMP was to advise construction personnel and the general community regarding the potential for exposure to COPCs that may be present in soil, groundwater and soil vapor on EHS property.

This interim SMP was prepared to address ICs and ECs that have been implemented as interim measures until a Site remedy has been selected and to describe required monitoring and operation and maintenance (O&M) activities. It incorporates and replaces the current EHS EMP. This interim SMP will be incorporated into the SMP for the Site upon completion of the remedial program, as necessary. This interim SMP may only be revised

with the approval of the NYSDEC and ECSD. Responsibilities for implementation of this interim SMP are divided between ECSD as the Site owner and Unisys as a party to the BCA as presented in **Appendix B-1**

All reports associated with the site can be viewed by contacting the Chemung County Library, the NYSDEC or its successor agency managing environmental issues in New York State. A list of contacts for persons involved with the site is provided in **Appendix B-2** of this SMP.

This interim SMP was prepared by Geosyntec on behalf of Unisys, in accordance with the requirements of the NYSDEC Department of Environmental Remediation's (DER) DER-10 ("Technical Guidance for Site Investigation and Remediation"), dated May 2010, and the guidelines provided by the NYSDEC.

1.2 Revisions

Revisions to this plan will be proposed in writing to the NYSDEC's project manager. Revisions will be necessary upon, but not limited to, the following occurring: a change in media monitoring requirements, upgrades to or shut-down of a remedial system, additional remedial actions, post-remedial removal of contaminated sediment or soil, or other significant change to the Site conditions.

1.3 Notifications

Notifications will be submitted by the property owner, ECSD, and/or Unisys as party to the BCA to the NYSDEC, as needed, in accordance with NYSDEC's DER-10 for the following reasons:

- 60-day advance notice of any proposed changes in site use that are required under the terms of the BCA, 6 New York Codes, Rules and Regulations (NYCRR) Part 375 and/or Environmental Conservation Law. Change of use may include any activity that is likely to disrupt or expose contamination or to increase direct human exposure: or any other conduct that will or may tend to significantly interfere with an ongoing remedial program.
- 7-day advance notice of any field activity associated with the remedial program.
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the Excavation Work Plan (EWP).
- Notice within 48-hours of any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect.
- Verbal notice by noon of the following day of any emergency, such as a fire; flood; or earthquake that reduces or has the potential to reduce the effectiveness

of ECs in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the site or the responsibility for implementing this interim SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser/Remedial Party (RP) has been provided with a copy of the BCA, and all approved work plans and reports, including this interim SMP.
- Within 15 days after the transfer of all or part of the Site, the new owner's name, contact representative, and contact information will be confirmed in writing to the NYSDEC.

Table **1-1** on the following page includes contact information for the above notification. The information on this table will be updated as necessary to provide accurate contact information. A full listing of site-related contact information is provided in **Appendix B**.

When Unisys anticipates undertaking intrusive physical work at EHS, Unisys will consult with ECSD in non-emergency situations at least five (5) business days in advance prior to developing a proposed plan for such work in order to discuss timing and logistics. While emergencies may not allow for such advance consultation., Unisys will consult with ECSD in emergency situations as far in advance as reasonably possible under the particular circumstances. In the event of an emergency, Unisys shall provide notice to ECSD contemporaneously with the NYSDEC.

Unisys will provide ECSD at least 10 business days to review and provide comments on drafts of substantive reports, work plans, etc. related to investigation and remediation at EHS prior to submission to NYSDEC; provided such advance review requirement will not apply to (i) the submission of standard reports such as progress reports, the submission of raw data, and similar materials, or (ii) in situations where Unisys reasonably concludes that timing concerns prevent such advance review period–- however, in the case of (i) or (ii), or emergency situations in which no advance consultation could reasonably occur under the circumstances, Unisys will provide a copy of such materials at the same time Unisys submits them to NYSDEC.

Table 1-1: Notifications*

Name	Contact Information
Kaleigh Zappia Project Manager	Phone: 585-226-5351 Email: kaleigh.zappia@dec.ny.gov
David G. Pratt, PE Regional Hazardous Waste Remediation Engineer	Phone: 585-226- 5449 Email: david.pratt@dec.ny.gov
Kelly Lewandowski, PE Site Control	Phone: 518-402-9553 Email: kelly.lewandowski@dec.ny.gov
Joe Magliocca Director of Facilities ECSD	Phone: 607-735-3980 Email: jmagliocca@elmiracitycityschools.com
Peter Meybaum Health & Safety Compliance Specialist GST BOCES/ECSD	Phone: 607-735-3992 Email: pmeybaum@gstboces.org
Kevin Krueger Director, Global Environmental, Safety, Health and Security Corporate Real Estate and General Services Unisys Corporation	Phone: 651-212-7273 Email: kevin.krueger@unisys.com

* Note: Notifications are subject to change and will be updated as necessary.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS AND REMEDIAL ACTIONS

2.1 Site Location and Description

The Site is located in Elmira, Chemung County, New York and is identified as Section 99 Block [20-1] and Lot [74.2] and Section 99 Block 16 Lot 1.16 on the Chemung County Tax Map (and depicted in **Figure 2-1**). The Site is an approximately 34-acre area and is bounded by vacant land to the north, Southern Tier Commerce Center (STCC) to the south, the Consolidated Rail Corp. property to the east, and South Main Street to the west (see **Figure 2-1** – Site Layout Map). The boundaries of the Site are more fully described in **Appendix A**. The owner(s) of the Site parcel(s) at the time of issuance of this SMP is ECSD.

2.2 Physical Setting

2.2.1 Land Use

The Site consists of the following: parking lots, athletic fields, and academic buildings. The Site is zoned "Residential – A" and is currently a public high school. Site occupants include ECSD personnel and students. Use includes typical activities associated with a secondary school, including academic classes and sporting events involving the congregation of students and the general public.

The properties adjoining the Site and in the neighborhood surrounding the Site primarily include residential and commercial properties. The properties immediately south of the Site include commercial/manufacturing properties; the properties immediately north of the Site include residential properties; the properties immediately east of the Site include the Consolidated Rail Corp. properties; and the properties to the west of the Site include residential properties.

2.2.2 Geology

A stratigraphic layer comprised of reworked native soils and fill material is located on the Site at a depth of approximately zero (0) to six (6) feet below ground surface (bgs) (thickness varies). That fill unit is composed of primarily of medium to fine sand with silt and medium to fine gravel and includes some red brick, concrete fragments, and wood debris.

Two (2) naturally-occurring continuous stratigraphic units underlie the fill unit. The upper unit is post-glacial outwash. This unit consists of gray-brown fine sand and sub-rounded to rounded coarse to fine gravel. The post-glacial outwash unit extends from approximately six (6) feet below grade to approximately thirty-eight (38) feet below grade.

The second unit is a glacio-lacustrine silt and clay. The unit is relatively impermeable and consists of soft, gray-brown silt and clay, and extends from approximately thirty-eight (38) feet to approximately seven-eight (78) feet below grade in undisturbed areas. The top of weathered bedrock underlies the lacustrine unit and overlays competent shale which dips slightly to the north.

A geologic cross section is shown in **Figures 2-2A, 2-2B,** and **2-2C** (plan view of cross-sections available in **Figure 2-3**). Site specific boring logs are provided in **Appendix C**.

2.2.3 Hydrogeology

Previous investigations conducted for the EHS property indicate that the general groundwater flow direction based on Site monitoring data is to the east in the overburden water bearing zone. Depth to groundwater is generally 15 to 20 feet. Two (2) production wells which provide non-contact cooling water are located to the south of the EHS building. Based on data provided by ECSD, the pumping capacity of each well is approximately six hundred (600) gallons per minute (gpm).

A groundwater contour map is shown in **Figure 2-4**. Groundwater elevation data is provided in **Table 2-1**. Groundwater monitoring well construction logs and the production well construction logs are provided in **Appendix D**.

2.3 Investigation and Remedial History

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the Site. Full titles for each of the reports referenced below are provided in Section 8.0–- References.

2.3.1 Site History

From the late 1880's to the early 1970's, the EHS property has been occupied by various industrial facilities:

- 1887 – 1909: B. W. Payne & Sons, manufacturer of high-speed steam engines;
- 1909 – 1935: Morrow Manufacturing, manufacturer of drill chucks, machine parts and tools;
- 1935 – 1937: Elmira Precision Tool Company, manufacturer of typewriter parts for Remington Rand; and
- 1936 – 1972: Remington Rand, manufacturer of typewriters and adding machines.

From 1974 to 1977, Westinghouse Electric Corporation (Westinghouse) occupied approximately ten (10) acres of the EHS property south of the City of Elmira-Town of

Southport line, primarily for warehousing. On 21 April 1977, Chemung County Industrial Development Agency conveyed the SHS Property to Westinghouse and that same day Westinghouse conveyed that property to ECSD. SHS was constructed in 1979.

2.3.2 Previous Investigations

Previous investigations at the EHS property include:

- Soils and Foundation Study, Southside Recreation and Education Facility, Elmira, New York, Empire Soils Investigations, Inc. 13 May 1977.
- Subsurface Environmental Assessment Report, 777 South Main Street to Parkside Drive, Matrix Environmental Technologies, 9 November 1998.
- May-October 2000 NYSDEC Sampling Report, Southside High School and Adjacent Properties, City of Elmira, Chemung County, NYSDEC, 30 September 2001.
- Health Consultation Report, Southside High School, City of Elmira, Chemung County, NYSDOH, 30 September 2003.
- IIWA Report on Groundwater Chlorinated Solvent Investigation, Southside High School and Adjacent Properties, City of Elmira, Chemung County, NYSDEC, 1 March 2004.
- Soils Characterization Report, Elmira City School District, Southside High School, Elmira, New York. Sterling Environmental. July, 2008.
- Report for Soil Investigation beneath Addition to Cafeteria, Elmira City School District, Southside High School, Elmira, New York. Sterling Environmental. January, 2013.
- Vapor Intrusion Assessment and Mitigation Report Elmira High School, Former Sperry Remington Site – North Portion, NYSDEC Project 808022, Geosyntec Consultants, October, 2014.
- Site Characterization Data Report, Former Sperry Remington Site – North Portion, NYSDEC Project 808022, Geosyntec Consultants, February, 2015.
- Site Characterization Work Plan Addendum #2, Former Sperry Remington Site – North Portion, NYSDEC Project 808022, Geosyntec Consultants, January, 2016.
- Site Characterization Report, Former Sperry Remington Site – North Portion, NYSDEC Project 808022, Geosyntec Consultants, May 2017; Revised March 2019.

- Construction Completion Report, Interim Remedial Measure #1, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, April 2018; Revised February 2019

- Interim Remedial Measures #2 Work Plan, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, July 2018

- Remedial Investigation Work Plan, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, September 2018; Revised January 2019

- Supplemental Vapor Intrusion Assessment Report, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, September 2018; Revised January 2019

- Music Wing SSD System Construction Completion Report, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, September 2018; Revised January 2019

- Construction Completion Report, Interim Remedial Measure #2, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, February 2019

2.3.3 Previous Investigation and Remediation by Others

In 1995, a fuel oil sheen was observed on Miller Pond east of the EHS property. Subsequent investigation by NYSDEC between 1995 through 1998 identified petroleum related chemicals in groundwater approximately fifteen (15) feet below grade extending from the EHS property to Miller Pond. Former fuel oil tanks located in the area of the current EHS gymnasium were considered a potential source. A remedial action (NYSDEC Spill #94-16668) was completed by NYSDEC between 2000 and 2011 with the installation and operation of oxygen-injection systems to stimulate aerobic biodegradation of petroleum in subsurface soil and groundwater as follows:

- 2000 – 2001: a forty-three (43) point oxygen-injection system (OIS) operated east of the EHS gymnasium;
- 2003 – 2006: a twenty-four (24) point OIS operated in the southern portion of the EHS football field; and
- 2006 – 2011: a seventeen (17) point OIS operated northeast of the EHS building.

Subsequently NYSDEC conducted an environmental investigation of soil, groundwater, surface water and sediment at EHS in 2000 (NYSDEC, 2001). NYSDOH initiated a cancer study based on a concern of parents regarding a perceived unusual number of testicular

cancer in past and present students at EHS at that time, which was brought to its attention by the NYSDEC. NYSDOH evaluated all available information on cancer in students at EHS, collected indoor air samples from inside EHS and issued a Health Consultation Report in September 2003 (NYSDOH, 2003). The 2003 NYSDOH Health Consultation Report stated:

"Based on ATSDR's public health hazard category classification, the environmental conditions at Southside High School pose no apparent health hazard. This classification is used because average levels of contaminants in surface soils do not exceed public health comparison values. Although a few samples exceed health comparison values, people are unlikely to be exposed frequently to soil at these locations and the associated health risks are unlikely to be significant. Nevertheless, because average levels of total PCBs exceed typical background levels and average levels of carcinogenic PAHs are somewhat below the upper range of background levels, exposures to these contaminants at Southside High School may be greater than those typically experienced from soil. Students, faculty, staff and the community are not currently being exposed to subsurface soil, although it contains chemicals at levels exceeding public health comparison values."

In June 2009, ECSD prepared the EMP in response to a request from the New York State Education Department (NYSED) to formalize environmental management operations and practices at EHS. NYSDEC and NYSDOH provided technical assistance to NYSED in the development and review of the EMP, which was submitted to prevent construction personnel and the general community from exposure to potential residuals of COPCs in soil, groundwater and soil vapor. The components of the EMP included a Soil Management Plan, Indoor Air Quality Action Plan, Groundwater Management Plan (GMP), and an Operations, Monitoring and Maintenance Plan for ECs.

In March 2010, NYSDOH issued a Health Consultation Report (NYSDOH, 2010) that evaluated indoor and outdoor air quality as well as sub-slab vapor samples collected by ECSD in 2009. NYSDOH concluded that exposures to concentrations of volatile organic compounds (VOCs) in indoor air at EHS were not expected to be harmful to human health if the actions specified in the EMP were implemented (i.e. operation of heating, ventilation, and air conditioning (HVAC) system in a positive-pressure mode). Since 2009, ECSD has installed VI mitigation systems as a preemptive measure whenever existing floor areas of the school were renovated, or new areas were constructed. Vapor mitigation systems have been installed in the Gymnasium, Science Addition (K-Wing) and the Cafeteria. These vapor mitigation systems have been inspected regularly by ECSD and have run continuously since installed.

2.3.4 Vapor Intrusion Assessment and Mitigation

In June 2013, NYSDEC contacted Unisys with information regarding the 2009 ECSD testing program and 2010 NYSDOH Health Consultation Report including historic

demolition, construction and facility plans provided in digital form that NYSDEC had recently received from ECSD. In response, Unisys voluntarily conducted an initial assessment of HVAC operations at Room 127 of SHS in July 2013. Unisys subsequently submitted a work plan to assess indoor air and sub-slab soil vapor in June 2014 (Geosyntec, 2014a) that included a program to assess the potential for soil VI at twenty-three (23) locations based on historical use of the EHS property and previous environmental investigations. The 2014 VI assessment program included:

- Collection of field-based screening level data;
- Collection of indoor air and sub-slab soil vapor samples for laboratory-based chemical analyses suitable for comparison with NYSDOH VI guidance matrices;
- Collection of high volume sampling (HVS) flow and vacuum data to assess the transmissive properties of the sub-slab fill material;
- Collection of differential pressure data to assess the impacts of operation of the school HVAC system on cross-slab air pressures; and,
- Completing a building reconnaissance to assess potential impacts of activities and materials inside the building that could influence indoor air concentrations of VOCs.

The results of the VI assessment are described in the Vapor Intrusion Assessment and Mitigation Report which was submitted to the NYSDEC in October 2014 (Geosyntec, 2014b). The key findings were:

- Indoor air sampling results did not exceed the NYSDOH Guideline Values for air; and,
- Sub-slab sampling results from one area, F Wing, exceeded NYSDOH VI Decision Matrices (NYSDOH, 2006) guidance values that recommend further actions (monitoring or mitigation) to address potential exposures due to VI.

As a proactive measure and in coordination with NYSDEC and NYSDOH, Unisys installed a sub-slab depressurization (SSD) system in the F Wing in August 2014 to mitigate the VI potential. Post-installation pressure testing and chemical testing of the indoor air in that area indicates that the SSD system is achieving that goal.

In May 2018, at the request of the NYSDEC (NYSDEC, 2018), Unisys evaluated SSD systems operating at EHS, including the following:

- Documentation of SSD system equipment;

- O&M requirements;
- Minimum vacuum required at each point to maintain protection;
- Alarm requirements, notification procedures, and corrective actions; and
- Recommendations for upgrades and expansions of existing systems.

This evaluation concluded SSD systems were operating as intended to mitigate the potential for VI.

In June 2018, at the request of NYSDEC (NYSDEC, 2018), Unisys submitted a Supplemental Vapor Intrusion Assessment (SVIA) work plan to further assess the VI potential at EHS. The SVIA work plan was approved by NYSDEC on June 21, 2018 and SVIA report summarizing completed activities was submitted in September 2018. SVIA program components included:

- Collection of field-based screening level data;
- Collection of laboratory-based chemical data;
- Collection of HVS flow and vacuum data to assess the transmissive properties of the sub-slab fill material;
- Collection of differential pressure data to assess the impacts of operation of the school HVAC system on the VI potential; and
- Building reconnaissance to assess impacts of floor cracks on the VI potential.

SVIA testing results indicated:

- Indoor air sampling results did not exceed NYSDOH Guideline Values for air; and
- Sub-slab sampling results from Room 148 in the Music Wing exceeded NYSDOH Vapor Intrusion Decision Matrices (NYSDOH, 2006) guidance values that recommend further actions (monitoring or mitigation) to address potential exposures due to VI.

As a protective measure, Unisys installed an SSD system in the Music Wing in August 2018 to mitigate the VI potential. Subsequent pressure testing and chemical testing of the indoor air in that area indicates that the SSD system is protective. SVIA conclusions are as follows:

- VI potential at EHS is well understood. Areas where sub-slab soil gas readings were above NYSDOH Matrix values are being addressed by SSD systems, even in

situations where indoor air readings at these locations are below NYSDOH Guideline values;

- Differential pressure monitoring data demonstrate that SSD systems continuously maintain depressurized conditions in the area of their operation. Operation of the HVAC system is not necessary to maintain the efficacy of any SSD system;

- Post-mitigation chemical monitoring results have demonstrated that the SSD systems effectively control the potential for VI-related exposures to VOCs at the school. Full time operation of the HVAC system in occupied mode to mitigate potential VI-related exposures in areas within or beyond the SSD systems zones of influence is not necessary; and

- The presence of floor cracks does not result in a demonstrable diminution of the efficacy of any SSD system and does not enhance VI potential at EHS.

The ECs, Monitoring and O&M components of this SMP that are related to VI reflect those conclusions (see Sections 3.3.3, 4.41 and 5.3, respectively).

2.3.5 Site Characterization

In October 2013, NYSDEC presented to Unisys Potential Areas of Concern (PAOCs) for the Site and provided corresponding historic plans and details depicting industrial waste facilities and operations from 1967 (Lancy, 1967). Portions of the 1967 Lancy report were initially provided to NYSDEC in 1988 (Dames & Moore, 1988). The PAOCs for the Site identified by NYSDEC based on previous investigations and prior industrial use of the property are summarized on **Table 2-2** and **Figure 2-5**.

A Site Characterization (SC) Work Plan submitted to NYSDEC on 29 July 2014. Revisions submitted on 8 and 27 October 2014 and accepted by NYSDEC on 2 December 2014. Soil investigations, groundwater investigation and former combined storm sewer inspections for Site Characterization were conducted at the Site between July and October 2014, with all data validated by 10 November 2014.

A SC Data Report was submitted to NYSDEC on 6 February 2015. The SC Data Report identified polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and metals as COPCs at the Site based on comparison to Restricted Residential Soil Cleanup Objectives (SCOs). Report recommendations included additional delineation of PCBs in soils from select areas of the Site.

Additional SC activities were conducted between July 2015 and May 2017 in accordance with SC Work Plan Addendum #1 (Geosyntec, 2015c), SC Work Plan Addendum #2 (Geosyntec, 2016a), SC Work Plan Addendum #3 (Geosyntec, 2016b), SC Work Plan Addendum #4 (Geosyntec, 2017a) and SC Work Plan Addendum #5 (Geosyntec, 2017b).

Additional investigations included delineation of PCBs in soils, evaluation of potential PCB migration in groundwater, evaluation of intermediate groundwater east of the gymnasium, characterization of VOCs in groundwater in the vicinity of the F-Wing and catch basin inspection and sampling.

A SC Report was submitted to NYSDEC on 17 May 2017 describing SC and remedial activities conducted to date. A final SC Report was submitted to NYSDEC on 28 March 2019 in response to 15 August 2018 agency comments.

2.3.6 Soil Interim Remedial Measures

Unisys has conducted IRMs for impacted soil removal in coordination with EHS capital improvements conducted by ECSD beginning in 2017. Soil removal IRM activities are described in the following sections.

2.3.6.1 IRM #1 (EHS Tennis Courts and Main Parking Lot):

An IRM Work Plan submitted to NYSDEC on 5 April 2017 with subsequent revisions on 26 April 2017, 2 June 2017, and 27 June 2017 7 in response to agency comments. The Final Revised IRM [#1] Work Plan was submitted to NYSDEC on 11 July 2017 and approved on 10 August 2017. IRM #1 activities included removal of PCB-impacted soils in the vicinity of the EHS Tennis Courts (North Excavation) and Main Parking Lot (South Excavation. IRM construction in the South Excavation was limited to excavation to four (4) feet below ground surface (ft bgs) in the main parking lot and to two (2) ft bgs in areas to the east due to time constraints to accommodate completion of ECSD capital improvements in 2017. The balance of the South Excavation was completed in accordance with the IRM #3 Work Plan in 2019 (Section 2.3.6.3).

Amendment #1 to IRM #1 Work Plan submitted to NYSDEC on 11 August 2017. This amendment presented plans for surface soil removal in the southwest portion of the football field and high jump pit area to minimize potential exposure to PCBs in those areas. Activities associated with the football field and high jump pit area were completed in September 2017.

The Construction Completion Report (CCR) for IRM #1 was submitted to NYSDEC on 30 April 2018 with revision on 28 February 2019. This report summarizes IRM #1 activities, including information regarding the depths and extent of excavation, the presence of demarcation layers, the nature of the protective cover and materials used to backfill excavations.

2.3.6.2 IRM #2 (EHS Rear Parking Lot)

IRM #2 Pre-Design Investigation (PDI) Work Plan submitted to NYSDEC on 13 December 2017. This work plan presented plans to collect data to support the design of

IRM #2 to remove PCB-impacted soils in the EHS rear parking lot in 2018. NYSDEC comments were received on 4 January 2018 with conditional approval to proceed. A revised IRM #2 PDI Work Plan was submitted on 12 January 2018. IRM #2 PDI field work was conducted between 5 and 24 January 2018. Additional PDI activities were conducted between 26 February 2018 and 20 June 2018 in accordance with Amendments #1 through #5 submitted to NYSDEC.

An agency Draft IRM #2 Work Plan was submitted to NYSDEC on 15 March 2018 with revision on 10 April 2018. NYSDEC comments to this work plan were received on 29 May 2018.

The Final IRM #2 Work Plan was submitted to NYSDEC on 6 June 2018 in response to agency comments. Conditional approval was received on 20 June 2018 with responses submitted on 22 June 2018. A Revised Final IRM #2 Work Plan was submitted in response to agency comments on 13 July 2018 and approved on 25 July 2018.

Amendment #2 to IRM #2 Work Plan was submitted to NYSDEC on 16 July 2018. This amendment was prepared to address construction issues due to refusal encountered at multiple locations during sheet pile wall installation. Amendment #2 presented modified plans to support excavations and subsurface utilities to remain in place during construction and was accepted on 31 July 2018 by NYSDEC. IRM #2 was conducted between 22 June and 25 October 2018.

The Construction Completion Report (CCR) for IRM #2 was submitted to NYSDEC on 1 February 2019. This report summarizes IRM #2 activities, including information regarding the depths and extent of excavation, the presence of demarcation layers, the nature of the protective cover and materials used to backfill excavations.

2.3.6.3 IRM #3

IRM #3 was conducted between 28 June and 14 October 2019 to continue soil removal in the IRM #1 South Excavation in accordance with the Revised Final 2019 IRM Work Plan dated 18 June 2019 and incorporated Amendment #1 dated 9 July 2019 and Amendment #2 dated 16 August 2019. NYSDEC gave conditional approval of the 2019 IRM Work Plan on 13 June 2019 and for construction drawings and plans on 17 June 2019. IRM #3 activities are documented in a CCR submitted to NYSDEC on 14 February 2020 with revised submittals on 22 January 2021, 15 July 2021, 15 December 2021, and 6 July 2022. Agency comments were received on 20 December 2022, and a revision is being prepared for submittal in September 2023.

2.3.6.4 IRM #4, IRM #4A, IRM #5, IRM #5A and IRM #5A3 (EHS Football Field Complex)

A Football Field Complex (FFC) Remedial Investigation (RI) and PDI Work Plan (RI/PDI Work Plan) submitted to NYSDEC on 17 July 2018. This work plan presented plans to complete soil investigations to further characterize the nature and extent of COPCs in the football field complex. NYSDEC comments were received on 17 July 2018 with conditional approval to proceed. PDI activities were conducted between 19 July 2018 and 2 November 2018 in accordance with the RI/PDI Work Plan and FFC PDI Activities Work Plan Amendment dated 23 August 2018, FFC PDI Activities Work Plan Amendment #2 dated 12 October 2018, FFC PDI Activities Work Plan Amendment #3 dated 17 May 2019, FFC PDI Activities Work Plan Amendment #4 dated 8 October 2019, FFC PDI Work Plan Amendment #5 dated 3 April 2020 and FFC PDI Work Plan Amendment #6 dated 22 July 2020. FFC PDI activities, results and conclusions were presented in the FFC PDI Data Report submitted to NYSDEC on 2 September 2020.

IRM #4 was designed for soil removal in the IRM #1 South Excavation adjacent to the EHS building in anticipation of IRM #5 and capital improvement in the EHS FFC anticipated in the beginning of Fall 2020 and Spring 2021, respectively. The pre-final (95%) IRM #4 Work Plan was submitted on 14 February 2020. NYSDEC provided comments on 26 March 2020. The Final (100%) IRM #4 Work Plan was submitted on 30 April 2020. NYSDEC provided comments on 13 May 2020 and a revised Final (100%) IRM #4 Work Plan was submitted on 19 May 2020. NYSDEC gave approval with modifications on 28 May 2020. Construction of IRM #4 began on 1 June 2020 and was substantially completed on 28 August 2020. Amendment #1 to Final (100%) IRM #4 Work Plan (IRM #4A) was submitted on 19 August 2020 to extend the IRM #4 work area to the north and northeast to address areas adjacent to the EHS building and parking lot. NYSDEC provided comments on Amendment #1 on 31 August 2020. A revised Amendment #1 was submitted on 8 September 2020 and was approved with modifications on 15 September 2020.

IRM #5 was designed for soil removal in the EHS Football Field Complex (FFC). The pre-final (95%) IRM #5 Work Plan was submitted on 14 February 2020. NYSDEC provided comments on 2 April 2020. The Final (100%) IRM #5 Work Plan was submitted on 21 July 2020. NYSDEC provided comments on 26 August 2020 and a revised Final (100%) IRM #5 Work Plan was submitted on 14 September 2020. NYSDEC provided notes to the 14 September 2020 submittal on 8 October 2020. A revised Final (100%) IRM #5 Work Plan was submitted on 23 October 2020. NYSDEC provided comments on 13 November 2020 and a revised Final (100%) IRM #5 Work Plan was submitted on 24 November 2020. NYSDEC gave conditional approval with modifications on 4 December 2020. Construction of IRM #5 began on 15 December 2020. Amendment #1 to Final (100%) IRM #5 Work Plan (IRM #5A) was submitted on 11 February 2021 to update the IRM #5 design to incorporate confirmation sample results from IRM #4A and IRM #5,

provide EWP notification under the interim SMP for intrusive activities related to EHS stadium construction, and additional investigation of the former industrial sewer (FIS). NYSDEC approved IRM #5A with modifications on 24 February 2021 requesting additional information for the EWP notification and FIS investigation. An updated EWP notification was submitted on 15 March 2021 and notification for FIS inspection was provided on 19 March 2021. IRM #5 construction on the football field was substantially complete with a pre-final inspection 14 July 2021. ECSD punch list items for the football field were completed on 5 October 2021. FIS removal and restoration east of the football field were completed on 17 November 2021. EHS stadium construction continued in the FFC under the EWP notification provided under IRM #5A. Amendment #3 to Final (100%) IRM #5 Work Plan (IRM #5A3) was submitted on 10 June 2022 and provided a scope of work for soil removal to support ECSD construction of a sidewalk from the EHS locker rooms to the stadium and complete EC soil cover construction in the southeast corner of the FFC. NYSDEC approved IRM #5A3 with modifications by on 1 July 2022. IRM #5A3 construction was conducted between 26 July and 3 September 2023. ECSD completed final restoration of the FFC on 23 September 2022. IRM #4, IRM #4A, IRM #5, IRM #5A and IRM #5A3 and FFC ISMP activities related to remediation and restoration of the FFC will be documented in a FFC IRM CCR to be submitted to NYSDEC in May 2024.

2.3.6.5 IRM #5A2 (EHS Northern Athletic Fields)

Amendment #2 to Final (100%) IRM #5 Work Plan (IRM #5A2) was submitted on 12 March 2021 to present a scope of work for soil removal and FIS removal on the EHS Northern Athletic Field (NAF). Revisions to IRM #5A2 were submitted on 30 April 2021 and on 20 July 2021 in response to Agency and ECSD comments received on 26 March 2021 and 14 and 21 May 2021, respectively. On 3 August 2021, Unisys submitted plans for a short-term response action (STRA) to provide an interim outdoor physical education area and temporary rally point north of the EHS tennis courts. This area coincides with a portion of the Amendment #2 work area and the area proposed by ECSD for construction of a shot put and discus area and paved parking area. STRA construction began on 5 August 2021 following receipt of agency approval on 4 August 2021 and was completed on 27 August 2021. Revisions to IRM #5A2 were submitted on 3 September 2021 in response to Agency and ECSD comments and account for STRA usage by ECSD. Further comments from the ECSD and Agency were received on 17 and 21 September respectively and a revised IRM #5A2 was submitted on 8 October 2021. IRM #5A2 was approved with modification on 22 October 2021 with a revised submittal on 19 November 2021. IRM #5A2 construction began on 22 October 2021. Removal of the STRA including the interim outdoor physical education area and temporary rally point was completed on 26 June 2022 to allow for IRM #5A2 excavations in the EHS Shot Put and Discus/Parking Lot Area. A former underground storage tank (UST) was encountered in the Parking Lot Area on 14 July 2022. UST removal was completed on 26 August 2022 in accordance with a UST Removal dated 15 August 2022 and approved with modifications by NYSDEC on 17

August 2022. The EHS Shot Put and Discus/Parking Lot Area was turned over to ECSD for final restoration in November 2022 following completion of IRM #5A2 excavation and backfill in that area. NAF restoration for the construction of the EHS baseball field began in March 2023 following completion of IRM #5A2 excavation and backfill in the southern portion of the NAF. An ISMP EWP notification was submitted by Unisys for installation of an infiltration gallery and subsurface utilities on 12 May 2023 and approved by NYSDEC on 18 May 2023. ISMP EWP notifications were submitted by ECSD on 30 June 2023 for installation of fence posts and light pole foundations. Soil removal in accordance with IRM #5A2 and subsequent addenda was completed in September 2023. NAF restoration for the construction of the EHS baseball field, softball field and practice field is ongoing. IRM and ISMP activities related to remediation and restoration of the NAF will be documented in a NAF IRM CCR to be submitted to NYSDEC in September 2024.

2.3.7 Remedial Investigation

A BCP RI Work Plan was submitted on 7 September 2018 to NYSDEC in accordance with DER-10. Revisions were submitted in January 2019 and May 2019 in response to agency comments received in January 2019 and March 2019, respectively. NYSDEC approved the BCP RI Work Plan with modifications on 24 July 2019.

2.4 Remedial Action Objectives

Remedial Action Objectives have not been determined for the Site and will be provided in the SMP upon completion of the Decision Document.

2.5 Draft Conceptual Site Model

A conceptual site model (CSM) presents the current understanding of environmental conditions at a site, helps to identify data gaps, helps to focus data collection needs, and if warranted can ultimately support remedial decision making. A CSM is updated to reflect information and additional data collected during subsequent investigative activities associated with a site. The following sections summarize the nature and extent of COPCs detected in environmental media at the Site during previous investigations conducted by others, Site Characterization, IRM pre-design investigations, the FFC RI and completion of IRM #1 and IRM #2. The CSM will be updated following completion of IRM #5A2 and NYSDEC approval of construction completion reporting for IRM #2, the FFC IRM and the NAF IRM.

2.5.1 Soil

Site COPCs for soil include metals, PCBs, PAHs, and VOCs. COPCs for soils are presented in **Table 2-3** for surface soils (0 to 2 inches below ground surface [bgs] [1]),

[1] Below ground surface is interpreted as below vegetative cover.

shallow subsurface soils (2 inches to 2 feet [ft] bgs) and deeper subsurface soils (> 2 feet bgs).

Detected concentrations of total PCBs based on the sum of detected Arochlors in Site soils have exceeded the Restricted Residential SCO of one (1) milligram per kilogram (mg/kg). Detected Arochlors include Arochlors 1248, 1254, 1260, and 1262. Of those, Arochlor 1248 was detected most frequently and tended to comprise the largest component where detected. Arochlor 1254 and Arochlor 1260 were detected with similar frequency. Arochlor 1254 was detected primarily in the vicinity of the athletic stands and the football field. Arochlor 1260 was detected primarily in the vicinity of the gymnasium and the rear parking lot. Arochlor 1262 was detected infrequently (in less than one per cent (1%) of samples) with detections only in the football field and west of the A-Wing.

PCBs have been detected above the Restricted Residential SCO in surface soils below the vegetated layer in an approximately 800 square foot area at the southwest portion of the football field and at single locations west of the A-Wing, south of the athletic stands, and east of the gymnasium. PCBs have been detected above the Restricted Residential SCO in shallow subsurface soils above two (2) feet bgs and currently remain in place in the following areas, as depicted in **Appendix E**:

1. An approximately 130,000 square foot area within the football field complex, consisting of approximately 8,000 square feet southeast of the football field, 11,000 square feet northeast of the football field, and 111,000 square feet within the football field area; and
2. Areas east of the gymnasium with an estimated combined area of 57,000 square feet.

Total PCB concentrations in shallow subsurface soils above Restricted Residential SCO have been addressed by IRMs implemented in 2017 and 2018 in the following areas:

- An approximately 40,000 square foot area on the northern and eastern portions of the tennis courts was removed during IRM #1 in 2017;
- An approximately 40,000 square foot area south of the home football field grandstands and west of A-Wing was removed during IRM #1 in 2017; and
- An area of approximately 70,000 square feet in the rear parking lot was removed during IRM #2 in 2018.

PCBs have been identified in deeper subsurface soils (>2 feet bgs) above Restricted Residential SCOs to depths up to sixteen (16) feet bgs in areas of the Site and currently remain in place as depicted in **Appendix E.** These areas are below the soil cover system. The extent of total PCB concentrations in those areas described above decrease with depth.

Total PCB detections in subsurface soils below two (2) feet bgs are compared to a screening value of ten (10) mg/kg. PCB detections within one (1) foot above the seasonal high-water table are comparand to the Protection of Ground Water SCO of 3.2 mg/kg. Soils at depths below two (2) feet bgs with detections of total PCBs greater than ten (10) mg/kg were removed from the main parking lot to a depth of four (4) feet bgs during IRM #1 in 2017, in the rear parking lot to depths of fourteen (14) feet bgs in the rear parking lot during IRM #2 in 2018, in front of A-Wing to depths of sixteen (16) ft bgs during IRM #3 in 2019, and in the football field to depths of sixteen (16) ft bgs during IRMs #4 and #5 in 2020 and 2021.

Temporary cover was installed in areas shown in **Appendix E** as part of the STRA to prevent potential exposure to surface and shallow subsurface soils in April 2015 (Geosyntec, 2015b). IRM#1 and IRM#2 implemented in 2017 and 2018 resulted in removal of the temporary covers in several areas. IRM #1 (Summer 2017) addressed soils under the mulch beds at the EHS main parking lot and the tennis courts. IRM #2 (Summer 2018) addressed the mulch beds that were present in the southern rear parking lot. Potential exposure in areas not addressed by temporary cover is mitigated by maintenance of well-established vegetative cover.

PAHs were the only semi-volatile organic compounds (SVOCs) detected in soil at concentrations above Restricted Residential SCOs. Those PAHs included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene. As shown in **Appendix E**, SVOCs that exceed the Restricted Residential SCOs are located on the football field, the athletic field, in the vicinity of the tennis courts, and beneath the main and rear parking lots.

Arsenic, copper, lead, manganese, mercury, and nickel are the metal COPCs detected above Restricted Residential SCOs, primarily in the rear parking lot. Metals exceedances that remain in place are shown in **Appendix E**.

Trichloroethene is the VOC COPC detected above Restricted Residential SCOs, primarily in vicinity of F-Wing and the main parking lot. VOCs were not detected above Restricted Residential SCOs in any soil sample collected during Site Characterization in 2014. VOC exceedances that remain in place are shown in **Appendix E**.

Constituents including cyanide and pesticides, were not detected above Restricted Residential SCOs in any soil sample collected during Site Characterization in 2014. Those constituents are not considered to be COPCs for the Site.

A number of underground utilities including electrical, stormwater and sanitary sewer are present at the Site within the soil management areas shown in **Appendix E**. **Figure 2-6** presents the extent of the stormwater sewer system. A sprinkler system is present beneath the football field. **Appendix F** presents results an underground utility survey conducted between 13 and 15 July 2015. Note that **Appendix F** is provided as a reference only and

should not be used as a substitute for a professionally conducted utility location conducted prior to any ground-intrusive work.

2.5.2 Groundwater

Groundwater investigations at the Site have been conducted by NYSDEC as part of NYSDEC Spill #94-16668 (Matrix, 1998) and in later investigations of chlorinated solvents (NYSDEC, 2004) and by Unisys as part of Site Characterization in accordance with the Administrative Order on Consent (AOC) (Geosyntec, 2015a). COPCs for groundwater were identified by comparing the most recent groundwater analytical data to NYSDEC *Technical Operational Guidance Series (TOGS) 1.1.1* (NYSDEC, 1998). COPCs for groundwater are presented in **Table 2-4** with the most recent analytical results for groundwater samples collected on EHS property. COPCs for groundwater include metals, PCBs, SVOCs and VOCs.

Figure 2-7 presents the extent of COPC exceedances in groundwater. Trichloroethene (TCE) was detected above groundwater standards in groundwater grab samples collected just outside the EHS F wing. TCE, Freon 113, and acetone have been detected above groundwater standards in the area east of the gymnasium. PAHs, benzo(a)anthracene and chrysene, were detected at concentrations above groundwater standards in groundwater grab samples collected just outside of the gymnasium and swimming pool. Potentially suspect detections of PCBs above groundwater standards have been identified in the area east of the gymnasium and southeast of the football field. PCBs in groundwater are under further investigation pursuant to the BCA.

2.5.3 Soil Vapor and Indoor Air

NYSDEC and NYSDOH conducted investigations at EHS in 1997 and 2000 to evaluate whether VI of VOCs was occurring and whether VI could affect indoor air quality at EHS. Investigation results from this work indicated VOCs were present below EHS, but that VI did not lead to reported levels in indoor air that were expected to be a health concern (NYSDOH 2003). The EMP prepared by ECSD in 2009 contained an Indoor Air Quality Action Plan component to address the VI potential that included:

- A program to monitor differential air pressure above and below the sub-slab of the building;
- A program to sample and evaluate indoor air and sub-slab vapor;
- Provisions for installation of SSD systems in the building during renovation (gymnasium) and new construction (science addition, cafeteria addition); and
- Provisions to use the building HVAC system to reduce the potential entry of sub-slab vapors into the building by maintaining positive differential pressure between the indoor and sub-slab air during periods when the building is occupied.

In March 2010, NYSDOH issued a Health Consultation Report (NYSDOH, 2010) that evaluated historic indoor and outdoor air quality results as well as sub-slab vapor samples collected by ECSD in 2009. NYSDOH concluded that exposures to concentrations of VOCs in indoor air at EHS were not expected to be harmful to human health if the actions specified in the EMP are implemented (i.e. operation of HVAC system in a positive-pressure mode). NYSDOH recommended continued operation of the building HVAC system for positive pressurization, continued routine monitoring of differential pressures between the sub-slab and building interior, additional evaluation of indoor air quality and collection of pressure differential data in Room 127 of EHS, and modifying HVAC system operation in the area of Room 127 to reduce any concentration of TCE in indoor air. To date, ECSD has continued to operate the HVAC system during periods of building occupancy and continues to monitor indoor air quality and collect pressure differential data. SSD systems were installed during construction of the K-Wing Science Addition in 2009, renovation of the gymnasium in 2010 and construction of a cafeteria addition in 2013 (See "Institutional and ECs," Section 3).

In July 2014, indoor air samples, sub-slab vapor samples, and HVS were collected by Unisys at twenty-three (23) locations in the EHS building and outdoor air samples were collected at three (3) locations. In June 2018 indoor air samples, outdoor air samples, sub-slab vapor samples, and HVS samples were collected by Unisys to supplement previous VI investigations. HVS testing consisted of extracting and sampling soil vapor at a high flow rate (hundreds or thousands of liters per minute) over a period of time (typically 30 to 60 minutes). Analytical results from 2014 and 2018 are presented in **Table 2-5** and **Table 2-6**, respectively**.** Non-detect results have been omitted from **Table 2-5** and **Table 2-6** to allow for a streamlined presentation of data. Overall, air sampling analytical data are similar to those obtained by ECSD in the 2009 VI sampling program (Sterling, 2009).

New York State's updated "Guidance for Evaluating Vapor Intrusion in The State of New York" (NYSDOH, 2017) (VI Guidance) contains Air Guideline Values for several chemicals including TCE (2 $\mu g/m^3$), tetrachloroethene (30 $\mu g/m^3$) and Methylene Chloride (60 $\mu g/m^3$) "to help guide decisions about the nature of efforts to reduce exposure to the chemical" (NYSDOH, 2017).

The VI Guidance also includes Soil Vapor/Indoor Air Decision Matrices that recommend a range of possible actions to address VI potential based on various paired sub-slab/indoor sampling results (NYSDOH 2017). Currently, eight (8) VOCs have been assigned to one (1) of three (3) matrices.

(https://www.health.ny.gov/environmental/indoors/vapor_intrusion/docs/svi_decision_matrices_abc.pdf).

The VOCs include:

Matrix A	Matrix B	Matrix C
carbon tetrachloride 1,1-dichloroethene cis-1,2-dichloroethene TCE	methylene chloride tetrachloroethene 1,1,1-trichloroethane	vinyl chloride

TCE and cis-1,2-dichloroethene are the only compounds detected at EHS where the paired concentrations are associated with a Matrix recommended action of mitigation. Neither compound exceeded the Air Guideline Value in effect when the samples were collected.

Historical sampling results collected by the NYSDOH in 1999 and 2003, by EHS in 2009 and by Geosyntec in 2014 and 2018 are portrayed in the context of the Decision Matrices in **Figure 2-8**.

The locations where vapor mitigation systems have been installed to address the VI potential are depicted by green rectangles on **Figure 2-8**. All of the occupied areas where indoor/sub-slab sample pairs with a Matrix recommended action of mitigate are being addressed by an SSD system which has been shown to be effective (i.e. create a robust vacuum field below the floor area) without the need for HVAC operation to positively pressurize the building, and despite the presence of unsealed cracks in the building slab.

3.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN

3.1 General

Since COPCs are present in media at the Site, ICs and ECs are required to protect human health and the environment. This IC/EC Plan describes the procedures for the implementation and management of all IC/ECs at the site. The IC/EC Plan is one component of the interim SMP and is subject to revision by the NYSDEC.

This plan provides:

- A description of all IC/ECs on the site;
- The basic implementation and intended role of each IC/EC;
- A description of the controls to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of IC/ECs, such as the implementation of the EWP (as provided in **Appendix G**) for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the site; and
- Any other provisions necessary to identify or establish methods for implementing the IC/ECs required by the site remedy, as determined by the NYSDEC.

3.2 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 this interim SMP. These ICs are:

- All ECs must be operated and maintained as specified in this interim SMP;
- All ECs must be inspected at a frequency and in a manner defined in this interim SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Chemung County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department. ECSD currently uses, and will continue to use, groundwater for non-contact cooling water without treatment. Spent cooling water is discharged to Coldbrook Creek under State Pollution Discharge Elimination System (SPDES) Discharge Permit #NY0106216.

- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner;
- The potential for VI must be evaluated and any expansions of the existing building footprint that includes occupied spaces, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the site are prohibited.

3.3 Engineering Controls

3.3.1 Permanent Cover

Potential exposure to COPCs that may be present in soil at the Site is to be prevented by existing and proposed cover systems at the Site. Existing and proposed cover systems include:

- Soil–- minimum of twenty-four (24) inches of vegetated soil cover. Permanent cover systems in areas where COPCs in subsurface soils (>2 ft bgs) remain in place, meeting NYSDEC approved cleanup criteria will include a demarcation layer consisting of orange snow fencing material and/or geotextile fabric immediately below the soil cover. This demarcation layer provides a visual reference for future excavations below which impacted material may exist;
- Asphalt–- a minimum of six (6) inches of asphalt (including subbase material) in areas containing roads, sidewalks, and parking lots;
- Concrete–- a minimum of six (6) inches of concrete (including subbase material) in areas containing roads, sidewalks or parking lots constructed of concrete in lieu of asphalt; or

- Building slabs and foundations.

Figure 3-1 presents the locations of existing protective cover systems including the EHS building and soil cover systems constructed between 2017 and 2022 by IRM #1, IRM #2, IRM #3, and the FFC IRM (IRM #4, IRM #4A, IRM #5, IRM #5A and IRM #5A3). Soil cover system construction details are presented in CCRs for IRM #1, IRM #2 and IRM #3. The FFC IRM CCR will be submitted in May 2024. A soil cover system will be constructed in the NAF in accordance with IRM #5A2 and NAF restoration and improvements. The NAF IRM CCR will be submitted September 2024.

Procedures for the inspection of permanent cover are provided in the Monitoring and Sampling Plan included in Section 4.0 of this SMP.

All intrusive work, unless in a remediated unrestricted area, must follow the requirements of this interim SMP which includes (but is not limited to) notice requirements and implementation of the EWP. The EWP provided in **Appendix G** outlines the procedures required to be implemented in the event the cover system is to be breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. At the request of ECSD, major ground intrusive activities must only be conducted when EHS is not in session. Exceptions will be made in cases of emergencies and IRMs or other remedial measures conducted under NYSDEC approved work plans, in which case adequate safeguards will be used to eliminate potential exposure pathways and, in the case of IRMs or other remedial measures only when operational concerns of ECSD have been addressed adequately at the sole discretion of ECSD such as restoration plans, evacuation plans, and other accommodations to ensure the safe and prudent operation of the High School. The integrity of the permanent cover system will be inspected by Unisys or its designee at defined intervals in accordance with this ISMP. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in Section 4.0 of this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP) prepared for the Site and provided in **Appendix H**.

3.3.2 Temporary Cover

Figure 3-2 presents the locations of temporary cover. Temporary cover was installed at the Site between 29 March and 3 April 2015 as part of Short-Term Response Action designed and implemented to temporarily address PCBs analyzed to be present in shallow soils (0 to 2 feet bgs) in several unpaved areas of the Site (Geosyntec, 2015b). Temporary cover consisted of non-woven geotextile and approximately twelve (12) inches of hardwood mulch. Mulch was kept in place by wood frames secured by rebar. Ground surface in each area was prepared by removal of angular or sharp objects. After surface preparation, geotextile was used to cover existing ground surface and held in place with

landscaping staples. An approximate twelve-inch (12-in) high border was prepared for each area using landscaping timbers, anchored in place using rebar as ground-spikes. Each area was completed by adding an approximate twelve-inch (12-in) hardwood mulch layer. After completion, the surrounding area was broom swept /raked to remove mulch from outside the completed area. Temporary cover was removed in the areas west of A-Wing and the rear parking lot during construction of IRM #1 and IRM #2, respectively, as shown on **Figure 3-1**. During those IRMs, PCB-impacted soils were excavated, and permanent cover was installed.

Surface soil were removed in the southwest portion of the football field and high jump pit area to minimize potential exposure to PCBs in those areas in September 2017. Six (6) inches of topsoil and sod were placed above a demarcation layer as temporary cover as shown on **Figure 3-1**. All activities occurring with the (FFC) were restricted to those activities that will not damage or degrade the turf cover (i.e. no activities with cleats are allowed). Any staff that use the field for educational activities shall be advised to report any damages to the field. Appropriate maintenance personnel were to be notified and activities in the area of damage will be halted until the repair is completed. Temporary cover in the FFC was removed in 2021 during construction of IRM #5 and permanent cover was installed as part of the ECSD stadium project in 2022.

Procedures for the inspection of temporary cover are provided in the Monitoring and Sampling Plan included in Section 4.0 of this SMP.

3.3.3 Sub-slab Vapor Mitigation Systems

Sub-slab vapor mitigation systems restrict the movement of sub-slab vapors into interior space. ECs for sub-slab vapor mitigation in use at EHS include vapor barriers and SSD systems. A vapor barrier is a low-permeability layer installed beneath the building slab to reduce transport of vapors through potential cracks. A SSD system uses a blower to pull air from the soil below the floor slab at one or more “suction points” with the goal of creating negative pressures below the buildings. These negative pressures cause indoor air to flow down from the building interior into the soil through cracks or opening in the slab, rather than allowing vapors to flow up from the ground into the building, thus eliminating or minimizing the potential for VI.

While depressurization is the dominant mechanism for VI mitigation at the location of the suction points, sub-slab venting (SSV) will also occur at the edges of the SSD system radius of influence (ROI). The SSV process involves air being drawn in along the edges of the SSD influence zone. This “make-up” air provides a dilution effect which can reduce sub-slab vapor concentrations.

Small areas of the area to be mitigated may not be within the ROI of any of the suction points; however, the area at the periphery of the SSD system will be operating as an SSV, thus dilution of sub-slab VOC concentrations will be occurring in this area. Finally,

because SSD systems typically decrease sub-slab vapor concentrations through dilution, mitigation objectives are still likely to be met as long as negative pressure objectives are met over the majority of the slab area (USEPA, 1993).

Sub-slab vapor mitigation systems were installed during construction of the K-Wing Science Addition in 2009, during renovation of the gymnasium in 2010, during construction of a cafeteria addition in 2013, and as IRMs in F-Wing in 2014 and in the Music Wing in 2018.

Procedures for operating and maintaining the SSD systems are documented in the O&M Plan (Section 5.0 of this SMP). As built drawings, signed and sealed by a professional engineer, are included in **Appendix I**. **Figure 2-8** shows the location of the SSD systems for the Site. The following sections present details for each system including system location, system start date; system design information, components, materials, layout, and operating conditions.

3.3.3.1 K-Wing Science Addition

A sub-slab vapor mitigation system was installed as part of the construction of the 12,000 square foot K-Wing Science Addition on the east side of the EHS building in 2009. The system design is described in the Soil Vapor Mitigation Design Plan prepared by Sterling Consultants in February 2009 for ECSD and revised in April 2009 (Appendix 4C of the EMP, Sterling, 2009). The vapor mitigation system consists of a SSD system and a vapor barrier. The SSD system consists of a gas permeable layer consisting of a minimum of six (6) inches of crushed stone or crushed gravel. A collection plenum is installed in the gas permeable layer consisting of a 40-inch square void, the full thickness of the stone layer. The plenum is formed by six (6) 8 x 8 x 16-inch concrete blocks. The soil gas and any vapors enter the plenum space unobstructed, then enter a six (6) inch diameter solid wall fiberglass reinforced plastic pipe. This six (6) inch duct is connected by means of wet lay-up joints to a 90-degree elbow connected to a vertical riser passing through the slab, the interior of the addition and the roof of the addition. A U-tube pressure manometer is placed in this riser so that the vacuum exerted by the fan will be evident at the manometer whenever the fan is operating normally. A fan is mounted above the roof at the termination of the riser to create a negative pressure through the duct and system beneath the concrete slab. The exhaust is 44-inches above the roof of the building, is located above all eaves, is at least fifteen (15) feet above ground level, is at least ten (10) feet away from air intakes and is at least ten (10) feet from any openings that are less than two (2) feet below the exhaust point and is more than ten (10) feet from the adjoining EHS Main Building. As-built drawings of the K-Wing SSD system are provided in **Appendix I**.

The vapor barrier consists of six (6) mil polyethylene sheets overlapped a minimum of twelve (12) inches with Sikaflex-1A sealant applied a minimum of four (4) inches wide between the overlaps. Polyethylene sheets are sealed to the pile caps with the same sealant.

The K-Wing SSD system is designed to operate without regular maintenance or monitoring. The system blower is connected to the school district central monitoring system which will alert district personnel if the blower fails. If a blower failure or other problems with the SSD system occur, the school district has been instructed to alert Unisys for repair. See "Operations and Maintenance Plan" in Section 5 for further details.

3.3.3.2 Gymnasium

A sub-slab vapor mitigation system was installed in the EHS gymnasium as part of a remodeling project conducted in 2010 (Sterling, 2011). The vapor mitigation system consists of a vapor barrier and a SSD system. The Gymnasium SSD consists of a stone gas permeable layer with a plenum constructed of concrete blocks within the permeable layer and a vent duct. The vent duct rises from the plenum and is connected to the exhaust fan that creates a negative pressure within the permeable layer. The vapor barrier consists of Stego Wrap™ ten (10) mil polyolefin sheets overlapped a minimum of twelve (12) inches with Sonoclastic™ NP1 caulk applied a minimum of four (4) inches wide between the overlaps. Polyethylene sheets are sealed to the pile caps with the same sealant.

The Gymnasium SSD system is designed to operate without regular maintenance or monitoring. The system blower is connected to the school district central monitoring system which will alert district personnel if the blower fails. If a blower failure or other problems with the SSD system occur, the school district has been instructed to alert Unisys for repair. See "Operations and Maintenance Plan" in Section 5 for further details.

3.3.3.3 Cafeteria Addition

A sub-slab vapor mitigation system was installed as part of construction of an addition to the EHS cafeteria (Sterling, 2014). The vapor mitigation system consists of a vapor barrier and a SSD system. The Cafeteria Addition SSD consists of a stone gas permeable layer with a plenum constructed of concrete blocks within the permeable layer and a vent duct. The vent duct rises from the plenum and is connected to the exhaust fan that creates a negative pressure within the permeable layer. The vapor barrier consists of Stego Wrap™ ten (10) mil polyolefin sheets overlapped a minimum of twelve (12) inches with Sonoclastic™ NP1 caulk applied a minimum of four (4) inches wide between the overlaps. Polyethylene sheets are sealed to the pile caps with the same sealant.

The Cafeteria Addition SSD system is designed to operate without regular maintenance or monitoring. The system blower is connected to the school district central monitoring system which will alert district personnel if the blower fails. If a blower failure or other problems with the SSD system occur, the school district has been instructed to alert Unisys for repair. See "Operations and Maintenance Plan" in Section 5 for further details.

3.3.3.4 F-Wing

A sub-slab vapor mitigation system was installed in the EHS F-Wing by Unisys in August 2014 following a VI assessment as part of Site Characterization (Geosyntec, 2015a). The SSD system includes four (4) suction points connected through a manifold to a riser pipe that extends through the roof. Suction points are located in Rooms 124, 126, 127, and 130 of the EHS F-Wing. Suction points were located near interior walls to avoid open space and provide vertical supports for the riser pipes. Suction point riser pipes were joined via a horizontal conveyance pipe manifold above the suspended ceiling on the first floor and then extended vertically via a single riser pipe through the first floor ceiling, a second floor classroom (Room Number 234) and to the roof. A roof mounted Obar GBR 76 SOE fan is connected to the piping network and is used to create a sub-slab vacuum field below the building. As-built drawings of the F-Wing SSD system are provided in **Appendix I**.

The F-Wing SSD system is designed to operate without regular maintenance or monitoring. The system blower is connected to the school district central monitoring system which will alert district personnel if the blower fails. If a blower failure or other problems with the SSD system occur, the school district has been instructed to alert Unisys for repair. See "Operations and Maintenance Plan" in Section 5 for further details.

3.3.3.5 Music Wing

A sub-slab vapor mitigation system was installed in the music wing in August 2018 following a SVIA. The SSDS consists of five (5) suction points (SP-M1 through SP-M5) installed within classrooms in the Music Wing of EHS. Suction points were located near interior walls to avoid open space and provide vertical supports for the riser pipes. Suction point riser pipes were joined via a series of horizontal conveyance pipe manifolds and vertical riser pipes above both the suspended ceiling on the first floor and below the second floor HVAC Mechanical Room ceiling and then extended vertically via a single riser pipe through the roof to the SSD blower. Piping was labeled "Active Soil Depressurization System, Do Not Alter" at all accessible locations. PVC blast gate valves and Magnehelic vacuum gauges were installed in each suction pipe to allow air flow through the system and vacuum to be balanced. Magnehelic gauges were installed on each suction point riser pipe to indicate static vacuum levels. Magnehelic gauges were selected with a scale appropriate for the blower (i.e., 0-30 inches WC) and were attached to the block wall near the blast gate valve for each suction point. As-built drawings of the Music Wing SSD system are provided in **Appendix I**.

An Obar Model GBR76 SOE Compact Radial Blower is located on the roof of the building and draws soil vapors from the five (5) suction points through the pipes and exhausts above the roofline. Blower exhaust was installed approximately seven (7) feet above the roofline and twenty (20) feet from windows, doors, and air intakes. The blower is connected to the

building's Day Automation System which monitors blower operation and will alert district personnel if the blower fails.

The Music Wing SSD system is designed to operate without regular maintenance or monitoring. If a blower failure or other problems with the SSD system occur, the school district has been instructed to alert Unisys for repair. See "Operations and Maintenance Plan" in Section 5 for further details.

3.3.4 Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.4 of NYSDEC DER-10

3.3.4.1 Permanent Cover

The composite cover system is a permanent control and the quality and integrity of this system will be inspected and maintained by Unisys or its designee at defined, regular intervals in accordance with this SMP in perpetuity.

3.3.4.2 Sub-slab Vapor Mitigation System

Active sub-slab vapor mitigation systems will not be discontinued unless prior written approval is granted by the NYSDEC and the NYSDOH. In the event that monitoring data indicates that a sub-slab vapor mitigation system may no longer be required, a proposal to discontinue the system will be submitted by the RP to the NYSDEC and NYSDOH with a copy to ECSD.

4.0 MONITORING AND SAMPLING PLAN

4.1 General

This Monitoring and Sampling Plan describes the measures for evaluating the overall performance and effectiveness of the remedy. This Monitoring and Sampling Plan may only be revised with the approval of the NYSDEC.

This Monitoring and Sampling Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater, indoor air, soil vapor, soils);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance (SCGs), particularly groundwater standards and Part 375 SCOs for soil; and
- Evaluating site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

Monitoring and Sampling Plan activities are summarized in **Table 4-1** including the responsibility, schedule and section for further details.

Table 4-1 – Monitoring and Sampling Plan Activities and Schedule

Activity	**Performed by**	**Schedule**	**Section**
Site-Wide Inspection	Unisys or its designee	Quarterly	4.2
Site-Wide Cover Inspection	Unisys or its designee	Annually after the winter snow season*	4.2
SSD Stack Vacuum Monitoring	Unisys or its designee	Annually	4.3.1
SSD Stack Sampling	Unisys or its designee	Annually	4.3.2
Soil VI Sampling	Unisys or its designee	Annually	4.4.1
Non-Contact Cooling Water Discharge Sampling	ECSD	Monthly	Appendix H

*Site-Wide Cover Inspection will be performed in conjunction with a quarterly Site-Wide Inspection.

To adequately address these issues, this Monitoring and Sampling Plan provides information on:

- Sampling locations, protocol and frequency;
- Information on all designed monitoring systems;
- Analytical sampling program requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and
- Annual inspection and periodic certification.

Reporting requirements are provided in Section 7.0 of this interim SMP.

4.2 Site-Wide Inspection

Site-wide inspections will be completed by Unisys or its designee on a quarterly basis while ongoing investigations and construction activities are in progress. Upon completion of the remedy and with approval from the Department, site-wide inspections will be performed by Unisys or its designee at a minimum of once per year. Modification to the frequency or duration of the inspections will require approval from the NYSDEC. Site-wide inspections will also be performed by Unisys or its designee after all severe weather conditions that may affect ECs or monitoring devices and a site-wide cover inspection will be performed after the winter snow season when the ground cover has become visible again. Site-wide cover inspection will be performed in conjunction with a quarterly site-wide inspection.

During these inspections, an inspection form will be completed as provided in **Appendix J** – Site Management Forms. The form will compile sufficient information to assess the following:

- Compliance with all ICs, including site usage;
- An evaluation of the condition and continued effectiveness of ECs;
- General site conditions at the time of the inspection;
- A visual inspection of the groundwater monitoring network;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection; and
- Confirm that site records are up to date.

At a minimum, inspections of all remedial components installed at the Site will be conducted by Unisys or its designee annually. A comprehensive site-wide inspection will be conducted and documented according to the interim SMP schedule, regardless of the frequency of the Periodic Review Report (PRR). The site-wide inspection will include 1) visual inspection of the cover systems, including at a minimum, floor cracks, holes, or penetrations, erosion or damage to concrete or asphalt and vegetative cover of soil cover systems for missing or damaged areas to ensure the effectiveness of the protective cover; and 2) inspection of visible SSD system components, including piping and vent stacks. Additional inspections for floor cracks, holes and penetrations may be conducted at the end of the academic year in order to allow for repairs to be conducted over the summer.

The inspections will determine and document the following:

- Whether ECs continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this interim SMP;
- Achievement of remedial performance criteria; and
- If Site records are complete and up to date.

Reporting requirements are outlined in Section 7.0 of this plan.

Inspections will also be performed in the event of an emergency by Unisys or its designee. If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs that reduces or has the potential to reduce the effectiveness of ECs in place at the Site, verbal notice to the NYSDEC must be given by Unisys or its designee by noon of the following day. In addition, an inspection of the Site will be conducted by a qualified environmental professional (QEP), as determined by the NYSDEC, within five (5) days of the event to verify the effectiveness of the IC/ECs implemented at the Site. Written confirmation must be provided to the NYSDEC by Unisys or its designee within seven (7) days of the event that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

4.3 Treatment System Monitoring and Sampling

4.3.1 Remedial System Monitoring

SSD systems have been installed in the gymnasium, the K-Wing Science Addition, the cafeteria and cafeteria addition, the F-wing and the Music Wing of EHS to mitigate the VI pathway (see **Appendix I**). No other areas of the school building require mitigation or monitoring to address VI. The SSD systems installed at EHS were designed to operate on a continuous basis and have been essentially trouble free since they were installed. Substantial maintenance of the SSD systems has not been necessary because the fan motors

have a proven record of trouble-free operation and most of the system components are located within the walls or below the slab so are not subject to accidental breakage. Some sections of the exhaust stacks are exposed and could potentially be subject to accidental damage. Cleaning and maintenance activities throughout the school are performed daily by a team of full-time facilities maintenance personnel who have been instructed to look for and report any damage to the SSD system components to the head of Buildings and Grounds. Unscheduled inspections and/or sampling may take place when a suspected failure of an SSD system has been reported or an emergency occurs that is deemed likely to affect the operation of the system. SSD system components to be monitored include, but are not limited to, the components included in **Table 4-2** below.

The previous EMP Operation, Maintenance and Monitoring (OM&M) activities have been performed on a regular basis since the SSD systems were installed. Differential pressure monitoring has demonstrated that the SSD systems have continuously maintained a depressurized condition in the sub-slab in their vicinity, and that the operation of the school HVAC system is not a necessary VI control. Post-mitigation chemical monitoring results demonstrate that the SSD systems effectively control the potential for VI related exposures to VOCs at the school. Modification to the frequency or sampling requirements will require approval from the NYSDEC.

Table 4-2 – Remedial System Monitoring Requirements and Schedule

Remedial System Component	Monitoring Parameter	Operating Range	Monitoring Schedule
K-Wing SSD Vent Stack	Stack Vacuum	0 – 1 in. WC	Annually
Gymnasium SSD Vent Stack	Stack Vacuum	0 – 1 in. WC	Annually
Cafeteria SSD Vent Stack	Stack Vacuum	0 – 1 in. WC	Annually
F-Wing SSD Vent Stack	Stack Vacuum	0 – 20 in. WC	Annually
Music Wing SSD Vent Stack	Stack Vacuum	0 – 20 in. WC	Annually

If any equipment readings indicate that a fan motor is no longer functioning, maintenance and repair, as per the O&M Plan, is required immediately. In the event that replacement of

a SSD system fan or other repairs to a SSD system are needed, cross-slab differential pressure measurement(s) will be obtained from existing (or new, if necessary) sub-slab sampling ports associated with the SSD system to verify that the necessary repairs have reestablished the pressure field below the VI mitigation area. The stack vacuum measurements will be obtained using the existing Magnehelic Gauges and pressure field measurements will be obtained with either an existing Magnehelic Gauge or with a DG-700 (or equivalent) differential pressure meter temporarily connected to sub-slab monitoring ports associated with the SSD system.

Reporting requirements for remedial system monitoring are specified in Section 7.0 of this plan.

4.3.2 Remedial System Sampling

While a sufficient number of post-mitigation pressure field and indoor air samples have been collected to clearly verify the efficacy of the SSD systems, SSD stack sampling is proposed for the combined discharge stacks at each of the five (5) SSD systems (Gymnasium, K Wing, F Wing, Cafeteria Retrofit and Cafeteria Addition, and Music Wing) to assess the average sub-slab concentrations of the soil vapor being captured by those systems. SSD stack sampling will be conducted annually during the heating season in conjunction with soil VI sampling (Section 4.4.1). Sampling locations and required analyses are provided in **Table 4-3** below.

Table 4-3 – Remedial System Sampling Requirements

SSD System	Sampling Location	Analyses
K-Wing	Sampling Port	EPA Method TO-15
Gymnasium	Sampling Port	EPA Method TO-15
Cafeteria	Sampling Port	EPA Method TO-15
F-Wing	Sampling Port	EPA Method TO-15
Music Wing	Sampling Port	EPA Method TO-15

Detailed sample collection and analytical procedures and protocols are provided in the Quality Assurance Project Plan (QAPP) in **Appendix L**.

Reporting requirements for remedial system sampling are specified in Section 7.0 of this plan.

4.4 Post-Remediation Media Monitoring and Sampling

The Site RI is on-going and a final remedy for Site has not been selected. Soil removal IRMs conducted since 2017 do not require post-remediation monitoring and sampling. Sub-slab vapor mitigation systems were installed by ECSD and Unisys as ECs as discussed in Section 3.3.3. Soil VI sampling is discussed below. Other post-remediation media monitoring and sampling requirements will be determined after selection of a final remedy for the Site. Reporting requirements for post-remediation media monitoring and sampling are specified in Section 7.0 of this plan.

4.4.1 Soil Vapor Intrusion Sampling

Multiple rounds of soil VI sampling have been performed to assess the performance of the remedy. Indoor air and pressure monitoring results demonstrate that the SSD systems are effectively addressing the VI potential at the school. While routine VI monitoring is no longer needed as long as the SSD systems remain in operation, indoor air sampling will be conducted annually to document no potential exposure to faculty, staff, and students or other users of the school building.

Samples of indoor air shall be collected annually during the heating season in areas where SSD systems have been installed or at other locations to address specific areas of concern. Samples of outdoor air shall be collected from the building rooftop to characterize the potential influence of background ambient air sources. Sampling locations and required analyses are provided in **Table 4-4** below. A soil vapor/indoor air sampling work plan will be submitted to NYSDEC/NYSDOH for approval a minimum of thirty (30) days before each sampling event is scheduled to commence and will identify sampling locations.

Table 4-4 – Post Remediation Sampling Requirements

SSD System	Sampling Location	Analyses
K-Wing	K-Wing Corridor	EPA Method TO-15
Gymnasium	Gymnasium	EPA Method TO-15
Cafeteria Addition	Cafeteria	EPA Method TO-15
F-Wing	Room 127	EPA Method TO-15
Music Wing	Room 148	EPA Method TO-15
Outdoor Air	F-Wing Rooftop K-Wing Rooftop	EPA Method TO-15

Detailed sample collection and analytical procedures and protocols are provided in the QAPP in **Appendix L**.

Deliverables for the soil VI sampling program are specified in Section 7.0 – Reporting Requirements.

4.4.2 Groundwater Sampling

The RI groundwater investigation is ongoing and is intended to delineate the vertical and horizontal extent of COPC TOGS exceedances in groundwater and address the groundwater-related AOCs. The RI program will include an inventory of existing monitoring wells and installation of new monitoring wells to achieve the RI objectives. Post-remediation groundwater sampling may be required as part of the final remedy. The groundwater monitoring network and monitoring requirements will be determined at that time as necessary. Groundwater monitoring wells shall be maintained at the Site.

The NYSDEC will be notified prior to any repair or decommissioning of any monitoring well for the purpose of replacement, and the repair or decommissioning and replacement process will be documented in the subsequent PRR. Well decommissioning without replacement will be done only with the prior approval of the NYSDEC. Well abandonment will be performed in accordance with NYSDEC's guidance entitled "CP-43: Groundwater Monitoring Well Decommissioning Procedures." Monitoring wells that are decommissioned because they have been rendered unusable will be replaced in kind in the nearest available location, unless otherwise approved by the NYSDEC.

4.4.3 Monitoring and Sampling Protocol

All sampling activities will be recorded in a field book and associated sampling log as provided in **Appendix J** - Site Management Forms. Other observations (e.g., groundwater monitoring well integrity, etc.) will be noted on the sampling log. The sampling log will serve as the inspection form for the monitoring network.

5.0 OPERATION AND MAINTENANCE PLAN

5.1 General

This O&M Plan provides a brief description of the measures necessary to operate, monitor and maintain the ECs in place for the Site. This O&M Plan:

- Includes the procedures necessary to allow individuals unfamiliar with the Site to maintain permanent and temporary cover and to operate and maintain the SSD systems; and

- Will be updated periodically to reflect changes in site conditions or the manner in which the SSD systems are operated and maintained.

Further detail regarding the O&M of the SSD systems is provided in **Appendix K** - O&M Manual. A copy of this O&M Manual, along with the complete interim SMP, is to be maintained at the site. This O&M Plan is not to be used as a stand-alone document, but as a component document of this interim SMP.

5.2 Engineering Control Performance Criteria

Minimum thicknesses of permanent cover and temporary cover are presented in Sections 3.3.1 and 3.3.2, respectively. The only moving part of each SSD system is the fan motor. Pressure monitoring data (stack and cross-slab) have been consistent since start-up for each SSD system.

5.3 Cover Maintenance

Site inspections will include visual inspection of the cover systems, including at a minimum, floor cracks, holes, or penetrations, erosion or damage to concrete or asphalt and vegetative cover of soil cover systems, including the football field turf, for missing or damaged areas to ensure the effectiveness of the protective cover. NYSDEC will be notified within 48 hours of a site inspection any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, and any action to be taken to mitigate the damage or defect. Deficiencies in the soil cover systems observed during site inspections or at other times will be corrected by 1) sealing floor cracks, holes or penetrations; 2) repairing damage to concrete and asphalt; 3) reseeding vegetated areas; or 4) installing temporary cover. Access to areas with deficient soil cover may be restricted by temporary fencing if additional time is needed to coordinate cover system repairs. Repairs will be inspected upon completion or during the next quarterly site inspection.

ECSD will perform sealing of floor cracks, holes, or penetrations as part of regular building maintenance. Floor cracks wide enough to accept and hold sealant will be filled with

Sikaflex 1A™ polyurethane-based, non-sag elastomeric sealant or approved equivalent (see product description in Appendix K). Smaller cracks will be sealed with the wax-based floor sealant that is routinely applied by the ECSD as part of the normal floor maintenance program. ECSD will notify Unisys when sealing has been completed and repaired areas will be accessible for inspection to confirm repair effectiveness.

Concrete and asphalt will be restored to prevent exposure to underlying native soils. Restoration may include replacement or patches to the satisfaction of ECSD. Temporary cover may include mulch or stone underlain by geotextile fabric placed over areas with deficient soil cover as temporary. Temporary fencing will be secured to limit access. **Appendix K** presents construction details for temporary cover and temporary fencing.

Soil cover systems disturbed by intrusive work will be restored in accordance with the EWP (Appendix G) or, in the case of remedial work, other work plans approved by NYSDEC (e.g., IRM Work Plans.). Unisys or its designee shall be responsible for cover maintenance; however, some minor repairs at the athletic fields or grassed areas may be performed by ECSD personnel and reported to Unisys if it is practical, efficient, and expeditious to do so. All actions related to cover maintenance will be documented for inclusion in Site Inspection Reports and the PRR (See Section 7.0)

5.4 SSD System Operation and Maintenance

SSD systems installed at EHS were designed to operate on a continuous basis. SSD system fan motors are the only components with moving parts; fan bearings are sealed, thus not requiring periodic lubrication or maintenance.

As-built drawings for each system are provided in **Appendix I.** An SSD O&M Plan and cut sheets for SSD equipment are provided in **Appendix K.**

5.4.1 System Start-Up and Testing

System start-up and testing has already been performed at each SSD system and no significant changes to the systems are anticipated. Therefore, additional system start-up and testing is not necessary.

If an SSD system goes down or significant changes are made to the system and the system must be restarted, the procedures described in Section 5.3.3 will be followed.

5.4.2 Routine System Operation and Maintenance

The SSD systems are designed to run continuously without adjustments and do not require routine maintenance.

5.4.3 Non-Routine Operation and Maintenance

The only system components with moving parts subject to periodic failure are the fan motors. Unisys will be responsible for maintaining replacement SSD fans on-Site at all times to ensure that there is minimal downtime if a SSD fan must be replaced. If a fan fails, the electronic monitoring system display will alert EHS maintenance personnel who will contact the responsible party for expedited replacement. Thereafter, the cause of the failure will be determined and, if necessary, the fan will be replaced in a timely fashion. In the event that a fan motor needs replacement, it will either be replaced in kind, or with a model offering similar flow and vacuum performance. Once the new fan is operational, cross-slab differential pressure measurement(s) will be obtained from existing or temporary sub-slab sampling ports associated with the SSD system to verify that the necessary repairs have reestablished the pressure field below the VI mitigation area. The differential pressure measurements will be obtained using the existing Magnehelic Gauges or with a DG-700 (or equivalent) differential pressure meter temporarily connected to a sub-slab monitoring port.

In the event that an SSD system vent stack develops a mechanical break, the broken segment of the stack will be replaced with material of similar diameter and construction and will be tested for leaks after it has been repaired.

In the event any of the real-time SSD system electronic monitoring components fail, the component will be replaced in a timely fashion with an equivalent device.

The ECSD has copies of all SSD system as-built diagrams for reference in the event that replacement of a system component is necessary.

5.4.4 System Monitoring Devices and Alarms

Each SSD system is equipped with an electronic monitoring device connected to the school's HVAC computer control program that includes an SSD system computer display screen indicating whether the SSD system fan is running or not. If the "fan not running" warning light on the computer display screen is activated, applicable maintenance and repairs will be conducted, as specified in the O&M Plan, and the SSD system will be restarted. Operational problems will be noted in the PRR to be prepared for that reporting period. An O&M Manual for SSD systems is included in **Appendix K**.

6.0 PERIODIC ASSESSMENTS/EVALUATIONS

6.1 Climate Change Vulnerability Assessment

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns and wide temperature fluctuation, resulting from global climactic change and instability, have the potential to significantly impact the performance, effectiveness and protectiveness of a given site and associated remedial systems. Vulnerability assessments provide information so that the site and associated remedial systems are prepared for the impacts of the increasing frequency and intensity of severe storms/weather events and associated flooding.

This section provides a summary of vulnerability assessments that will be conducted for the site during periodic assessments, and briefly summarizes the vulnerability of the site and/or ECs to severe storms/weather events and associated flooding.

- Flood Plain: Identify whether the site is located in a flood plain, low-lying or low-groundwater recharge area.
- Site Drainage and Storm Water Management: Identify areas of the site which may flood during severe rain events due to insufficient groundwater recharge capabilities or inadequate storm water management systems.
- Erosion: Identify any evidence of erosion at the site or areas of the site which may be susceptible to erosion during periods of severe rain events.
- High Wind: Identify areas of the site and/or remedial system which may be susceptible to damage from the wind itself or falling objects, such as trees or utility structures during periods of high wind.
- Electricity: Identify the susceptibility of the site/remedial system to power loss and/or dips/surges in voltage during severe weather events, including lightning strikes, and the associated impact on site equipment and operations.

6.2 Green Remediation Evaluation

NYSDEC's DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. This section of the interim SMP provides a summary of any green remediation evaluations to be completed for the site during site management, and as reported in the PRR.

6.2.1 Timing of Green Remediation Evaluations

For major remedial system components, green remediation evaluations and corresponding modifications will be undertaken as part of a formal Remedial System Optimization (RSO), or at any time that the Project Manager feels appropriate, e.g., during significant maintenance events or in conjunction with storm recovery activities.

Modifications resulting from green remediation evaluations will be routinely implemented and scheduled to occur during planned/routine O&M activities. Reporting of these modifications will be presented in the PRR.

6.2.2 Remedial Systems

Remedial systems will be operated properly considering the current site conditions to conserve materials and resources to the greatest extent possible. Consideration will be given to operating rates and use of reagents and consumables. Spent materials will be sent for recycling, as appropriate.

6.2.3 Frequency of System Checks, Sampling and Other Periodic Activities

Transportation to and from the Site and use of consumables in relation to visiting the Site in order to conduct system checks have direct and/or inherent energy costs. The schedule and/or means of these periodic activities have been prepared so that these tasks can be accomplished in a manner that does not impact remedy protectiveness but reduces expenditure of energy or resources.

6.3 Remedial System Optimization

A Remedial Site Optimization (RSO) study will be conducted any time that the NYSDEC or the RP requests in writing that an in-depth evaluation of the remedy is needed. An RSO may be appropriate if any of the following occur:

- The remedial actions have not met or are not expected to meet RSOs in the time frame estimated in the Decision Document;
- The management and operation of the remedial system is exceeding the estimated costs;
- The remedial system is not performing as expected or as designed;
- Previously unidentified source material may be suspected;
- Plume shift has potentially occurred;
- Site conditions change due to development, change of use, change in groundwater use, etc.;

- There is an anticipated transfer of the site management to another RP or agency; and
- A new and applicable remedial technology becomes available.

An RSO will provide a critique of a site's conceptual model, give a summary of past performance, document current cleanup practices, summarize progress made toward the site's cleanup goals, gather additional performance or media specific data and information and provide recommendations for improvements to enhance the ability of the present system to reach RSOs or to provide a basis for changing the remedial strategy.

The RSO study will focuses on overall site cleanup strategy, process optimization and management with the intent of identifying impediments to cleanup and improvements to site operations to increase efficiency, cost effectiveness and remedial time frames. Green remediation technology and principals are to be considered when performing the RSO.

7.0 REPORTING REQUIREMENTS

7.1 Site Management Reports

All site management inspection, maintenance and monitoring events will be recorded on the appropriate site management forms provided in **Appendix J**. These forms are subject to NYSDEC revision.

All applicable inspection forms and other records, including media sampling data and system maintenance reports, generated for the Site by Unisys or others during the reporting period will be provided in electronic format to the NYSDEC by Unisys or its designee in accordance with the requirements of **Table 7-1** and summarized in the PRR.

Table 7-1: Schedule of Interim Monitoring/Inspection Reports

Task/Report	Reporting Frequency*
Inspection Reports	Quarterly
PRR	Annually, or as otherwise determined by the Department

* The frequency of events will be conducted as specified until otherwise approved by the NYSDEC.

All interim monitoring/inspections reports will include, at a minimum:

- Date of event or reporting period;
- Name, company, and position of person(s) conducting monitoring/inspection activities;
- Description of the activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached spreadsheet);
- Type of samples collected (e.g., sub-slab vapor, indoor air, outdoor air, etc.);
- Copies of all field forms completed (e.g., well sampling logs, chain of custody documentation, etc.);

- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled (to be submitted electronically in NYSDEC-identified format);
- Any observations, conclusions, or recommendations; and
- A determination as to whether contaminant conditions have changed since the last reporting event.

Routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company and position of person(s) conducting non-routine maintenance/repair activities;
- Description of non-routine activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist form).

Data will be reported in digital format as determined by the NYSDEC. Currently, data is to be supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link: http://www.dec.ny.gov/chemical/62440.html

7.2 Periodic Review Report

A PRR will be prepared and submitted by Unisys to the Department beginning on the 22nd of January in the year following approval of this interim SMP by the Department. In the event that the site is subdivided into separate parcels with different ownership, a single PRR will be prepared that addresses the Site described in Appendix A. The report will be prepared in accordance with NYSDEC's DER-10. Media sampling results will also be incorporated into the PRR. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the site.

- Results of the required annual site inspections and severe condition inspections, if applicable.

- All applicable site management forms, continuous monitoring data and other records generated for the site during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.

- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.

- Data summary tables and graphical representations of COPCs by media (e.g., soil, indoor air, etc.), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends.

- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted in digital format as determined by the NYSDEC. Currently, data is supplied electronically and submitted to the NYSDEC EQuIS^{TM} database in accordance with the requirements found at this link: http://www.dec.ny.gov/chemical/62440.html.

7.3 Corrective Measures Work Plan

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an IC or EC, a Corrective Measures Work Plan will be submitted to NYSDEC for approval. This plan will explain the failure and provide details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Work Plan until it has been approved by the NYSDEC.

7.4 Certification of Institutional and Engineering Controls

Following the last inspection of the reporting period, a Professional Engineer licensed to practice in New York State will prepare, and include in the PRR the following certification as per the requirements of NYSDEC DER-10:

"*For each institutional or engineering control identified for the site, I certify that all of the following statements are true:*

- *The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;*

- *The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;*

- *Nothing has occurred that would impair the ability of the control to protect the public health and environment;*

- *Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;*

- *Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;*

- *If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;*

- *The engineering control systems are performing as designed and are effective;*

- *To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and*

- *The information presented in this report is accurate and complete.*

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, _____, of _____, am certifying as Owner's/Remedial Party's Designated Site."

"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, _____, of _____, am certifying as Owner/Owner's Designated Site Representative for the site."

- *No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid; and*

- *The assumptions made in the qualitative exposure assessment remain valid.*

The signed certification will be included in the PRR.

The PRR will be submitted, in electronic format, to the NYSDEC Central Office, Regional Office in which the site is located and the NYSDOH Bureau of Environmental Exposure Investigation. The PRR may need to be submitted in hard-copy format, as requested by the NYSDEC project manager.

8.0 SCHEDULE

Table 8-1 presents the schedule for monitoring, sampling reporting tasks by month beginning in the month of January following SMP approval.

Table 8-1 –Schedule of Monitoring, Sampling and Reporting Activities by Month

Month*	Activity	Performed by	Section
January	PRR	Unisys or its designee	7.2
February	NYSDEC EQuIS™ EDD	Unisys or its designee	7.1
March	Site-Wide Inspection	Unisys or its designee	4.2
April	Site-Wide Cover Inspection	Unisys or its designee	4.2
	Inspection Report	Unisys or its designee	7.1
May	No activity scheduled		
June	Site-Wide Inspection	Unisys or its designee	4.2
	Building Crack Inspection	Unisys or its designee	4.2
July	Inspection Report	Unisys or its designee	7.1
August	No activity scheduled		
September	Site-Wide Inspection	Unisys or its designee	4.2
October	Inspection Report	Unisys or its designee	7.1
	Soil Vapor/Indoor Air Sampling Work Plan	Unisys or its designee	4.4.1
November/ December	Site-Wide Inspection	Unisys or its designee	4.2
	SSD Stack Vacuum Monitoring	Unisys or its designee	4.3.1
	SSD Stack Vacuum Sampling	Unisys or its designee	4.3.2
	Soil VI Sampling	Unisys or its designee	4.4.1

* The schedule of events will be conducted as specified until otherwise approved by the NYSDEC.

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TABLE 2-1
MONITORING WELL NETWORK

Former Sperry Remington - North Portion
Elmira, New York

Well ID	Northing	Easting	Diameter (inches)	TOC Elevation [ft amsl]	DTB [ft bTOC]	DTW [ft bTOC]	DTP [ft bTOC]	GW Elevation [ft msl]
MW-7	753928.0	762705.5	3/4	852.47	13.3	Dry (>13.3)	ND	<839.17
MW-8	754022.5	762648.8	2	853.73	17.8	15.36	ND	838.37
MW-9	754165.8	762571.7	2	853.90	20.4	15.64	ND	838.26
MW-10	754303.1	762480.5	2	853.13	20.1	15.2	ND	837.93
MW-11D	754704.9	762292.0	2	855.07	78.1	18.71	ND	836.36
MW-11S	754699.6	762292.8	2	854.74	21.1	17.08	ND	837.66
MW-12	754101.4	762480.3	2	854.74	19.5	16.27	ND	838.47
MW-13	754234.0	762356.8	2	854.80	22.0	16.11	ND	838.69
MW-15D	754148.2	762119.5	2	855.75	76.1	18.71	ND	837.04
MW-15S	754149.2	762124.6	2	855.72	17.8	16.1	ND	839.62
MW-16	754439.3	761973.8	2	854.89	13.5	Dry (>13.5)	ND	<841.39
MW-30	754097.6	762562.4	2	853.44	17.9	15.09	ND	838.35
MW-31	754158.9	762536.2	2	853.75	18.0	15.43	ND	838.32
MW-32	754284.0	762491.8	2	852.75	18.0	15.42	ND	837.33
MW-33	754293.7	762456.4	2	853.89	19.4	15.95	15.94	837.94
MW-34	754327.4	762470.8	2	853.69	19.4	15.9	ND	837.79
MW-36	754326.3	762280.8	2	855.66	19.0	16.99	ND	838.67
MW-37	754294.1	762371.2	2	854.55	18.7	16.01	ND	838.54
MW-38	754419.6	762398.3	2	854.86	19.9	17.02	ND	837.84
MW-39	754295.3	762202.4	2	854.87	24.6	15.6	ND	839.27
MW-40	754360.9	762363.4	2	854.90	24.4	16.67	ND	838.23
MW-41	754348.4	762550.5	2	858.74	27.3	21.17	ND	837.57

Notes:

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

ft bTOC: feet below top of casing

ft msl: feet mean sea level

TOC: top of inner casing

DTB: depth to bottom

DTW: depth to water

DTP: depth to product

ND: free product not detected in monitoring well

GW: groundwater

Water levels measured on 13 November 2014

Vertical datum is North America Vertical Datum 1988

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

TABLE 2-2
Potential Areas of Concern Identified by NYSDEC
Former Sperry Remington Site – North Portion
Elmira, Chemung County, New York

Potential Area of Concern[1]	Description	NYSDEC Characterization
AOC-1	Sub-slab vapors and Indoor Air Quality	
AOC-1A	Contaminated Sub-Slab Vapors	• Delineation of Extent • Preferential Pathways o Utilities o Storm / Sanitary Sewer o Steam Tunnels
AOC-1B	Indoor Air Quality	• Delineation of Extent • Monitoring • Engineering Controls o HVAC o Sub-Slab Depressurization o Slab Integrity
AOC-2	Pre-1979 Combined Industrial/Storm Sewer	• Structure / Integrity / Contents / Release • Extent • Collection of Surface & Subsurface Contaminants
AOC-2A	18” Clay Pipe at SE Property Corner	Structure / Integrity / Contents / Release o Extent
AOC-2B	Drywell at SE Property Corner	Structure / Integrity / Contents / Release o Extent
AOC-2C	Drywell Near Building 49	Structure / Integrity / Contents / Release o Extent
AOC-2D	Manhole SW-73 Near Building 28A	Structure / Integrity / Contents / Release o Extent
AOC-2E	Waste Pit near Building 44	Structure / Integrity / Contents / Release o Extent
AOC-3	1979 Storm Sewer	Structure / Integrity / Contents / Release Collection of Surface & Subsurface Contaminants
AOC-3A	1979 Drywell Field	Structure / Integrity / Contents / Release Collection of Surface & Subsurface Contaminants
AOC-4	Earthen Waste Pits near SSHS Gym and Pool	Structure / Integrity / Contents / Release Connection to Pre 1979 Combined Sewer Contaminated Soil Vapor

TABLE 2-2
Potential Areas of Concern Identified by NYSDEC
Former Sperry Remington Site – North Portion
Elmira, Chemung County, New York

Potential Area of Concern[1]	Description	NYSDEC Characterization
AOC-5	Sludge Tanks/Beds/Brick Pits near Building 64	Structure / Integrity / Contents / Release Connection to Pre 1979 Combined Sewer Contaminated Soil Vapor
AOC-6	Concrete Vaults	Structure / Integrity / Contents / Release Connection to Pre 1979 Combined Sewer Contaminated Soil Vapor
AOC-7	Drywell Structures	Structure / Integrity / Contents / Release
AOC-8	Westinghouse Transformer Spill near Building 28A	Nature & Extent of Release(s) PCB Contaminated Soils at locations B15 & FB7 Other PCB Containing Equipment During Westinghouse Site Operation
AOC-9	Oil Storage and Handling	Oil House Waste Oil Storage Quench Oil Reservoir Structure / Integrity / Contents / Release Connection to Pre 1979 Combined Sewer
AOC-10	Contaminated Subsurface Soils	Nature & Extent Delineation o PCBs at Locations B3, FB7 & B15 o VOCs at Location FB5 o Metals at Locations B24, B35, SS14, B42, B43 & B52 o SVOCs at Location FB6 o Oil Contaminated Soils at 1977 Empire Report Locations
AOC-11	VOC- and Petroleum-Impacted Groundwater	Nature & Extent Delineation o Potential Soil / Structure Sources
AOC-11A	Measured Oil Product at MW8-10 and MW-32	Extent Delineation Potential Soil / Structure Sources
MW-11B	PCBs at MW-41	Extent Delineation Potential Soil / Structure Sources
AOC-12	Plating, Heat Treatment and Tumbling Areas	Different Locations Over Period of Operation • Spill Collection & Storage Pits, Sumps, Tanks • Material/Chemical Storage & Waste Discharge Extent Delineation Potential Soil / Structure Sources

TABLE 2-2
Potential Areas of Concern Identified by NYSDEC
Former Sperry Remington Site – North Portion
Elmira, Chemung County, New York

Potential Area of Concern[1]	Description	NYSDEC Characterization
AOC-13	Metals Cleaning, Vapor Degreaser and Solvent Still	Different Locations Over Period of Operation • Spill Collection & Storage Pits, Sumps, Tanks • Material/Chemical Storage & Waste Discharge Characterization Extent Delineation Potential Soil / Structure Sources
AOC-14	Power Washer, Rust Prevention Dip Operation	Different Locations Over Period of Operation Solvent Emulsions • Spill Collection & Storage Pits, Sumps, Tanks • Material/Chemical Storage & Waste Discharge Extent Delineation Potential Soil / Structure Sources
AOC-15	Wire Pickling Area	Different Locations Over Period of Operation • Spill Collection & Storage Pits, Sumps, Tanks • Material/Chemical Storage & Waste Discharge Extent Delineation Potential Soil / Structure Sources
AOC-16	Machine Shop Area	Different Locations Over Period of Operation • Spill Collection & Storage Pits, Sumps, Tanks • Material/Chemical Storage & Waste Discharge Extent Delineation Potential Soil / Structure Sources
AOC-17	Possible Disposal Areas	Extent Delineation Potential Soil Sources

Notes

AOC – Area of Concern

NYSDEC – New York State Department of Environmental Conservation

1. AOCs for Southside High School and adjacent properties were identified by NYSDEC in a report dated 4 October 2013.

TABLE 2-3
COMPOUNDS OF POTENTIAL CONCERN - SOIL
Former Sperry Remington Site - North Portion
Elmira, New York

Constituent Type	Sampling Depth (feet)	Constituent Name	Action Level*
SVOC	0 to 0.17	Benz(a)anthracene	1
		Benzo(a) pyrene	1
		Benzo(b)fluoranthene	1
		Dibenz(a,h)anthracene	0.33
		Indeno(1,2,3-c,d)pyrene	0.5
Metal		Copper	270
PCB		Total PCBs	1
SVOC	0.17-2	Benz(a)anthracene	1
		Benzo(a) pyrene	1
		Benzo(b)fluoranthene	1
		Benzo(k)fluoranthene	3.9
		Chrysene	3.9
		Dibenz(a,h)anthracene	0.33
		Fluoranthene	100
		Indeno(1,2,3-c,d)pyrene	0.5
		Phenanthrene	100
		Pyrene	100
Metal		Arsenic	16
		Barium	400
		Copper	270
		Lead	400
		Mercury	0.81
		Nickel	310
PCB		Total PCBs	1
SVOC	> 2	Benz(a)anthracene	1
		Benzo(a) pyrene	1
		Benzo(b)fluoranthene	1
		Chrysene	3.9
		Dibenz(a,h)anthracene	0.33
		Indeno(1,2,3-c,d)pyrene	0.5
Metal		Barium	400
PCB		Total PCBs	1
General Chemistry		Cyanide, Total	27

Notes:
* all values are in mg/kg
PCB - Polychlorinated biphenyl
SVOC - Semi volatile organic compound
VOC - Volatile organic compound

TABLE 2-4
COMPOUNDS OF POTENTIAL CONCERN - GROUNDWATER
Former Sperry Remington Site - North Portion
Elmira, New York

Analytical Group	Constituent Name	TOGS 1.1.1
VOC	1,1,1-trichloroethane	5
	Acetone	50
	cis-1,2-dichloroethene	5
	Freon 113	5
	Tetrachloroethene	5
	Trichloroethene	5
	Vinyl chloride	2
PCB	Total PCBs	0.09
Metal	Lead	50
SVOC	Benz(a)anthracene	0.002
	Chrysene	0.002

Notes:
All values are in micrograms per litre (µg/L)
PCB - Polychlorinated biphenyl
VOC - Volatile organic compound
SVOC - Semi-volatile organic compound
TOGS 1.1.1 - Technical Operational Guidance Series 1.1.1 (NYSDEC, 1998).
NYSDEC - New York State Department of Environmental Conservation

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	Trichloroethene	Q	trans-1,2-Dichloroethene	Q	Freon 12	Q	cis-1,2-Dichloroethene	Q	Freon 113	Q	Freon 11	Q	Toluene	Q	PCE	Q	Styrene	Q	Propylbenzene	Q	o-Xylene	Q	m,p-Xylene	Q
Location	Sample ID																								
Hallway Near Main Entrance	SSHS-07-08-14-01-IA					4.4						1.4		5.3								0.56		1.6	
Hallway Near Main Entrance	SSHS-07-13-14-01-SS					2800												530							
Hallway Near Main Entrance	SSHS-07-16-14-01-HVS-1	9.8				1600								190						58		180		470	
Hallway Near Main Entrance	SSHS-07-16-14-01-HVS-2	17				1200																			
Room 130	SSHS-07-08-14-02-IA	0.51				17						1.5		2.5								0.38			
Room 130	SSHS-07-14-14-02-SS	7300		22		3100		83																	
Room 130	SSHS-07-14-14-02-SS-DUP	7200		22		2900		74																	
Room 130	SSHS-07-15-14-02-HVS-1	6700		23	J	820		120						23											
Room 130	SSHS-07-15-14-02-HVS2	3500				650		70																	
Room 127	SSHS-07-08-14-03-IA	1.9				16		0.25				1.6		2.3								0.43		1.2	
Room 127	SSHS-07-08-14-IAON-127	1.9				11		0.24				0.91		5								0.82		2.4	
Room 127	SSHS-07-13-14-03-SS	39000		170		1100		2000																	
Room 127	SSHS-07-16-14-03-HVS-1	28000		110	J	730		1500																	
Room 127	SSHS-7-16-14-3-HVS-1-DUP	28000		100	J	640		1500																	
Room 127	SSHS-07-16-14-03-HVS-2	20000		69	J	440		970																	
Room 125	SSHS-07-08-14-04-IA	0.28				10								1.8								0.42		1.2	
Room 125	SSHS-07-13-14-04-SS	390				3600																			
Room 125	SSHS-07-15-14-04-HVS1	310				2300																			
Room 125	SSHS-7-15-14-04-HVS-2	330				2600																			
Room 124	SSHS-07-08-14-05-IA	0.18				13000								1.7								0.41		1.2	
Room 124	SSHS-07-13-14-05-SS	2100				13																			
Room 124	SSHS-07-15-14-05-HVS1	2600				18000																			
Room 124	SSHS-07-15-14-05-HVS2	1600				5600																			
Room 122	SSHS-07-08-14-06-IA	0.17				9.9						1		1.9								0.59		1.6	
Room 122	SSHS-07-13-14-06-SS					12000																			
Room 122	SSHS-7-15-14-06-HVS-1					13000																			
Room 122	SSHS-7-15-14-06-HVS-2					12000																			
Room 120	SSHS-07-08-14-07-IA					6.5						1		1.4								0.33		1	
Room 120	SSHS-07-14-14-07-SS					18000																			
Room 120	SSHS-7-15-14-07-HVS-1					15000																			
Room 120	SSHS-7-15-14-07-HVS-2					13000																			
Room 129 (Guidance)	SSHS-07-08-14-08-IA	0.44				12								5.6				1				0.68		2.1	
Room 129 (Guidance)	SSHS-07-13-14-08-SS	3300				79																			
Hallway Outside Guidance Area	SSHS-07-16-14-08-HVS-1	2800				100								12				97							
Hallway Outside Guidance Area	SSHS-07-16-14-08-HVS-2					67												28							
Room 100 (Library)	SSHS-07-08-14-09-IA	0.19				11								4.7				0.83				0.64		1.8	
Hallway Outside Library	SSHS-07-13-14-09-SS					140								49		34		330		16		18		300	
Hallway Outside Library	SSHS-07-15-14-09-HVS-1					64										27									
Hallway Outside Library	SSHS-07-15-14-09-HVS-2					53										25									

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	Methylene Chloride	Q	Hexane	Q	Heptane	Q	Ethyl Benzene	Q	Ethanol	Q	Cyclohexane	Q	Cumene	Q	Chloromethane	Q	Chloroform	Q	Carbon Tetrachloride	Q	Carbon Disulfide	Q	Benzene	Q	Acetone	Q
Location	Sample ID																										
Hallway Near Main Entrance	SSHS-07-08-14-01-IA							0.42		5.9						1.2		0.24		0.63						32	
Hallway Near Main Entrance	SSHS-07-13-14-01-SS							9.9		64																200	
Hallway Near Main Entrance	SSHS-07-16-14-01-HVS-1			10		5.3		100																47		63	
Hallway Near Main Entrance	SSHS-07-16-14-01-HVS-2																UJ										
Room 130	SSHS-07-08-14-02-IA							0.29		11						1		0.33		0.62						16	
Room 130	SSHS-07-14-14-02-SS																										
Room 130	SSHS-07-14-14-02-SS-DUP																										
Room 130	SSHS-07-15-14-02-HVS-1																										
Room 130	SSHS-07-15-14-02-HVS2			28																							
Room 127	SSHS-07-08-14-03-IA							0.32		22						0.96				0.66				0.27		20	
Room 127	SSHS-07-08-14-IAON-127					2.3		0.58		21	J					0.84				0.35				0.41		22	J
Room 127	SSHS-07-13-14-03-SS																										
Room 127	SSHS-07-16-14-03-HVS-1																										
Room 127	SSHS-7-16-14-3-HVS-1-DUP																										
Room 127	SSHS-07-16-14-03-HVS-2																										
Room 125	SSHS-07-08-14-04-IA							0.32		12	J					0.79				0.38		2.5		0.25		12	J
Room 125	SSHS-07-13-14-04-SS																										
Room 125	SSHS-07-15-14-04-HVS1																										
Room 125	SSHS-7-15-14-04-HVS-2																										
Room 124	SSHS-07-08-14-05-IA							0.32		6.6	J					0.76				0.39						11	J
Room 124	SSHS-07-13-14-05-SS																										
Room 124	SSHS-07-15-14-05-HVS1													15													
Room 124	SSHS-07-15-14-05-HVS2																										
Room 122	SSHS-07-08-14-06-IA							0.4		8.1	J					0.79				0.39				0.32		11	J
Room 122	SSHS-07-13-14-06-SS																										
Room 122	SSHS-7-15-14-06-HVS-1																										
Room 122	SSHS-7-15-14-06-HVS-2																										
Room 120	SSHS-07-08-14-07-IA							0.26		7.4	J					0.9				0.4						11	J
Room 120	SSHS-07-14-14-07-SS																									320	
Room 120	SSHS-7-15-14-07-HVS-1																										
Room 120	SSHS-7-15-14-07-HVS-2																										
Room 129 (Guidance)	SSHS-07-08-14-08-IA					0.98		0.68		55	J					1				0.41				0.44		43	J
Room 129 (Guidance)	SSHS-07-13-14-08-SS																									28	
Hallway Outside Guidance Area	SSHS-07-16-14-08-HVS-1																									83	
Hallway Outside Guidance Area	SSHS-07-16-14-08-HVS-2																							9		94	
Room 100 (Library)	SSHS-07-08-14-09-IA			1.8		6.5		0.5		27	J					0.94				0.39				0.4		26	J
Hallway Outside Library	SSHS-07-13-14-09-SS			9.1		5.1		68		100				7.2										86		210	
Hallway Outside Library	SSHS-07-15-14-09-HVS-1																										
Hallway Outside Library	SSHS-07-15-14-09-HVS-2																										

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	2-Butanone (Methyl Ethyl Ketone)	Q	4-Methyl-2-pentanone	Q	4-Ethyltoluene	Q	2,2,4-Trimethylpentane	Q	2-Propanol	Q	1,4-Dioxane	Q	1,3,5-Trimethylbenzene	Q	1,2,4-Trimethylbenzene	Q	1,2-Dichloroethane	Q	1,1,1-Trichloroethane	Q
Location	Sample ID																				
Hallway Near Main Entrance	SSHS-07-08-14-01-IA																				
Hallway Near Main Entrance	SSHS-07-13-14-01-SS	29																		42	
Hallway Near Main Entrance	SSHS-07-16-14-01-HVS-1	15				210								67		270				23	
Hallway Near Main Entrance	SSHS-07-16-14-01-HVS-2																			16	
Room 130	SSHS-07-08-14-02-IA																	0.17			
Room 130	SSHS-07-14-14-02-SS																				
Room 130	SSHS-07-14-14-02-SS-DUP																				
Room 130	SSHS-07-15-14-02-HVS-1																				
Room 130	SSHS-07-15-14-02-HVS2																				
Room 127	SSHS-07-08-14-03-IA	2.7																0.53			
Room 127	SSHS-07-08-14-IAON-127	2.9								8.4								1.6			
Room 127	SSHS-07-13-14-03-SS																				
Room 127	SSHS-07-16-14-03-HVS-1																				
Room 127	SSHS-7-16-14-3-HVS-1-DUP																				
Room 127	SSHS-07-16-14-03-HVS-2																				
Room 125	SSHS-07-08-14-04-IA									2								0.18			
Room 125	SSHS-07-13-14-04-SS																				
Room 125	SSHS-07-15-14-04-HVS1																				
Room 125	SSHS-7-15-14-04-HVS-2																				
Room 124	SSHS-07-08-14-05-IA	2.5																0.21			
Room 124	SSHS-07-13-14-05-SS																				
Room 124	SSHS-07-15-14-05-HVS1																				
Room 124	SSHS-07-15-14-05-HVS2																				
Room 122	SSHS-07-08-14-06-IA																				
Room 122	SSHS-07-13-14-06-SS																				
Room 122	SSHS-7-15-14-06-HVS-1																				
Room 122	SSHS-7-15-14-06-HVS-2																				
Room 120	SSHS-07-08-14-07-IA																				
Room 120	SSHS-07-14-14-07-SS			60				7.4													
Room 120	SSHS-7-15-14-07-HVS-1																				
Room 120	SSHS-7-15-14-07-HVS-2																				
Room 129 (Guidance)	SSHS-07-08-14-08-IA	5		3.4						11		0.59						0.37			
Room 129 (Guidance)	SSHS-07-13-14-08-SS																				
Hallway Outside Guidance Area	SSHS-07-16-14-08-HVS-1	80																			
Hallway Outside Guidance Area	SSHS-07-16-14-08-HVS-2	34																			
Room 100 (Library)	SSHS-07-08-14-09-IA	3.2								6.1		0.65				0.96		0.19			
Hallway Outside Library	SSHS-07-13-14-09-SS	44				67								20		72				17	
Hallway Outside Library	SSHS-07-15-14-09-HVS-1	36																		11	
Hallway Outside Library	SSHS-07-15-14-09-HVS-2	36																		8.7	

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	Trichloroethene	Q	trans-1,2-Dichloroethene	Q	Freon 12	Q	cis-1,2-Dichloroethene	Q	Freon 113	Q	Freon 11	Q	Toluene	Q	PCE	Q	Styrene	Q	Propylbenzene	Q	o-Xylene	Q	m,p-Xylene	Q
Room 101	SSHS-07-08-14-10-IA					6.9						1.1		44				0.7				4		13	
Room 101	SSHS-07-14-14-10-SS					120						17				7.7									
Room 101	SSHS-7-16-14-10-HVS-1					71						6.7		620						13		170		410	
Room 101	SSHS-7-16-14-10-HVS-2					60						6.7		6.1								170			
Room 115	SSHS-07-08-14-11-IA					9.5						1		3.9				0.76				0.55		1.6	
Room 115	SSHS-07-14-14-11-SS					26										29									
Room 115	SSHS-07-15-14-11-HVS-01					22										12									
Room 115	SSHS-7-15-14-11-HVS-2					21								6		9.9									
Room 115	SSHS-7-15-14-11-HVS-2-DUP					21								5.9		8.6									
Room 116	SSHS-07-08-14-12-IA					9.7						0.9		1.8								0.34		0.96	
Room 116	SSHS-07-14-14-12-SS					6900																			
Room 116	SSHS-7-15-14-12-HVS-01					4800																			
Room 116	SSHS-07-15-14-12-HVS-02					4600																			
Room 111	SSHS-07-08-14-13-IA					15								1.4								0.29		0.82	
Room 111	SSHS-07-14-14-13-SS	7.3				1400										24									
Room 111	SSHS-07-15-14-13-HVS1					750										9.9									
Room 111	SSHS-07-15-14-13-HVS2					1200								5.4		8.4									
Room 103	SSHS-07-08-14-14-IA*					9.6						1		13								1.3		4.1	
Room 106	SSHS-07-14-14-14-SS*	11				620								35								5		14	
Room 106	SSHS-07-15-14-14-HVS1					280																			
Room 106	SSHS-07-15-14-14-HVS2					320								5.3											
Room 105	SSHS-07-08-14-15-IA*					13								4.4								0.36		0.97	
Room 104	SSHS-07-14-14-15-SS*					22000																			
Room 104	SSHS-07-16-14-15-HVS-01					16000																			
Room 104	SSHS-07-16-14-15-HVS-02					3700																			
Auditorium	SSHS-07-10-14-16-IA					2						0.95		0.5											
Auditorium	SSHS-07-10-14-16-IA-DUP					2								0.38											
Back Stage	SSHS-07-14-14-16-SS					270								13				11						9.4	
Back Stage	SSHS-07-16-14-16-HVS-01					180								6.7											
Back Stage	SSHS-07-16-14-16-HVS-02					200																			
Room 136A	SSHS-07-10-14-17-IA					2						1.1		0.63											
Hallway Outside Room 136A	SSHS-07-14-14-17-SS					540				13															
Hallway Outside Room 136A	SSHS-07-16-14-17-HVS-01					1600																			
Hallway Outside Room 136A	SSHS-07-16-14-17-HVS-02					840																			
Custodian Break Room (M14)	SSHS-07-10-14-18-IA	0.67	J			3.5						1.2		20				3.1				2.2		6.4	
Custodian's Storage	SSHS-07-14-14-18-SS					5000						130													
Custodian's Storage	SSHS-07-16-14-18-HVS-01					5800						69													
Custodian's Storage	SSHS-07-16-14-18-HVS-02					6700						75													
Room 138A	SSHS-07-10-14-19-IA					2.2						0.93		0.58											
Room 138A	SSHS-07-14-14-19-SS					880								24								5.6		23	
Room 138A	SSHS-07-16-14-19-HVS-01					3100								16		38									
Room 138A	SSHS-07-16-14-19-HVS-02					4500								13		29									

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	Methylene Chloride	Q	Hexane	Q	Heptane	Q	Ethyl Benzene	Q	Ethanol	Q	Cyclohexane	Q	Cumene	Q	Chloromethane	Q	Chloroform	Q	Carbon Tetrachloride	Q	Carbon Disulfide	Q	Benzene	Q	Acetone	Q
Room 101	SSHS-07-08-14-10-IA	1.6		5.7		9.4		3.1		25	J	1.4				0.84				0.39				1.5		110	J
Room 101	SSHS-07-14-14-10-SS									63														110		97	
Room 101	SSHS-7-16-14-10-HVS-1							76																110		67	
Room 101	SSHS-7-16-14-10-HVS-2																									67	
Room 115	SSHS-07-08-14-11-IA			1.7		3.7		0.42		22	J					0.92				0.4				0.36		21	J
Room 115	SSHS-07-14-14-11-SS									8.5																	
Room 115	SSHS-07-15-14-11-HVS-01			7																							
Room 115	SSHS-7-15-14-11-HVS-2			12																							
Room 115	SSHS-7-15-14-11-HVS-2-DUI			12																							
Room 116	SSHS-07-08-14-12-IA							0.24		10	J					0.86				0.38				0.26		12	J
Room 116	SSHS-07-14-14-12-SS																										
Room 116	SSHS-7-15-14-12-HVS-01																										
Room 116	SSHS-07-15-14-12-HVS-02																										
Room 111	SSHS-07-08-14-13-IA			1.6				0.23		9.3	J					1.1				0.38						9.6	J
Room 111	SSHS-07-14-14-13-SS			9																							
Room 111	SSHS-07-15-14-13-HVS1																										
Room 111	SSHS-07-15-14-13-HVS2			4.7																							
Room 103	SSHS-07-08-14-14-IA*					1.4		1		22	J					0.84				0.38				0.66		37	J
Room 106	SSHS-07-14-14-14-SS*									51		6.1												3.8		45	
Room 106	SSHS-07-15-14-14-HVS1									39	J																
Room 106	SSHS-07-15-14-14-HVS2									38																	
Room 105	SSHS-07-08-14-15-IA*							0.27		50	J					0.76				0.36						14	J
Room 104	SSHS-07-14-14-15-SS*																										
Room 104	SSHS-07-16-14-15-HVS-01																										
Room 104	SSHS-07-16-14-15-HVS-02																										
Auditorium	SSHS-07-10-14-16-IA									2.3	J					0.85				0.42						4.8	J
Auditorium	SSHS-07-10-14-16-IA-DUP									2.3	J					0.78				0.39						3.4	J
Back Stage	SSHS-07-14-14-16-SS			10		15						7.7												5.2			
Back Stage	SSHS-07-16-14-16-HVS-01																									33	
Back Stage	SSHS-07-16-14-16-HVS-02																									33	
Room 136A	SSHS-07-10-14-17-IA									2.5	J					0.74		0.39		0.4						3.8	J
Hallway Outside Room 136A	SSHS-07-14-14-17-SS																									30	
Hallway Outside Room 136A	SSHS-07-16-14-17-HVS-01																										
Hallway Outside Room 136A	SSHS-07-16-14-17-HVS-02																UJ										
Custodian Break Room (M14)	SSHS-07-10-14-18-IA			2.5		1.3		1.4		100	J					0.81		0.7		0.39				0.94		22	J
Custodian's Storage	SSHS-07-14-14-18-SS																										
Custodian's Storage	SSHS-07-16-14-18-HVS-01																										
Custodian's Storage	SSHS-07-16-14-18-HVS-02																										
Room 138A	SSHS-07-10-14-19-IA										UJ					0.74				0.4						4.3	J
Room 138A	SSHS-07-14-14-19-SS			13		11						7.3												7.7			
Room 138A	SSHS-07-16-14-19-HVS-01																									160	
Room 138A	SSHS-07-16-14-19-HVS-02																									210	

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	2-Butanone (Methyl Ethyl Ketone)	Q	4-Methyl-2-pentanone	Q	4-Ethyltoluene	Q	2,2,4-Trimethylpentane	Q	2-Propanol	Q	1,4-Dioxane	Q	1,3,5-Trimethylbenzene	Q	1,2,4-Trimethylbenzene	Q	1,2-Dichloroethane	Q	1,1,1-Trichloroethane	Q
Room 101	SSHS-07-08-14-10-IA	4.4				1.4				4.9						1.6					
Room 101	SSHS-07-14-14-10-SS	16																			
Room 101	SSHS-7-16-14-10-HVS-1	23				90								34		120					
Room 101	SSHS-7-16-14-10-HVS-2	23				90										120					
Room 115	SSHS-07-08-14-11-IA	3								4.7						1					
Room 115	SSHS-07-14-14-11-SS																			14	
Room 115	SSHS-07-15-14-11-HVS-01																				
Room 115	SSHS-7-15-14-11-HVS-2																				
Room 115	SSHS-7-15-14-11-HVS-2-DUI																				
Room 116	SSHS-07-08-14-12-IA	2.5																			
Room 116	SSHS-07-14-14-12-SS																				
Room 116	SSHS-7-15-14-12-HVS-01																				
Room 116	SSHS-07-15-14-12-HVS-02																				
Room 111	SSHS-07-08-14-13-IA											0.79									
Room 111	SSHS-07-14-14-13-SS																			9	
Room 111	SSHS-07-15-14-13-HVS1																				
Room 111	SSHS-07-15-14-13-HVS2																				
Room 103	SSHS-07-08-14-14-IA*	3.3								2.5		0.92				0.97					
Room 106	SSHS-07-14-14-14-SS*																				
Room 106	SSHS-07-15-14-14-HVS1																				
Room 106	SSHS-07-15-14-14-HVS2																				
Room 105	SSHS-07-08-14-15-IA*	6.2		2.3								1									
Room 104	SSHS-07-14-14-15-SS*																				
Room 104	SSHS-07-16-14-15-HVS-01																				
Room 104	SSHS-07-16-14-15-HVS-02																				
Auditorium	SSHS-07-10-14-16-IA											0.66									
Auditorium	SSHS-07-10-14-16-IA-DUP																				
Back Stage	SSHS-07-14-14-16-SS															6.3					
Back Stage	SSHS-07-16-14-16-HVS-01	31																			
Back Stage	SSHS-07-16-14-16-HVS-02																				
Room 136A	SSHS-07-10-14-17-IA																				
Hallway Outside Room 136A	SSHS-07-14-14-17-SS																				
Hallway Outside Room 136A	SSHS-07-16-14-17-HVS-01																				
Hallway Outside Room 136A	SSHS-07-16-14-17-HVS-02																				
Custodian Break Room (M14)	SSHS-07-10-14-18-IA					2.9				4.6				1.2		3.4					
Custodian's Storage	SSHS-07-14-14-18-SS																				
Custodian's Storage	SSHS-07-16-14-18-HVS-01																				
Custodian's Storage	SSHS-07-16-14-18-HVS-02																				
Room 138A	SSHS-07-10-14-19-IA																				
Room 138A	SSHS-07-14-14-19-SS					6.3										8.6					
Room 138A	SSHS-07-16-14-19-HVS-01																				
Room 138A	SSHS-07-16-14-19-HVS-02																				

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	Trichloroethene	Q	trans-1,2-Dichloroethene	Q	Freon 12	Q	cis-1,2-Dichloroethene	Q	Freon 113	Q	Freon 11	Q	Toluene	Q	PCE	Q	Styrene	Q	Propylbenzene	Q	o-Xylene	Q	m,p-Xylene	Q
Room 142 (Wellness Ctr)	SSHS-07-10-14-20-IA					2.4						0.95		1.1								0.18		1.4	
Room 142 (Wellness Ctr)	SSHS-07-14-14-20-SS					58								6.6										64	
Room 142 (Wellness Ctr)	SSHS-07-16-14-20-HVS-01					87										9.7									
Room 142 (Wellness Ctr)	SSHS-07-16-14-20-HVS-02					140										7.4									
Room 145 Nurses Office	SSHS-07-10-14-21-IA	9.4	J			2						0.94		0.52										0.3	
Room 145 Nurses Office	SSHS-07-10-14-21-IA-DUP					2.2						1.1		0.81										0.34	
Room 145 Nurses Office	SSHS-07-14-14-21-SS	14				14	J		J	15						16								11	
Room 145 Nurses Office	SSHS-07-14-14-21-SS-DUP					20	J		J	16				19											
Room 145 Nurses Office	SSHS-07-16-14-21-HVS-01	7.3				13				11				7.2											
Room 145 Nurses Office	SSHS-07-16-14-21-HVS-02	7.4				12								5.8											
Room 171 (Aux Gym)	SSHS-07-10-14-22-IA					4.9						1.1		0.92								0.14		0.36	J
Room 171 (Aux Gym)	SSHS-07-10-14-22-IA DUP					4.9						0.88		1.2								0.17		0.41	
Room 171 (Aux Gym)	SSHS-07-14-14-22-SS					48																			
Room 171 (Aux Gym)	SSHS-07-16-14-22-HVS-01					78								4.7											
Room 171 (Aux Gym)	SSHS-07-16-14-22-HVS-02					180																			
Room 156 (Girls Locker Room)	SSHS-07-10-14-23-IA					2.1								0.53											
Room 156 (Girls Locker Room)	SSHS-07-14-14-23-SS					33								12										6.7	
Room 156 (Girls Locker Room)	SSHS-07-16-14-23-HVS1					27																			
Room 156 (Girls Locker Room)	SSHS-07-16-14-23-HVS2					29																			
Rooftop	SSHS-07-08-14-OA-01					2						1		1.2								0.2		0.61	
Overnight Rooftop	SSHS-07-08-14-OAON-01					1.6								1.2								0.2		0.58	
Rooftop	SSHS-07-10-14-OA-O2					1.9								0.3											

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	Methylene Chloride	Q	Hexane	Q	Heptane	Q	Ethyl Benzene	Q	Ethanol	Q	Cyclohexane	Q	Cumene	Q	Chloromethane	Q	Chloroform	Q	Carbon Tetrachloride	Q	Carbon Disulfide	Q	Benzene	Q	Acetone	Q
Room 142 (Wellness Ctr)	SSHS-07-10-14-20-IA							0.14			UJ					0.78		0.24		0.4				0.28		6.3	J
Room 142 (Wellness Ctr)	SSHS-07-14-14-20-SS													15										4.3			
Room 142 (Wellness Ctr)	SSHS-07-16-14-20-HVS-01																									34	
Room 142 (Wellness Ctr)	SSHS-07-16-14-20-HVS-02																									48	
Room 145 Nurses Office	SSHS-07-10-14-21-IA									5.6	J					0.76		0.59		0.39						5.8	J
Room 145 Nurses Office	SSHS-07-10-14-21-IA-DUP									6.8	J					0.73		0.57		0.41				0.27		5.3	J
Room 145 Nurses Office	SSHS-07-14-14-21-SS									43	J							5.9				36	J			36	J
Room 145 Nurses Office	SSHS-07-14-14-21-SS-DUP																	16								27	
Room 145 Nurses Office	SSHS-07-16-14-21-HVS-01																										
Room 145 Nurses Office	SSHS-07-16-14-21-HVS-02																										
Room 171 (Aux Gym)	SSHS-07-10-14-22-IA									8.8	J					0.81		0.33		0.41						9.2	J
Room 171 (Aux Gym)	SSHS-07-10-14-22-IA DUP							0.14		7.6	J					0.7		0.37		0.39						6.5	J
Room 171 (Aux Gym)	SSHS-07-14-14-22-SS																									530	
Room 171 (Aux Gym)	SSHS-07-16-14-22-HVS-01																									84	
Room 171 (Aux Gym)	SSHS-07-16-14-22-HVS-02																									32	
Room 156 (Girls Locker Room)	SSHS-07-10-14-23-IA									3	J					0.71		14		0.35						3.8	J
Room 156 (Girls Locker Room)	SSHS-07-14-14-23-SS			4.5																						49	
Room 156 (Girls Locker Room)	SSHS-07-16-14-23-HVS1																										
Room 156 (Girls Locker Room)	SSHS-07-16-14-23-HVS2																										
Rooftop	SSHS-07-08-14-OA-01									2.9	J					0.84				0.35						9.5	J
Overnight Rooftop	SSHS-07-08-14-OAON-01							0.15		3.3	J					0.79		0.16	J	0.36				0.28		9.4	J
Rooftop	SSHS-07-10-14-OA-O2											ND,UJ				0.79				0.35						5.5	J

TABLE 2-5
MEASURED CONCENTRATIONS OF VOCs IN INDOOR AIR, OUTDOOR AIR, SUB-SLAB VAPOR AND HVS DISCHARGE SAMPLES
2014
Elmira High School
Elmira, New York

	RESULTS (ug/m3)	2-Butanone (Methyl Ethyl Ketone)	Q	4-Methyl-2-pentanone	Q	4-Ethyltoluene	Q	2,2,4-Trimethylpentane	Q	2-Propanol	Q	1,4-Dioxane	Q	1,3,5-Trimethylbenzene	Q	1,2,4-Trimethylbenzene	Q	1,2-Dichloroethane	Q	1,1,1-Trichloroethane	Q
Room 142 (Wellness Ctr)	SSHS-07-10-14-20-IA			1.3						8.6											
Room 142 (Wellness Ctr)	SSHS-07-14-14-20-SS			14																40	
Room 142 (Wellness Ctr)	SSHS-07-16-14-20-HVS-01																			26	
Room 142 (Wellness Ctr)	SSHS-07-16-14-20-HVS-02																			19	
Room 145 Nurses Office	SSHS-07-10-14-21-IA																				
Room 145 Nurses Office	SSHS-07-10-14-21-IA-DUP											0.66								6.6	J
Room 145 Nurses Office	SSHS-07-14-14-21-SS																				
Room 145 Nurses Office	SSHS-07-14-14-21-SS-DUP																				
Room 145 Nurses Office	SSHS-07-16-14-21-HVS-01																				
Room 145 Nurses Office	SSHS-07-16-14-21-HVS-02																				
Room 171 (Aux Gym)	SSHS-07-10-14-22-IA			1.9						2.8								0.13			
Room 171 (Aux Gym)	SSHS-07-10-14-22-IA DUP			1.9														0.13			
Room 171 (Aux Gym)	SSHS-07-14-14-22-SS	44		2000						170											
Room 171 (Aux Gym)	SSHS-07-16-14-22-HVS-01			180						18											
Room 171 (Aux Gym)	SSHS-07-16-14-22-HVS-02			47																	
Room 156 (Girls Locker Room)	SSHS-07-10-14-23-IA																				
Room 156 (Girls Locker Room)	SSHS-07-14-14-23-SS	19																			
Room 156 (Girls Locker Room)	SSHS-07-16-14-23-HVS1																				
Room 156 (Girls Locker Room)	SSHS-07-16-14-23-HVS2																				
Rooftop	SSHS-07-08-14-OA-01											1.5									
Overnight Rooftop	SSHS-07-08-14-OAON-01																				
Rooftop	SSHS-07-10-14-OA-O2																				

Table 2-6
Sampling Results Detected Compounds June 2018
Former Sperry Remington Site-North Portion
Elmira, New York

Location	Sample ID	1,1,1-Trichloroethane	Q	1,1,2,2-Tetrachloroethane	Q	1,2,4-Trimethylbenzene	Q	1,2-Dichloroethane	Q	1,2-Dichloropropane	Q	1,3,5-Trimethylbenzene	Q	1,4-Dioxane	Q	2,2,4-Trimethylpentane	Q	2-Butanone (Methyl Ethyl Ketone)	Q
Cafeteria	EHS-062818-EF-CAFA																		
Cafeteria	EHS-062818-EF-CAFR																		
Cafeteria	EHS-062818-IA-CAF-UN					3.4		0.14				0.77		0.93				5	
Cafeteria	EHS-062918-IA-CAF-OCC																	3.1	
F Wing	EHS-062818-EF-FWING																	70	
Gym	EHS-062818-EF-GYM																		
Gym	EHS-062818-IA-GYM-UN																	3.6	
Gym	EHS-062918-IA-GYM-OCC																		
K Wing	EHS-062818-EF-KWING																		
K Wing	EHS-062818-IA-K-UN							0.16										2.6	
K Wing	EHS-062818-OA-K-UN																		
K Wing	EHS-062918-IA-K-OCC																	4.2	
K Wing	EHS-062918-OA-K-OCC					3.9		0.41	J							7.5	J	11	J
Room 100	EHS-062818-IA-100-UN							0.42						1.5				4	
Room 100	EHS-062918-IA-100-OCC																		
Room 100	EHS-062918-IA-100-OCC-DUP																		
Room 103	EHS-062818-IA-103-UN							0.22										3.8	
Room 103	EHS-062818-SS-103-UN																	15	
Room 103	EHS-062918-IA-103-OCC																	2.3	J
Room 104	EHS-062818-IA-104-UN							0.16										3.4	
Room 104	EHS-062918-IA-104-OCC																	2.7	
Room 109	EHS-062818-IA-109-UN							0.12											
Room 109	EHS-062818-SS-109-UN																	37	
Room 109	EHS-062918-IA-109-OCC																	2.4	
Room 120	EHS-062818-IA-120-UN							0.28										3.3	
Room 120	EHS-062818-SS-120-UN																	14	
Room 120	EHS-062918-IA-120-OCC																		
Room 120	EHS-062918-IA-120-OCC-DUP																		
Room 122	EHS-062818-IA-122-UN							0.62										6.7	
Room 122	EHS-062818-SS-122-UN																		
Room 122	EHS-062918-IA-122-OCC																	2.9	
Room 127	EHS-062818-IA-127-UN							1.1										3.1	
Room 127	EHS-062818-OA-127-UN-DUP																		
Room 127	EHS-062818-Oa-127-UN																		
Room 127	EHS-062918-IA-127-OCC							0.27										3.4	
Room 127	EHS-062918-OA-127-OCC													4.2				3.2	
Room 133	EHS-062818-IA-133-UN							0.43						1.2				2.9	
Room 133	EHS-062818-SS-133-UN																		
Room 133	EHS-062918-IA-133-OCC							0.3										4.1	
Room 135	EHS-062818-IA-135-UN					1.2		0.17										3.2	
Room 135	EHS-062818-IA-135-UN-DUP					1		0.18										3.3	
Room 135	EHS-062818-SS-135-UN																	22	
Room 135	EHS-062818-SS-135-UN-DUP																	26	J
Room 135	EHS-062918-HVS-135-1																	23	
Room 135	EHS-062918-HVS-135-2																		
Room 135	EHS-062918-IA-135-OCC																	4.1	
Room 138A	EHS-062818-IA-138A-UN					0.97		0.16										41	
Room 138A	EHS-062918-IA-138A-OCC																	4.4	
Room 139	EHS-062818-IA-139-UN	0.59				2.7		0.16										10	
Room 139	EHS-062918-IA-139-OCC	0.27				0.73	J											5.9	
Room 145	EHS-062818-IA-145-UN							4.6										4.2	
Room 145	EHS-062918-IA-145-OCC			0.37				0.9										3.8	
Room 148	EHS-062818-IA-148-UN																	2.4	
Room 148	EHS-062818-SS-148-UN																	14	
Room 148	EHS-062918-HVS-148-1																		
Room 148	EHS-062918-HVS-148-2																		
Room 148	EHS-062918-IA-148-OCC					2		0.14		1.7						4.4		7.6	
Room 151	EHS-062818-SS-151-UN																		
Room 151	EHS-062918-HVS-151-1																		
Room 151	EHS-062918-HVS-151-2																		
Room 151A	EHS-062818-IA-151A-UN					1.5		0.15										9.1	
Room 151A	EHS-062918-IA-151A-OCC			0.32														4.5	
Room 168	EHS-062818-IA-164-UN					1.6												3.3	
Room 168	EHS-062818-SS-164-UN																	17	
Room 168	EHS-062918-IA-164-OCC					3.5		0.25											

Note: Results are expressed in units of micrograms per cubic meter ($\mu g/m^3$)

Table 2-6
Sampling Results Detected Compounds June 2018
Former Sperry Remington Site-North Portion
Elmira, New York

Location	Sample ID	2-Propanol	Q	4-Ethyltoluene	Q	4-Methyl-2-pentanone	Q	Acetone	Q	Benzene	Q	Bromodichloromethane	Q	Carbon Tetrachloride	Q	Chloroform	Q	Chloromethane	Q
Cafeteria	EHS-062818-EF-CAFA																		
Cafeteria	EHS-062818-EF-CAFR							55								10			
Cafeteria	EHS-062818-IA-CAF-UN	7.3		3.8	J	1.3	J	31		0.52		1.8		0.39		7.1			
Cafeteria	EHS-062918-IA-CAF-OCC							18						0.48		0.45			
F Wing	EHS-062818-EF-FWING	12				9.5		110											
Gym	EHS-062818-EF-GYM															36			
Gym	EHS-062818-IA-GYM-UN							34		0.33		15		0.57		51			
Gym	EHS-062918-IA-GYM-OCC							13				1	J	0.44		3.1			
K Wing	EHS-062818-EF-KWING																		
K Wing	EHS-062818-IA-K-UN	12				1.2	J	26		0.4		1.2		0.42		4.7			
K Wing	EHS-062818-OA-K-UN							13		0.26				0.52		0.17			
K Wing	EHS-062918-IA-K-OCC	5.8						31		0.26				0.42		1.1		1.7	
K Wing	EHS-062918-OA-K-OCC	10	J	3		1.6	J	25	J	1	J			0.47	J	0.43	J		
Room 100	EHS-062818-IA-100-UN	10				0.7	J	42		0.5				0.43		4.4			
Room 100	EHS-062918-IA-100-OCC	2.2	J					16		0.27				0.5		0.42			
Room 100	EHS-062918-IA-100-OCC-DUP	4.2	J					16		0.3				0.5		0.4			
Room 103	EHS-062818-IA-103-UN	4.2				0.69	J	27		0.37				0.42		1.7			
Room 103	EHS-062818-SS-103-UN							120											
Room 103	EHS-062918-IA-103-OCC	1.9						19		0.26				0.48		0.18			
Room 104	EHS-062818-IA-104-UN	2.8						26		0.31				0.45		0.38			
Room 104	EHS-062918-IA-104-OCC							16		0.28				0.49		0.19			
Room 109	EHS-062818-IA-109-UN	3.4						17		0.37				0.4		0.64			
Room 109	EHS-062818-SS-109-UN	23				8		160											
Room 109	EHS-062918-IA-109-OCC							13						0.46		0.17			
Room 120	EHS-062818-IA-120-UN	3.3						22		0.39				0.34		1.2			
Room 120	EHS-062818-SS-120-UN	17				23		140											
Room 120	EHS-062918-IA-120-OCC							11		0.27				0.49		0.17			
Room 120	EHS-062918-IA-120-OCC-DUP							12		0.26				0.5		0.17			
Room 122	EHS-062818-IA-122-UN	9.6				1.2	J	32		0.44				0.35		3.4			
Room 122	EHS-062818-SS-122-UN					10		88											
Room 122	EHS-062918-IA-122-OCC							15		0.29				0.5		0.31			
Room 127	EHS-062818-IA-127-UN	6.8				0.73	J	26		0.42				0.38		2.4			
Room 127	EHS-062818-OA-127-UN-DUP							11		0.29	J			0.51					
Room 127	EHS-062818-Oa-127-UN							12		0.4	J			0.49					
Room 127	EHS-062918-IA-127-OCC	2						16		0.3				0.48		0.42			
Room 127	EHS-062918-OA-127-OCC	2.1						14						0.48					
Room 133	EHS-062818-IA-133-UN	8.9						29		0.47		2.9		0.47		11			
Room 133	EHS-062818-SS-133-UN							160											
Room 133	EHS-062918-IA-133-OCC	6.3						29		0.25				0.39		0.63			
Room 135	EHS-062818-IA-135-UN	5.8		0.98	J	0.94	J	28		0.57		3.9		0.48		16			
Room 135	EHS-062818-IA-135-UN-DUP	5.2		0.92	J	1	J	28		0.6		4.4		0.46		16		1.6	J
Room 135	EHS-062818-SS-135-UN	11		6.6	J			360	J							15	J		
Room 135	EHS-062818-SS-135-UN-DUP			42	J			1400	J	8	J								
Room 135	EHS-062918-HVS-135-1							100											
Room 135	EHS-062918-HVS-135-2							64											
Room 135	EHS-062918-IA-135-OCC	2.2						23						0.4		0.85			
Room 138A	EHS-062818-IA-138A-UN	4.9				1.7	J	84		0.94		3.5		0.49		15			
Room 138A	EHS-062918-IA-138A-OCC							17		0.98				0.36		0.69			
Room 139	EHS-062818-IA-139-UN	8.6		2	J	0.99	J	45		2.5		3.8		0.43		15			
Room 139	EHS-062918-IA-139-OCC	3.8						26		0.48				0.38		1.5			
Room 145	EHS-062818-IA-145-UN	15						41		0.44		11		0.5		48			
Room 145	EHS-062918-IA-145-OCC	4.4						22		0.36		1.4		0.44		5.3			
Room 148	EHS-062818-IA-148-UN	2.7						26		0.3				0.38		1.2			
Room 148	EHS-062818-SS-148-UN							81											
Room 148	EHS-062918-HVS-148-1																		
Room 148	EHS-062918-HVS-148-2																		
Room 148	EHS-062918-IA-148-OCC	6.8		1.7		0.96		36		0.62				0.62		0.53			
Room 151	EHS-062818-SS-151-UN							37											
Room 151	EHS-062918-HVS-151-1							130											
Room 151	EHS-062918-HVS-151-2							43											
Room 151A	EHS-062818-IA-151A-UN	11		1		0.85	J	87		0.52		1.1		0.45		5.3		1.5	
Room 151A	EHS-062918-IA-151A-OCC							23		0.35				0.37		0.34			
Room 168	EHS-062818-IA-164-UN	6		1.3				55		2.9		1.8		0.49		7.6			
Room 168	EHS-062818-SS-164-UN							74											
Room 168	EHS-062918-IA-164-OCC	6.2		2.5				20		0.5						0.5			

Note: Results are expressed in units of micrograms per cubic meter ($\mu g/m^3$)

Table 2-6
Sampling Results Detected Compounds June 2018
Former Sperry Remington Site-North Portion
Elmira, New York

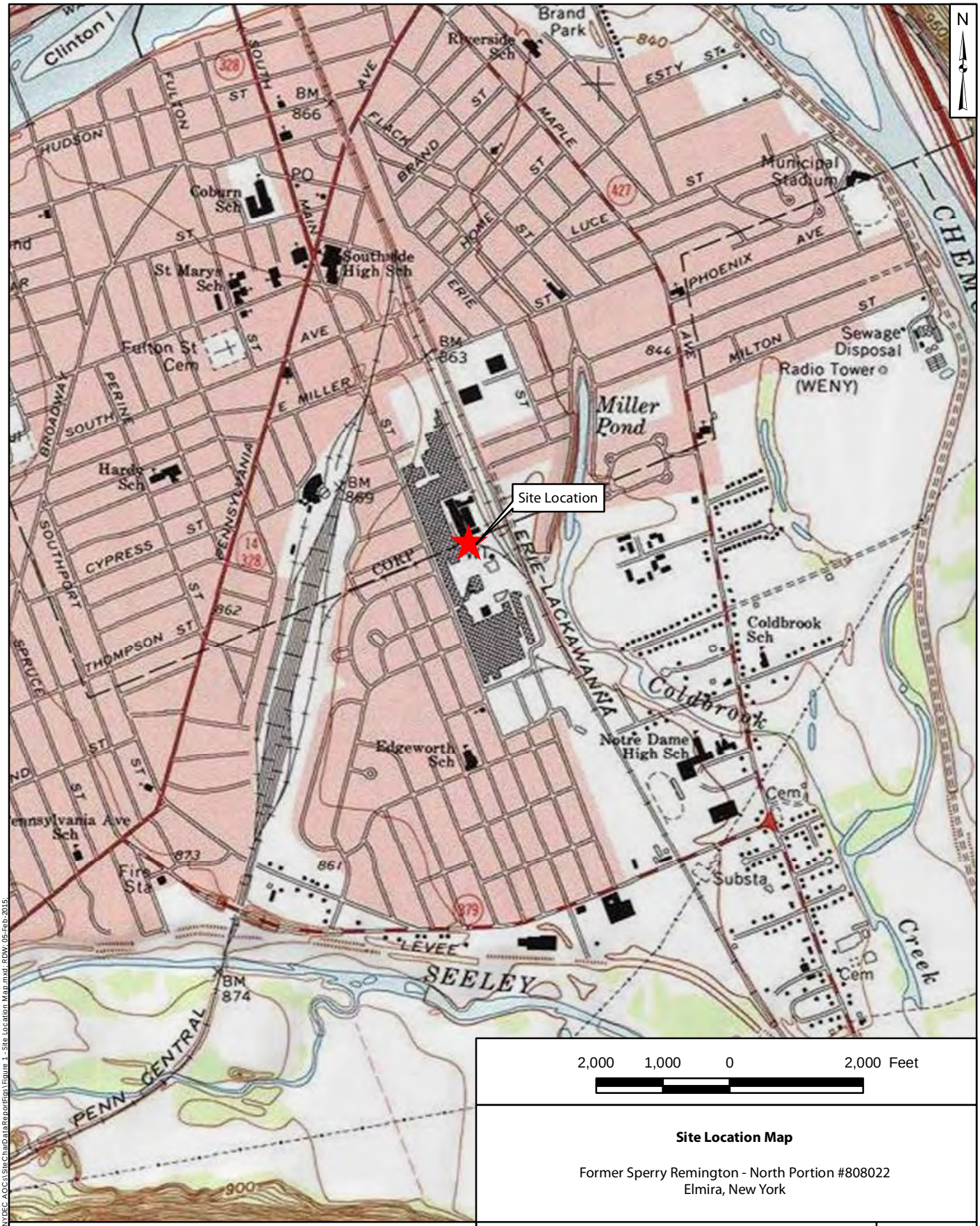
Location	Sample ID	cis-1,2-Dichloroethene	Q	Cumene	Q	Cyclohexane	Q	Dibromochloromethane	Q	Ethanol	Q	Ethyl Benzene	Q	Freon 11	Q	Freon 12	Q	Freon 113	Q
Cafeteria	EHS-062818-EF-CAFA															45			
Cafeteria	EHS-062818-EF-CAFR															31			
Cafeteria	EHS-062818-IA-CAF-UN					0.71				36		2.3		1.2		7.9			
Cafeteria	EHS-062918-IA-CAF-OCC									7.6		0.16		1.3		2.7			
F Wing	EHS-062818-EF-FWING	67								20						140			
Gym	EHS-062818-EF-GYM															150		330	
Gym	EHS-062818-IA-GYM-UN							4.6				0.15				6.9			
Gym	EHS-062918-IA-GYM-OCC									3.7				1.2		3.6			
K Wing	EHS-062818-EF-KWING															56		37	
K Wing	EHS-062818-IA-K-UN									25		2.1		1.3		7.6			
K Wing	EHS-062818-OA-K-UN									3.2						2.5			
K Wing	EHS-062918-IA-K-OCC									11				1.2		3.1			
K Wing	EHS-062918-OA-K-OCC					2.7	J			15	J	3.8	J			2.9	J		
Room 100	EHS-062818-IA-100-UN					1.6				62		0.45		1.5		24			
Room 100	EHS-062918-IA-100-OCC									14				1.4		3.7			
Room 100	EHS-062918-IA-100-OCC-DUP	0.15	J							15		0.15	J	1.3		3.6			
Room 103	EHS-062818-IA-103-UN					1				24		0.29		1.3		32			
Room 103	EHS-062818-SS-103-UN					32				210						12			
Room 103	EHS-062918-IA-103-OCC									6.4				1.3		4.1			
Room 104	EHS-062818-IA-104-UN									8.7		0.18		1.3		51			
Room 104	EHS-062918-IA-104-OCC									6.7		0.18		1.3		22			
Room 109	EHS-062818-IA-109-UN									17		0.21		1.2		25			
Room 109	EHS-062818-SS-109-UN									130						240			
Room 109	EHS-062918-IA-109-OCC									7.7		0.21		1.2		7.3			
Room 120	EHS-062818-IA-120-UN					1.3				21		0.28		1.2		39			
Room 120	EHS-062818-SS-120-UN					28				130						1100			
Room 120	EHS-062918-IA-120-OCC									6.8				1.3		4.3			
Room 120	EHS-062918-IA-120-OCC-DUP									7		0.2	J	1.3		4.3			
Room 122	EHS-062818-IA-122-UN					4.3				62		0.6		1.2		30			
Room 122	EHS-062818-SS-122-UN									160						630			
Room 122	EHS-062918-IA-122-OCC									10		0.15		1.3		12			
Room 127	EHS-062818-IA-127-UN					1.4				36		0.31		1.2		22			
Room 127	EHS-062818-OA-127-UN-DUP									3.3						2.4			
Room 127	EHS-062818-Oa-127-UN									3.8				1.4	J	2.4			
Room 127	EHS-062918-IA-127-OCC									16		0.13		1.3		6.8			
Room 127	EHS-062918-OA-127-OCC	0.36								12				1.3		2.5			
Room 133	EHS-062818-IA-133-UN					0.62				51		0.38		1.4		22			
Room 133	EHS-062818-SS-133-UN									80		5.5				770			
Room 133	EHS-062918-IA-133-OCC									48		0.14		1.2		5.5			
Room 135	EHS-062818-IA-135-UN									26		0.75		1.4		14			
Room 135	EHS-062818-IA-135-UN-DUP									25		0.7		1.3		14			
Room 135	EHS-062818-SS-135-UN			25	J	18	J			210	J	26	J			13			
Room 135	EHS-062818-SS-135-UN-DUP			160	J	12	J			810	J	150	J	25	J	11			
Room 135	EHS-062918-HVS-135-1									29				21		8			
Room 135	EHS-062918-HVS-135-2									20				29		7.7			
Room 135	EHS-062918-IA-135-OCC									12		0.15		1.2		3.2			
Room 138A	EHS-062818-IA-138A-UN									60		0.7		1.6		26			
Room 138A	EHS-062918-IA-138A-OCC									17				1.2		2.9			
Room 139	EHS-062818-IA-139-UN					0.73				32		1.6		1.4		41			
Room 139	EHS-062918-IA-139-OCC									15		0.27		1.2		4.4			
Room 145	EHS-062818-IA-145-UN							2.9		52		0.31		1.2		7.2			
Room 145	EHS-062918-IA-145-OCC									13		0.13		1.3		3.7			
Room 148	EHS-062818-IA-148-UN									13		0.17		1.2		32			
Room 148	EHS-062818-SS-148-UN			11						86						810			
Room 148	EHS-062918-HVS-148-1									12						1800			
Room 148	EHS-062918-HVS-148-2															2800	J		
Room 148	EHS-062918-IA-148-OCC					2.4				14		1.6		1.1		4.2			
Room 151	EHS-062818-SS-151-UN									77						8.9			
Room 151	EHS-062918-HVS-151-1									9.1						12			
Room 151	EHS-062918-HVS-151-2															12			
Room 151A	EHS-062818-IA-151A-UN	1.6				0.52				17		3.4		1.2		14			
Room 151A	EHS-062918-IA-151A-OCC									6.1				1.2		3.1			
Room 168	EHS-062818-IA-164-UN					1.1				99		1.4		1.4		40			
Room 168	EHS-062818-SS-164-UN									120						17			
Room 168	EHS-062918-IA-164-OCC					1.2				12		1.4				3			

Note: Results are expressed in units of micrograms per cubic meter ($\mu g/m^3$)

Table 2-6
Sampling Results Detected Compounds June 2018
Former Sperry Remington Site-North Portion
Elmira, New York

Location	Sample ID	Heptane	Q	Hexane	Q	Methylene Chloride	Q	Propylbenzene	Q	Styrene	Q	Tetrachloroethene	Q	Tetrahydrofuran	Q	Toluene	Q	Trichloroethene	Q	Xylene (m & p)	Q	o-Xylene	Q	m,p-Xylene	Q
Cafeteria	EHS-062818-EF-CAFA																	26							
Cafeteria	EHS-062818-EF-CAFR																								
Cafeteria	EHS-062818-IA-CAF-UN	1.4		1.6		1.6		0.83		2.5		0.58				6.8						3.2		9.2	
Cafeteria	EHS-062918-IA-CAF-OCC															0.62						0.22		0.58	
F Wing	EHS-062818-EF-FWING															5.9		340							
Gym	EHS-062818-EF-GYM															9.4		19							
Gym	EHS-062818-IA-GYM-UN											0.33				1						0.27		0.51	
Gym	EHS-062918-IA-GYM-OCC															0.54									
K Wing	EHS-062818-EF-KWING																	31							
K Wing	EHS-062818-IA-K-UN	1.4		0.96								0.26				2.6						1.9		7.5	
K Wing	EHS-062818-OA-K-UN											0.29				0.5									
K Wing	EHS-062918-IA-K-OCC															0.83						0.16		0.45	
K Wing	EHS-062918-OA-K-OCC	5	J	5.1	J	4.2	J			3.3	J	0.4	J			140	J					4.9	J	12	J
Room 100	EHS-062818-IA-100-UN	1.8		0.59						0.88						3.6						0.6		1.6	
Room 100	EHS-062918-IA-100-OCC	0.78		0.86												0.85	J					0.14		0.35	
Room 100	EHS-062918-IA-100-OCC-DUP	0.8		0.82												1.2	J	0.16	J			0.19		0.44	
Room 103	EHS-062818-IA-103-UN	1.4		1.3												2.2						0.34		0.92	
Room 103	EHS-062818-SS-103-UN			43																					
Room 103	EHS-062918-IA-103-OCC			0.79								0.26				0.76								0.36	
Room 104	EHS-062818-IA-104-UN	0.76		0.71								0.65				1.3						0.22		0.58	
Room 104	EHS-062918-IA-104-OCC															1.4		0.26				0.22		0.64	
Room 109	EHS-062818-IA-109-UN															3.4						0.26		0.7	
Room 109	EHS-062818-SS-109-UN			5.3														11							
Room 109	EHS-062918-IA-109-OCC															2						0.24		0.76	
Room 120	EHS-062818-IA-120-UN			1.2												2.2		0.48				0.37		1	
Room 120	EHS-062818-SS-120-UN			26																					
Room 120	EHS-062918-IA-120-OCC															0.9	J					0.13	J	0.35	J
Room 120	EHS-062918-IA-120-OCC-DUP															1.7	J					0.3	J	0.7	J
Room 122	EHS-062818-IA-122-UN	2.3								1.3						6.2						0.61		1.5	
Room 122	EHS-062818-SS-122-UN																								
Room 122	EHS-062918-IA-122-OCC	0.73		0.61												1.4						0.18		0.46	
Room 127	EHS-062818-IA-127-UN	6.2		0.77												5.1		0.23				0.37		1	
Room 127	EHS-062818-OA-127-UN-DUP											0.5				0.7		0.2	J					0.28	
Room 127	EHS-062818-Oa-127-UN			0.66	J							0.54				0.74		0.34	J						
Room 127	EHS-062918-IA-127-OCC	0.9														1.4						0.16		0.42	
Room 127	EHS-062918-OA-127-OCC															0.56		0.73							
Room 133	EHS-062818-IA-133-UN	1.1				1.1				0.94		0.21				3.1						0.47		1.3	
Room 133	EHS-062818-SS-133-UN									150															
Room 133	EHS-062918-IA-133-OCC															1.2						0.18		0.49	
Room 135	EHS-062818-IA-135-UN	0.92		0.92						1.1		0.32				4.1						0.97		2.7	
Room 135	EHS-062818-IA-135-UN-DUP	1		1						0.97		0.25				4						0.92		2.6	
Room 135	EHS-062818-SS-135-UN	11	J	31				11	J							540	J			69	J	25	J		
Room 135	EHS-062818-SS-135-UN-DUP	28	J	32				78	J							2900	J			410	J	150	J		
Room 135	EHS-062918-HVS-135-1															130								7.5	
Room 135	EHS-062918-HVS-135-2															90								7.6	
Room 135	EHS-062918-IA-135-OCC															0.85						0.24		0.58	
Room 138A	EHS-062818-IA-138A-UN	1.8		1.6						0.81				140		5.6						0.88		3	
Room 138A	EHS-062918-IA-138A-OCC			1.3										7		0.76						0.15		0.42	
Room 139	EHS-062818-IA-139-UN	1.9		4.3		1.2				4.9		0.29		5.3		17						2.2		6.1	
Room 139	EHS-062918-IA-139-OCC	1.2		0.94						1.3				2.6		3.4						0.37		0.97	
Room 145	EHS-062818-IA-145-UN			0.82								0.22				2.4						0.41		1	
Room 145	EHS-062918-IA-145-OCC															0.96						0.16		0.44	
Room 148	EHS-062818-IA-148-UN	0.92														4.4						0.22		0.58	
Room 148	EHS-062818-SS-148-UN															10		160							
Room 148	EHS-062918-HVS-148-1															8.9		380							
Room 148	EHS-062918-HVS-148-2																	380							
Room 148	EHS-062918-IA-148-OCC	1.6		0.78		8.6				1.2						23		0.37				2.3		5	
Room 151	EHS-062818-SS-151-UN											14													
Room 151	EHS-062918-HVS-151-1													74											
Room 151	EHS-062918-HVS-151-2																								
Room 151A	EHS-062818-IA-151A-UN	2		1.7		1.2				0.94		1.9				11		0.77				5.2		15	
Room 151A	EHS-062918-IA-151A-OCC															1.2						0.18		0.39	
Room 168	EHS-062818-IA-164-UN	2.3		5.2												15						1.7		5	
Room 168	EHS-062818-SS-164-UN											11				6.9									
Room 168	EHS-062918-IA-164-OCC	2.3		1.7		2.4										9						2.4		4.7	

Note: Results are expressed in units of micrograms per cubic meter ($\mu g/m^3$)



Site Location Map

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

Notes:
Topographic map accessed via ArcGIS Online and provided by National Geographic Society and i-cubed on 5 February 2015. Elmira, New York Quadrangle (1971, photorevised 1976) is shown.

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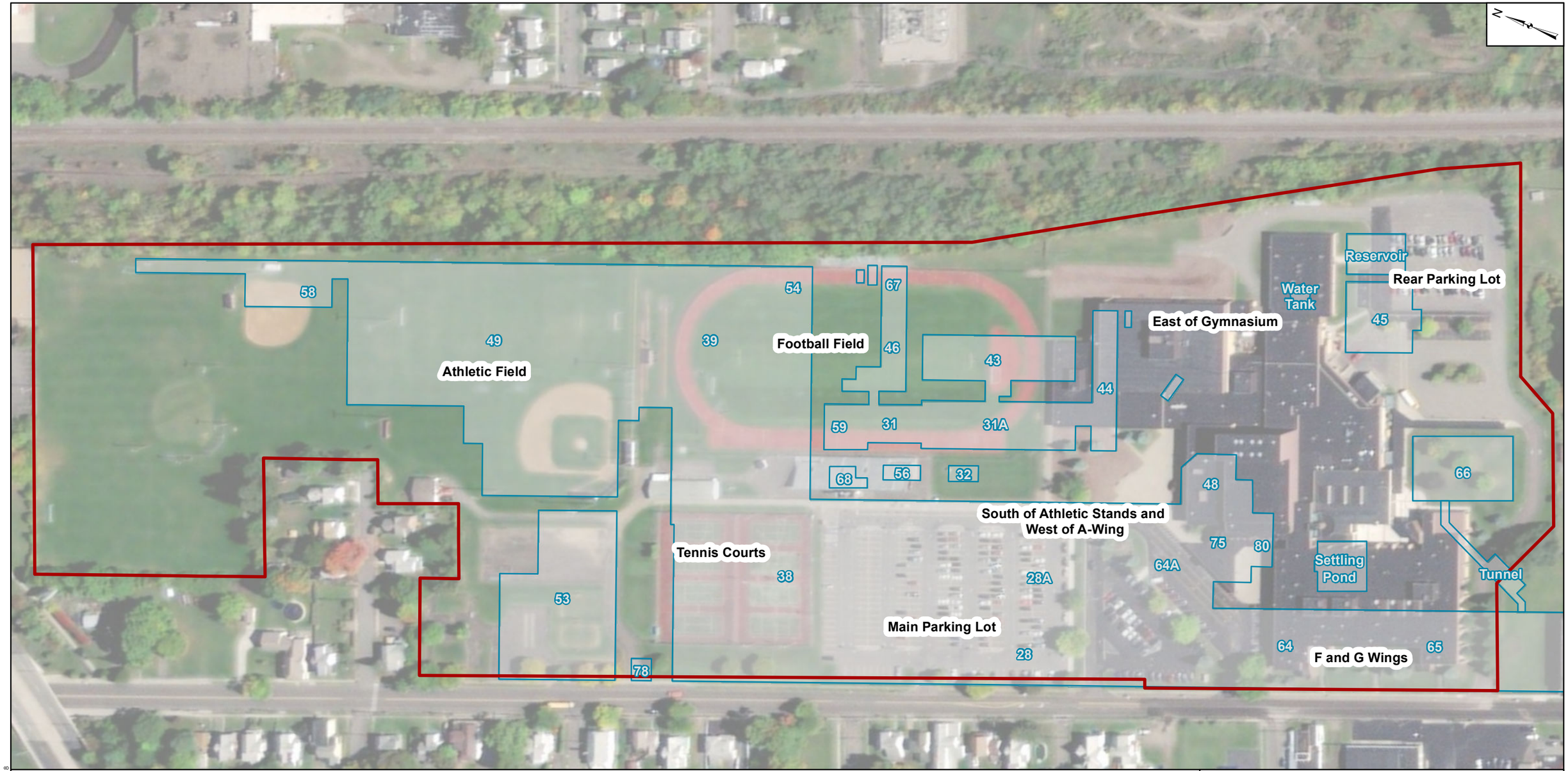
Columbia, Maryland | December 2018

Figure 1-1

P:\GIS\Elmira - MW0832\Maps\NYDEC AOC's\SiteCharDataReport\Figs\Figure 1 - Site Location Map.mxd; ROW; 05-Feb-2015;



Explanation

- Site Boundary
- Historical Structure

Remington Rand Building Number	Former Plant Operation	Remington Rand Building Number	Former Plant Operation
28, 28A, 38, 64A	Machine Shop, Factory Building	54	Oil Handling
31A	Tool Hardening	56	Machine Shop
31	Carbonizing	58	Steel Storage
32	Electrical Building	59	Not Identifed
39	Not Identifed	64, 65	Machine Shop
43	Heat Treating	66	Storage
44	Blower Room and Cooling Shed	67	Sand Blasting
45	Engine Room	68	Locker Room
46	Sand Blasting	75	Not Identifed
48	Not Identifed	78	Not Identifed
49	Machine Shop	80	Not Identifed
53	Garage, Recreation Hall and Cafeteria		

Notes

1. Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 07 August 2018. Image is dated 2 June 2010.
2. Historical structures georeferenced from a PDF drawing ROE-2 Site Plan prepared by Lancy Laboratories, Inc. (1967). Inherently, georeferencing introduces slight distortortions and inaccuracies in spatial data, but these distortions and inaccuracies may be exacerbated by the factors listed above. All reasonable efforts were made to accurately reflect the data provided.
3. Site boundary provided by Chemung County, New York on 14 November 2014. Data downloaded from http://www.stcgis.org/stc/DataDownload/chemparcels_12.zip
4. Former plant operation obtained from the Preliminary Site Assessment (Dames & Moore, 1988).

150 75 0 150 Feet

Site Map

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

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

Columbia, Maryland | December 2018

Figure **1-2**

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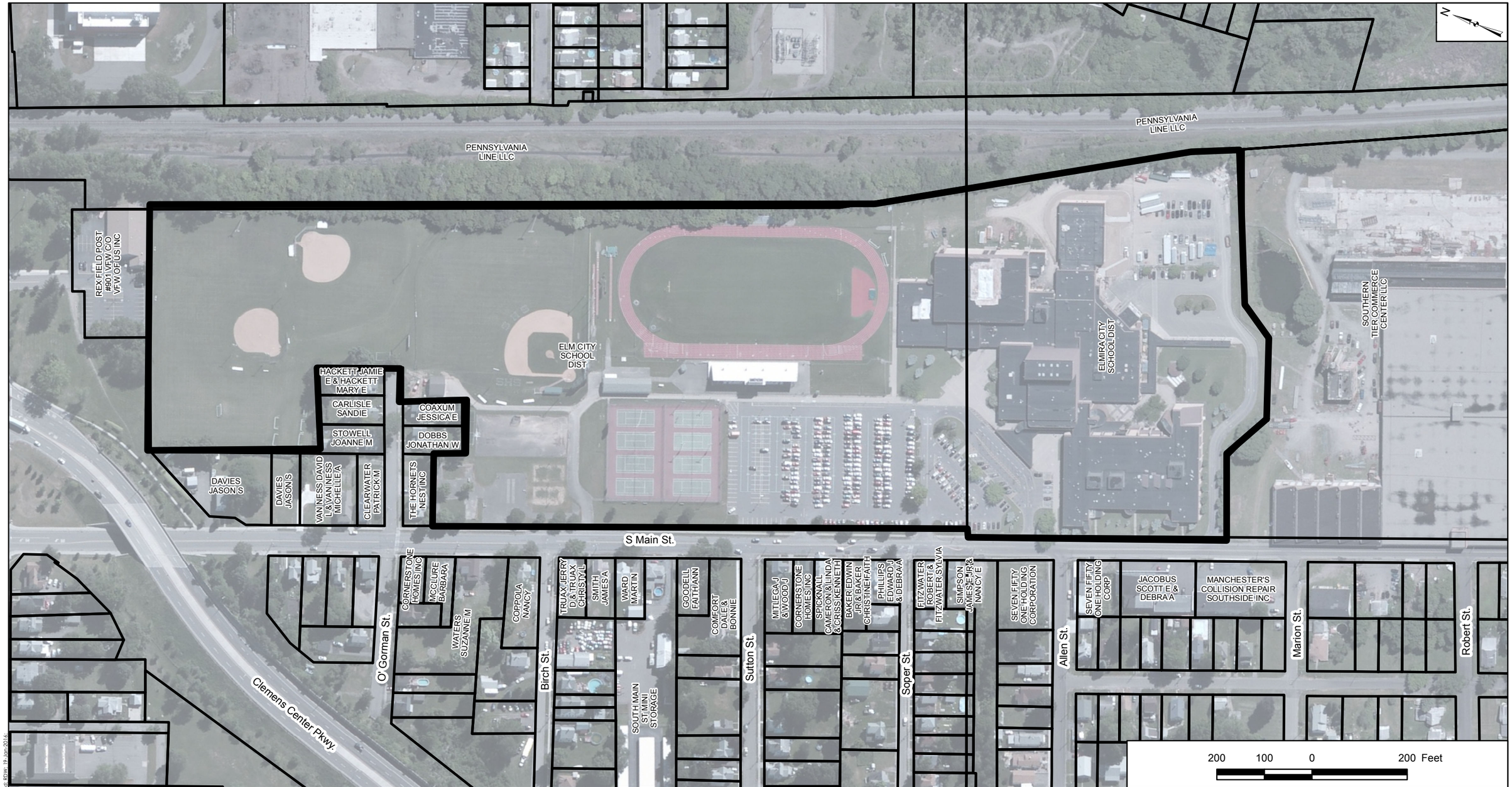

Legend

Site Boundary

Parcel Boundary

Notes:

Property parcels provided by Chemung County, New York on 14 November 2014. Data downloaded from http://www.stcgis.org/stc/DataDownload/chemparcels_12.zip

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 18 January 2016. Image is dated 2 June 2010.

Site Layout Map

Former Sperry Remington Site

Elmira, New York

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Columbia, Maryland | December 2018

Figure **2-1**

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A

A'

MW-11S/D

SSHS-B29A

MW-D

SSHS-B101

SSHS-B64

SSHS-B65

BROWN FILL SAND AND GRAVEL AND TRACE MISC. DEBRIS

BLACK FILL SAND WITH GRAVEL AND ASHY LIKE MATERIAL

GRAVEL WITH SILT AND SAND

SILTY CLAY

WEATHERED SHALE BEDROCK

ELEVATION - FEET, MEAN SEA LEVEL

855
850
840
830
820
810
800
790
780
770

LEGEND

- GRAVEL WITH SILT AND SAND
- BROWN FILL SAND AND GRAVEL AND TRACE MISC. DEBRIS
- BLACK FILL SAND WITH GRAVEL AND ASHY LIKE MATERIAL
- SILTY CLAY
- WEATHERED SHALE BEDROCK
- APPROXIMATE GROUNDWATER ELEVATION

0 100'

HORIZONTAL SCALE: 1" = 100'

0 10'

VERTICAL SCALE: 1" = 10'

NOTES:

1. LOCATION OF CROSS SECTION SHOWN ON FIGURES 2-3.
2. GEOLOGIC CONDITIONS INTERPRETED FROM BORING LOGS PRESENTED IN VARIOUS HISTORICAL REPORTS AND OBSERVATIONS MADE DURING 2014 SITE CHARACTERIZATION AND PREVIOUS INVESTIGATIONS.
3. GEOLOGIC CONDITIONS MAY VARY FROM THAT SHOWN.
4. MW-11 S/D ARE SEPARATE COMPLETIONS IN SEPARATE BOREHOLES BUT SHOWN ON ONE WELL SYMBOL FOR CLARITY.

GENERALIZED CROSS-SECTION A-A'

FORMER SPERRY REMINGTON-NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants
COLUMBIA, MARYLAND

DATE:	DECEMBER 2018
PROJECT NO.	MN0832
DOCUMENT NO.	MD18241
FILE NO.	0832f004
FIGURE NO.	2-2A

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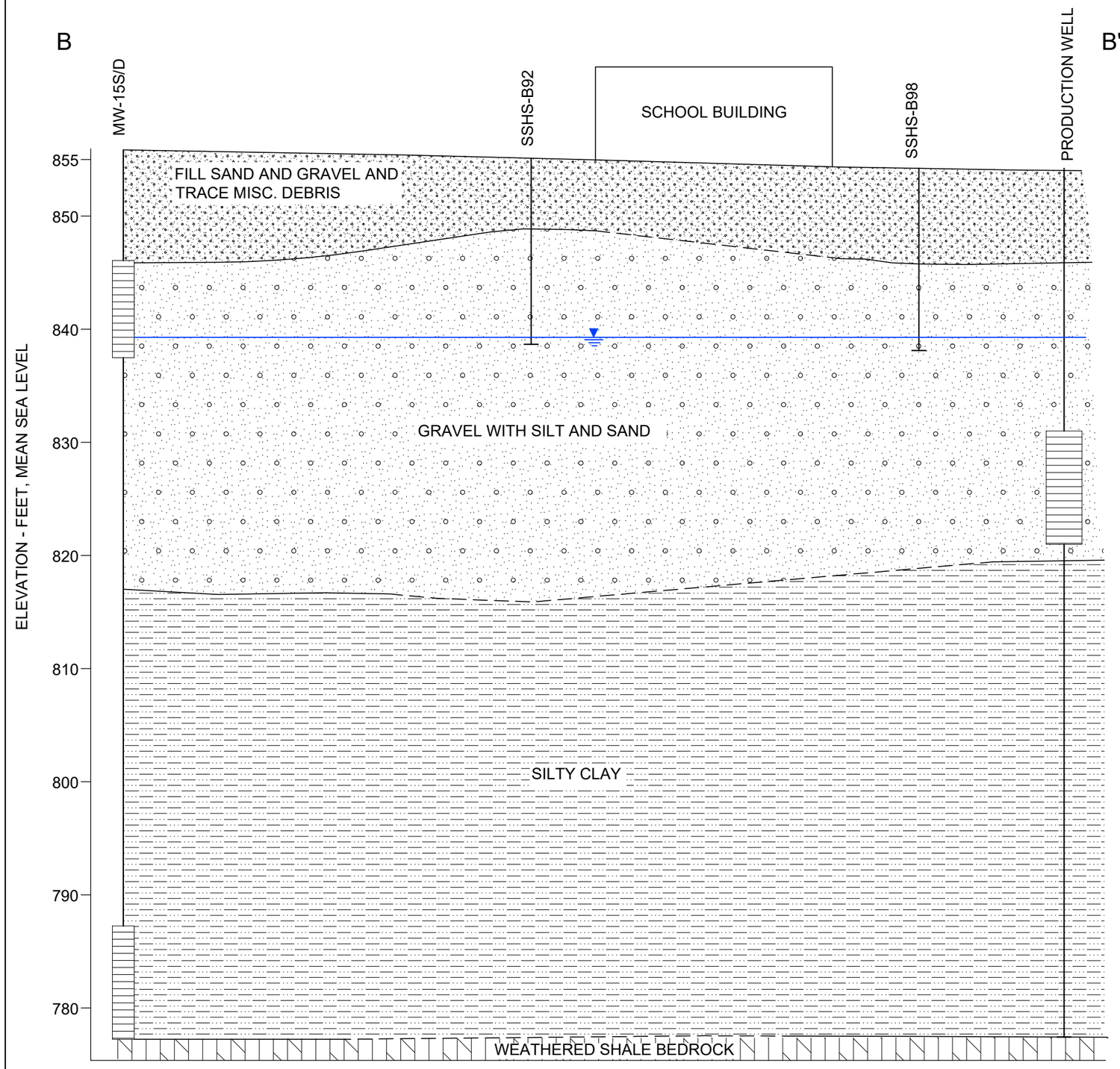

LEGEND

- GRAVEL WITH SILT AND SAND
- FILL SAND AND GRAVEL AND TRACE MISC. DEBRIS
- SILTY CLAY
- WEATHERED SHALE BEDROCK
- APPROXIMATE GROUNDWATER ELEVATION

0 100'

HORIZONTAL SCALE: 1" = 100'

0 10'

VERTICAL SCALE: 1" = 10'

NOTES:

1. LOCATION OF CROSS SECTION SHOWN ON FIGURES 2-3.
2. GEOLOGIC CONDITIONS INTERPRETED FROM BORING LOGS PRESENTED IN VARIOUS HISTORICAL REPORTS AND OBSERVATIONS MADE DURING THIS INVESTIGATION.
3. GEOLOGIC CONDITIONS MAY VARY FROM THAT SHOWN.
4. MW-15 S/D ARE SEPARATE COMPLETIONS IN SEPARATE BOREHOLES BUT SHOWN ON ONE WELL SYMBOL FOR CLARITY.

GENERALIZED CROSS-SECTION B-B'

FORMER SPERRY REMINGTON-NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants
COLUMBIA, MARYLAND

DATE:	DECEMBER 2018
PROJECT NO.	MN0832
DOCUMENT NO.	MD18241
FILE NO.	0832f004
FIGURE NO.	2-2B

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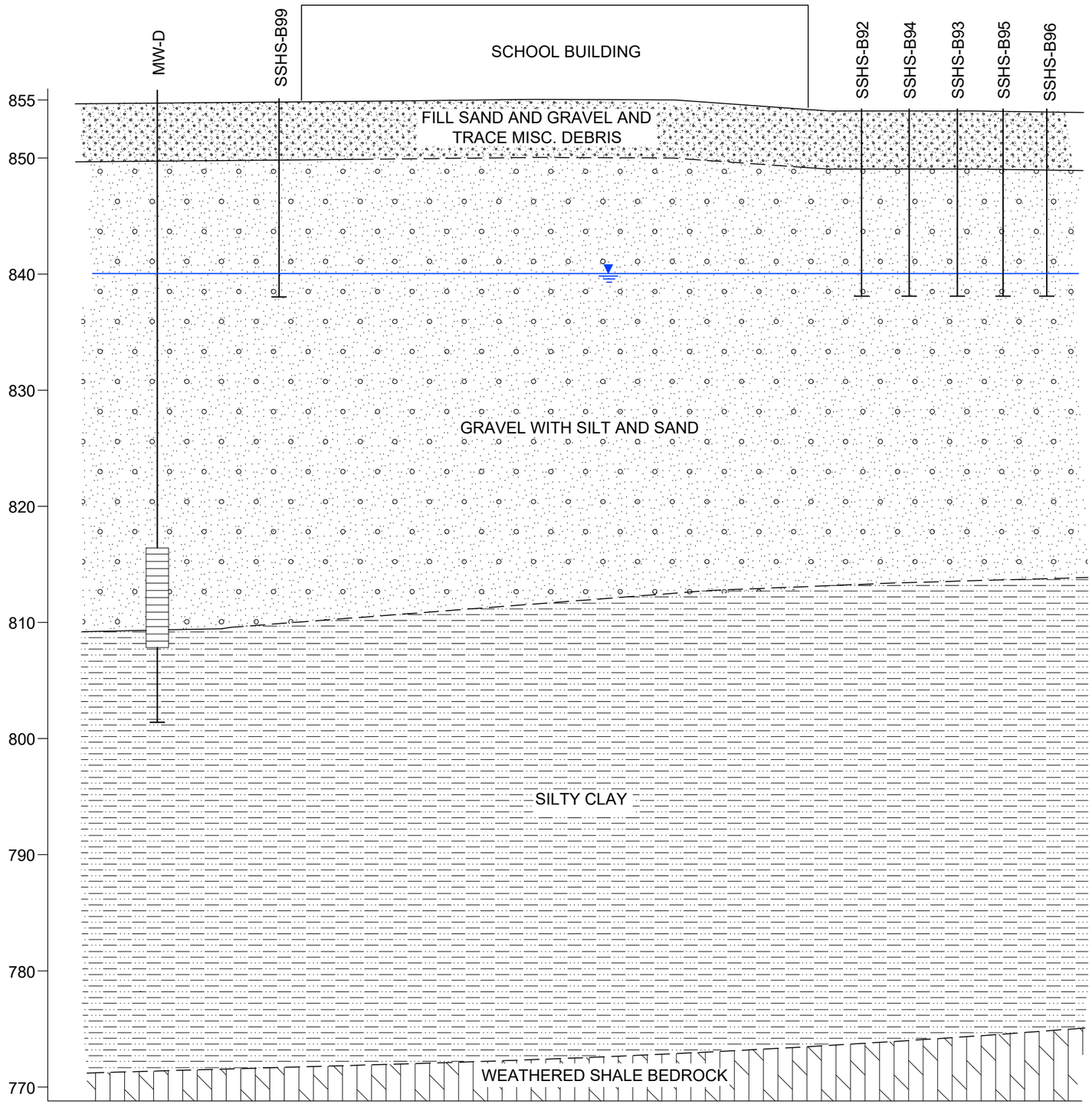
C

C'



LEGEND

- GRAVEL WITH SILT AND SAND
- FILL SAND AND GRAVEL AND TRACE MISC. DEBRIS
- SILTY CLAY
- WEATHERED SHALE BEDROCK
- APPROXIMATE GROUNDWATER ELEVATION

0 100'

HORIZONTAL SCALE: 1" = 100'

0 10'

VERTICAL SCALE: 1" = 10'

NOTES:

1. LOCATION OF CROSS SECTION SHOWN ON FIGURES 2-3.
2. GEOLOGIC CONDITIONS INTERPRETED FROM BORING LOGS PRESENTED IN VARIOUS HISTORICAL REPORTS AND OBSERVATIONS MADE DURING THIS INVESTIGATION.
3. GEOLOGIC CONDITIONS MAY VARY FROM THAT SHOWN.

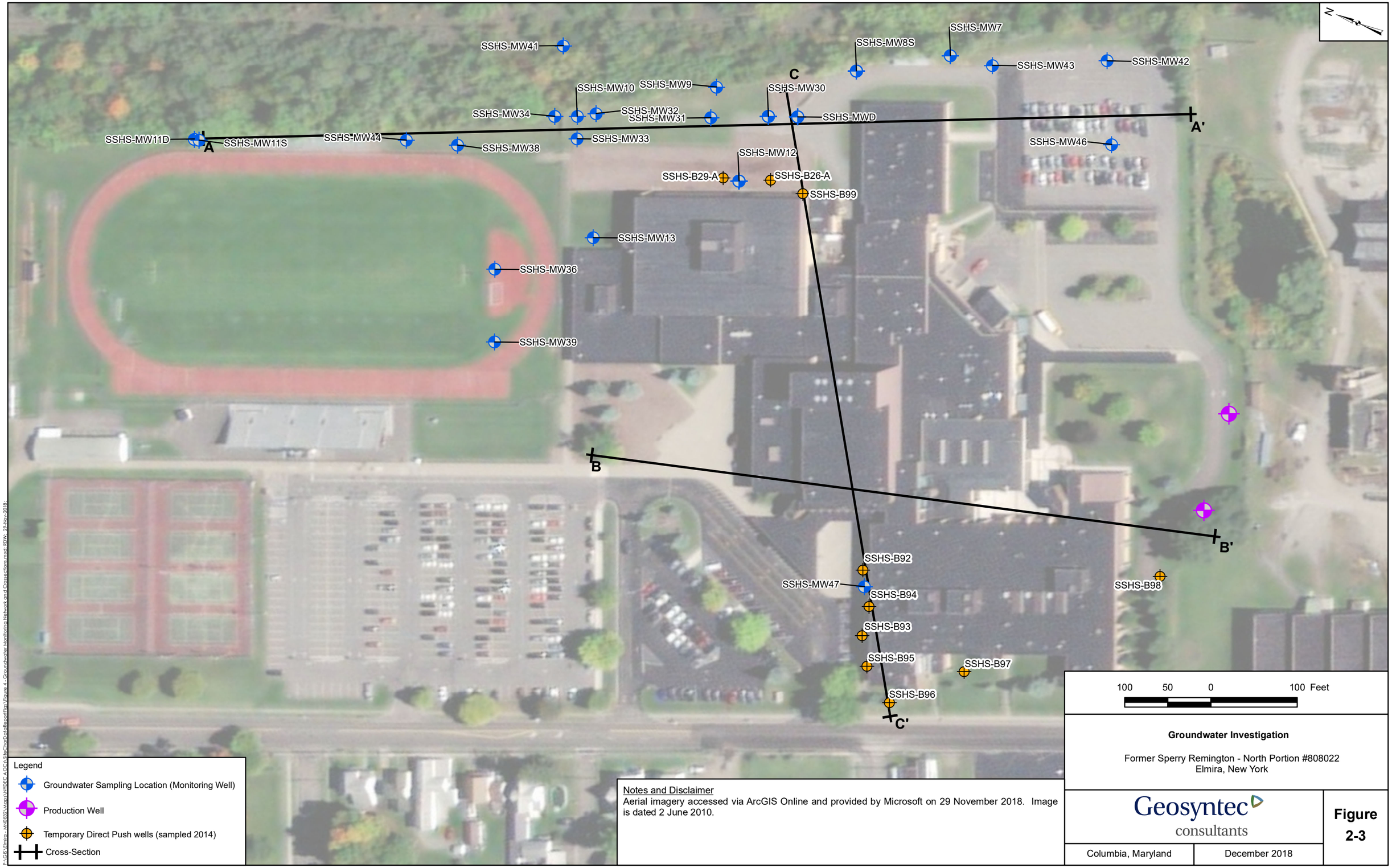
GENERALIZED CROSS-SECTION C-C'

FORMER SPERRY REMINGTON-NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants
COLUMBIA, MARYLAND

DATE:	DECEMBER 2018
PROJECT NO.	MN0832
DOCUMENT NO.	MD18241
FILE NO.	0832f004
FIGURE NO.	2-2C

P:\cadd\geo-minneapolis\0832 elmira\0832f000\0832f004.dwg, C, 12/7/2018 9:46:07 AM, bferrick



Notes and Disclaimer
Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 29 November 2018. Image is dated 2 June 2010.

Groundwater Investigation

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

Geosyntec consultants

Columbia, Maryland | December 2018

Figure 2-3

P:\GIS\Elmira - NW\808021\Maps\MXD\FIG 4_GCS\SiteCheckDataReport\Fig4_Figure 4 - Groundwater Monitoring Network and Cross-Sections.mxd 29-Nov-2018

MW41
837.57

MW9
838.26

MW7
<839.17
(dry)

MW8S
838.37

MW34
837.79

MW10
837.93

MW32
837.33

MW30
838.35

MW38
837.84

MW31
838.41

MW11S
837.66

MW33
837.95

MW12
838.47

MW40
838.23

838

MW37
838.54

MW13
838.69

MW36
838.67

839

MW39
839.27

MW15S
839.62

SSHS-Pumping
Well 1

MW16
<841.39
(dry)

SSHS-Pumping
Well 2

N

100 50 0 100 Feet

Legend

- Production Well
- Monitoring Well (groundwater elevation ft amsl)
- Groundwater Contour (estimated elevation ft amsl)

Notes and Disclaimer

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 29 November 2018. Image is dated 2 June 2010.

Wells MW7, and MW16 were dry, and wells MW8S and MW15D were chosen as represented over their deeper "D" partner wells.

ft amsl: feet above mean sea level

Depth to groundwater measurements performed on 13 November 2014.

Poteniometric Surface Map

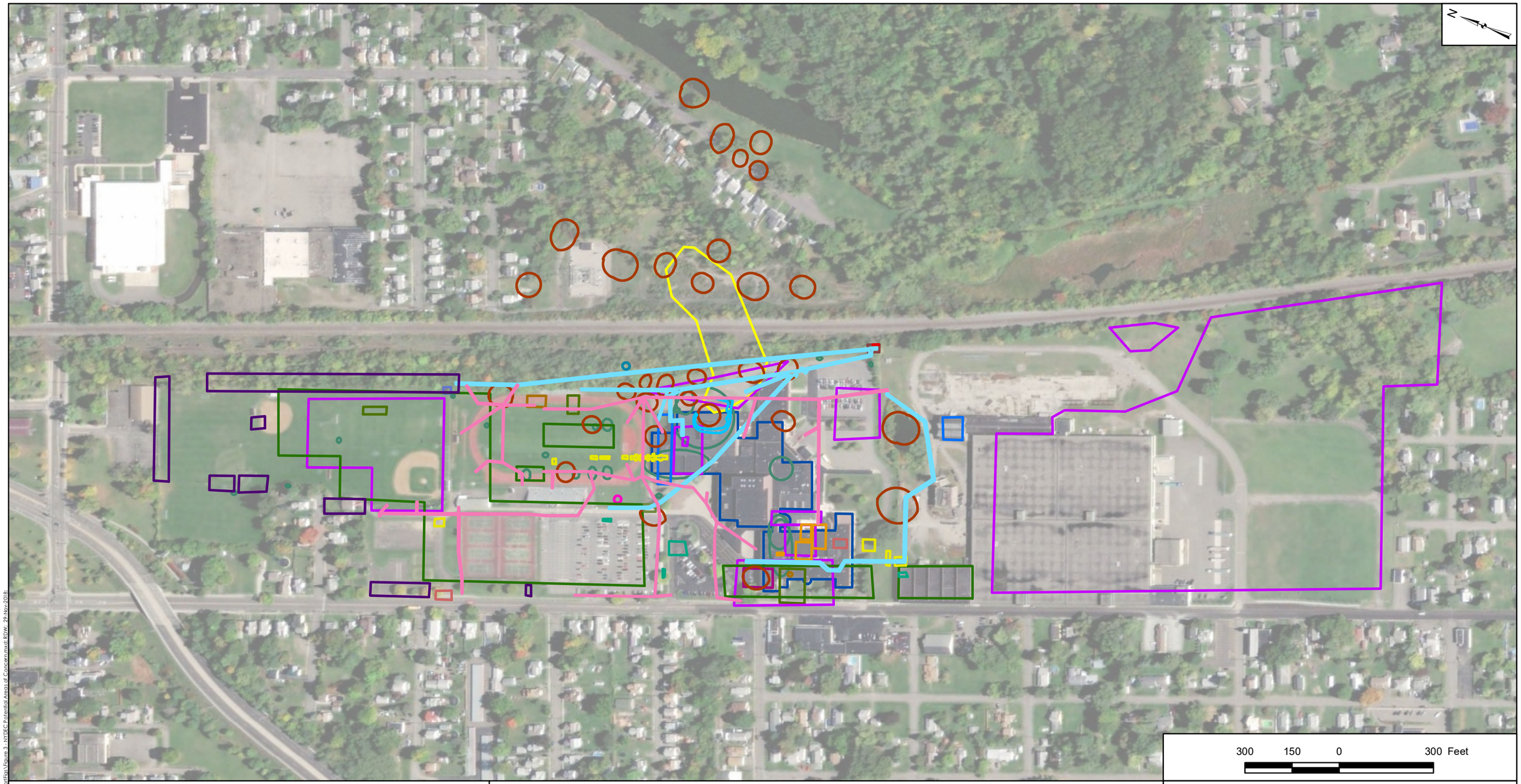
Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | March 2019

Figure 2-4

P:\GIS\Elmira - NW\808022\Maps\MXD\SSC_AOC's\SiteChar\DraftReport\Fig's\Figure 8 - Groundwater Potentiometric Surface Map.mxd RDW 29-Nov-2018



Legend

AOC-1	AOC-2D	AOC-5	AOC-10	AOC-13
AOC-2	AOC-2E	AOC-6	AOC-11	AOC-14
AOC-2A	AOC-3	AOC-7	AOC-11A	AOC-15
AOC-2B	AOC-3A	AOC-8	AOC-11B	AOC-16
AOC-2C	AOC-4	AOC-9	AOC-12	AOC-17

Notes and Disclaimer

Areas of concern georeferenced from PDF drawings provided by New York State Department of Environmental Conservation (NYSDEC). Georeferenced items may include: historical site features, hand-drawn features, features that were not to scale, or features that were originally on a map that contained a different projection. Inherently, georeferencing introduces slight distortortions and inaccuracies in spatial data, but these distortions and inaccuracies may be exacerbated by the factors listed above. All reasonable efforts were made to accurately reflect the data provided.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 29 November 2018. Image is dated 2 June 2010.

NYSDEC Potential Areas of Concern

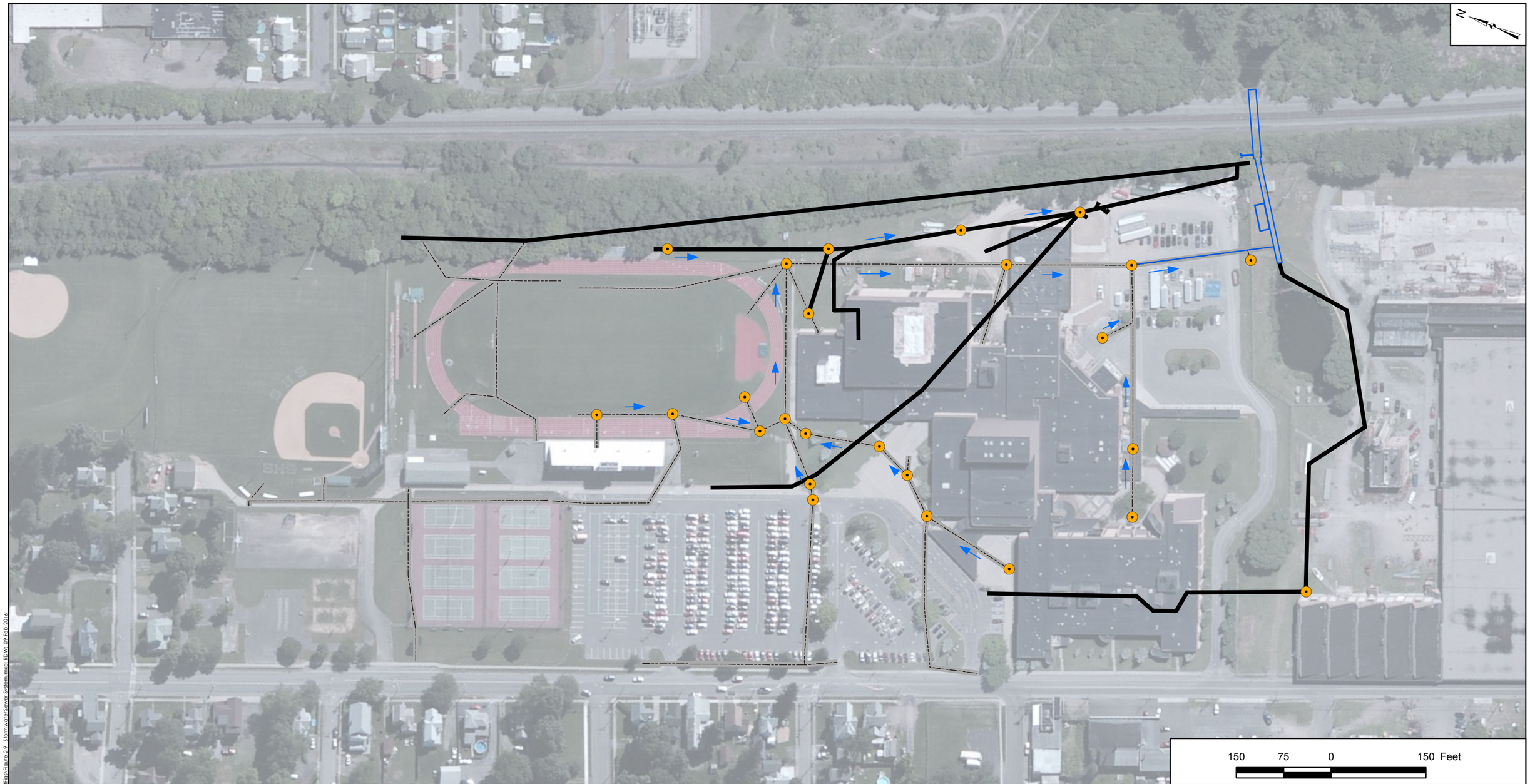
Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | December 2018

Figure 2-5

P:\GIS\Elmira - NW\808022\Maps\NYSDEC AOCs\SiteClipsData\mxd\Fig#\Figure 3 - NYSDEC Potential Areas of Concern.mxd 8:08 - 29-Nov-2018



Legend

- Catch Basin
- Direction of Stormwater Flow
- Former Storm Water Sewer (Pre-1979)
- Current Combined Industrial Sewer (Post-1979)
- Former Sperry Remington Site (#808043) Investigation

Notes and Disclaimer

Former Combined Industrial Sewer (Pre-1979) and Current Storm Water Sewer (Post-1979) are georeferenced from PDF drawings provided by New York State Department of Environmental Conservation (NYSDEC). Georeferenced items may include: historical site features, hand-drawn features, features that were not to scale, or features that were originally on a map that contained a different projection. Inherently, georeferencing introduces slight distortortions and inaccuracies in spatial data, but these distortions and inaccuracies may be exacerbated by the factors listed above. All reasonable efforts were made to accurately reflect the data provided.

Catch basin locations are approximate. Only catch basins related to the sewer inspection scope of work are presented on this figure.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 09 February 2016. Image is dated 2 June 2010.

Stormwater Sewer System

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

Geosyntec consultants

Columbia, Maryland | February 2016

Figure 2-6

P:\GIS\Elmira - MW0830\Maps\MXD\EC-ACG\SiteChar\DistributionSystem\Figure 2-6_Stormwater Sewer System.mxd RDW 09-Feb-2016

SSHS-MW30
Tetrachloroethane 8/21/14 **27**
TCE 8/21/14 **24**
cis-1,2-DCE 8/21/14 **350**
Freon 113 8/21/14 **250**

SSHS-SB510
Freon 113 9/20/16 **220**
cis-1,2-dichloroethene 9/20/16 **15**
Dichlorodifluoromethane 9/20/16 **6.7**
PCBs 9/20/16 **0.13**

SSHS-MW41
PCBs 3/23/16 **17**

SSHS-MW9
Freon 113 5/20/03 **5.4**

SSHS-MW11D
Iron 11/1/18 **820**
VOCs 11/1/18 <TOGS

SSHS-MW11S
Iron 11/1/18 **4,100**
Manganese 11/1/18 **1,700**

SSHS-MW34
PCBs 3/23/16 **1.1**

SSHS-B575C
B(a)a 9/21/16 **0.073**
B(b)f 9/21/16 **0.079**
B(k)f 9/21/16 **0.096**
Bis(2-ethylhexyl)phthalate 9/21/16 **9.1**
Chrysene 9/21/16 **0.097**
I(1,2,3-c,d)p 9/21/16 **0.08**

SSHS-B29-A
Acetone 8/13/14 **1,200**

SSHS-MW38
Iron 8/23/18 **2,500**
Manganese 8/23/18 **1,700**
Bis(2-ethylhexyl)phthalate 8/23/18 **6.6**

SSHS-B575B
B(a)a 9/19/16 **0.13**
B(b)f 9/19/16 **0.29**
B(k)f 9/19/16 **0.29**
Chrysene 9/19/16 **0.29**

SSHS-B2544
TCE 10/29/18 **20**
Iron 10/29/18 **4,200**
Manganese 10/29/18 **1,500**

SSHS-MW12
Freon 113 7/12/07 **6.1**

SSHS-B26-A
B(a)a 8/14/14 **3.7**
Chrysene 8/14/14 **7**

SSHS-B99
B(a)a 8/14/14 **6.1**
Chrysene 8/14/14 **7.9**
I(1,2,3,c,d)P 8/14/14 **0.285**
PCBs 8/14/14 **0.16**

SSHS-B23
Lead 5/9/00 **181**

SSHS-MW36
Iron 8/22/18 **8,300**
Manganese 8/22/18 **3,700**
Bis(2-ethylhexyl)phthalate **5.3**

SSHS-SB1
Freon 113 4/28/03 **30**

SSHS-MW39
Iron 8/23/18 **620**
Bis(2-ethylhexyl)phthalate 8/23/18 **11**

SSHS-B2542
Lead 10/29/18 **66**
Aluminum 10/29/18 **26,000**
Iron 10/29/18 **38,000**
Manganese 10/29/18 **1,300**
Nickel 10/29/18 **5,000**
B(a)a 10/29/18 **0.078**

SSHS-B2543
Iron 10/29/18 **1,500**

SSHS-MW15S
PCBs 9/27/16 **0.48**

SSHS-B92
TCE 8/12/14 **5.6**

SSHS-B94
TCE 8/12/14 **8.9**

SSHS-MW7
SSHS-MW8S
SSHS-MW43
SSHS-MW42
SSHS-B510
SSHS-B575C
SSHS-MW31
SSHS-MW9
SSHS-MW34
SSHS-MW10
SSHS-MW33
SSHS-MW38
SSHS-MW44
SSHS-MW11D
SSHS-MW11S
SSHS-B572
SSHS-MW46
SSHS-MW12
SSHS-B29-A
SSHS-SB1
SSHS-B99
SSHS-MW13
B2544
B2541
SSHS-MW36
SSHS-B23
B2542
B2543
SSHS-MW39
SSHS-Pumping Well 1
SSHS-MW15D
SSHS-MW15S
SSHS-B92
SSHS-MW47
SSHS-B94
SSHS-B98
SSHS-B93
SSHS-B95
SSHS-B97
SSHS-B96

150 75 0 150 Feet

Legend

- Monitoring Well Location
- Proposed Temporary Groundwater Well

Notes
COPC - Chemical of Potential Concern
VOC - Volatile Organic Compound
PCB - Polychlorinated Biphenyl
TOGS - Technical and Operational Guidance Series
TCE - Trichloroethene
cis-1,2-DCE - cis-1,2-Dichloroethene
B(a)a - Benzo(a)anthracene
I(1,2,3,c,d)P - Indeno(1,2,3-cd)Pyrene

Location ID
Parameter Date Concentration

Units are in µg/L.

Bold indicates an exceedance of TOGS.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 21 December 2018. Image is dated 2 June 2010.

Extent of COPCs in Groundwater

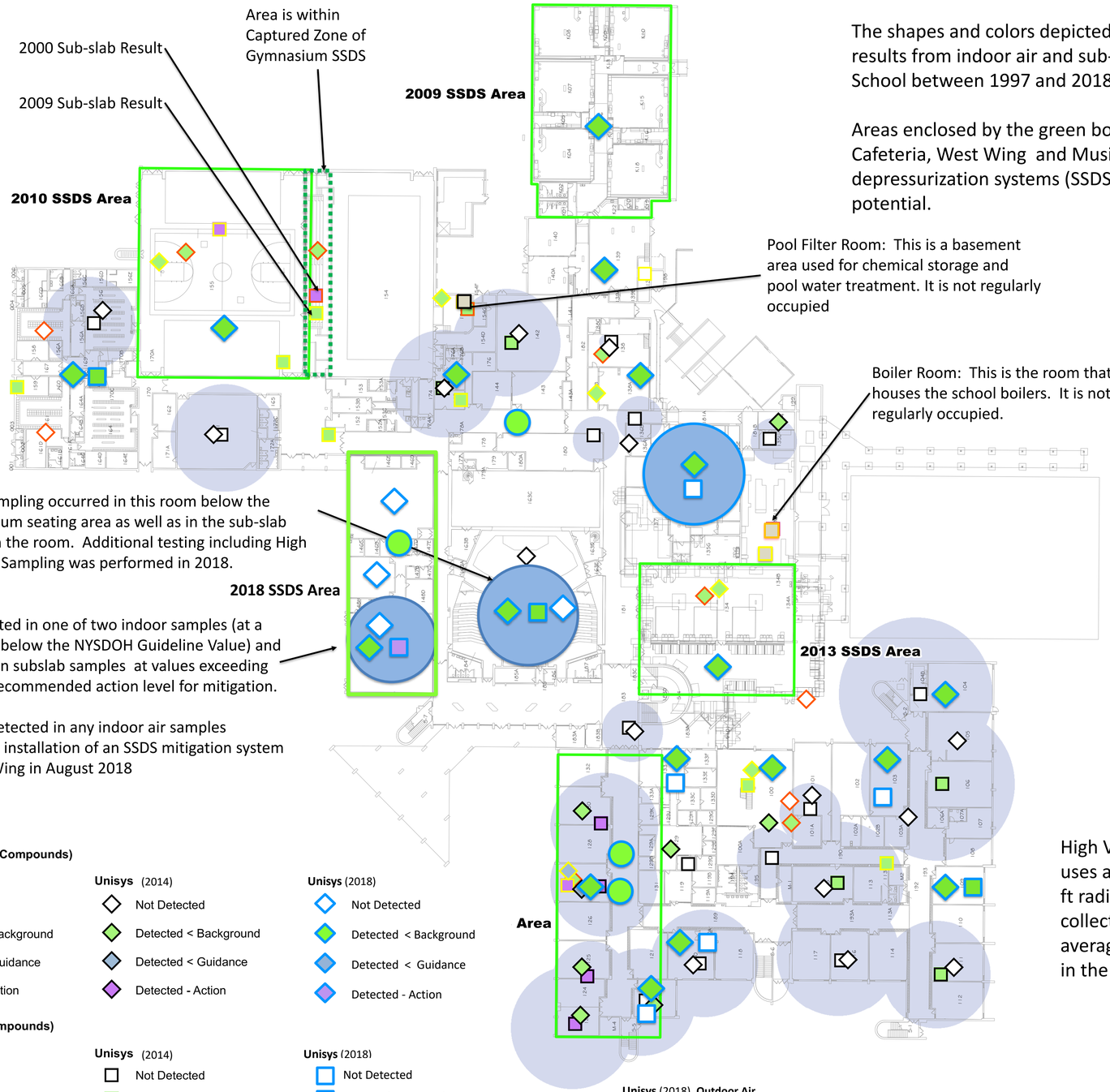
Former Sperry Remington - North Portion #808022
Elmira, New York

Geosyntec consultants

Columbia, Maryland | December 2018

Figure 2-7

P:\GIS\Elmira - #808022\Maps\MXD\EC ACGCs\SiteChar\ExtentofCOPCsinGroundwaterInset_RDV_21-Dec-2018.



The shapes and colors depicted on this figure represent the locations and results from indoor air and sub-slab samples collected at Elmira High School between 1997 and 2018.

Areas enclosed by the green boxes: Gymnasium, K Wing Science Addition, Cafeteria, West Wing and Music Wing have operating sub-slab depressurization systems (SSDS) installed to mitigate the vapor intrusion potential.

Explanation

- Sub-Slab Depressurization System
- Radius of Influence of High Volume Sampling

Indoor/Outdoor Air Sampling Location (NYSDOH Matrix Compounds)

NYSDEC/NYSDOH	ECSD	Unisys (2014)	Unisys (2018)
Not Detected	Not Detected	Not Detected	Not Detected
Detected < Background	Detected < Background	Detected < Background	Detected < Background
Detected < Guidance	Detected < Guidance	Detected < Guidance	Detected < Guidance
Detected - Action	Detected - Action	Detected - Action	Detected - Action

Sub-Slab Vapor Sampling Location (NYSDOH Matrix Compounds)

NYSDEC/NYSDOH	ECSD	Unisys (2014)	Unisys (2018)
Not Detected	Not Detected	Not Detected	Not Detected
Detected - No Further Action	Detected - No Further Action	Detected - No Further Action	Detected - No Further
Detected - Mitigate	Detected - Mitigate	Detected - Mitigate	Detected - Mitigate
Detected – Unoccupied Space			

Unisys (2018). **Outdoor Air**

Detected at Background Concentrations

- Orange Border – Sample Collected BY NYSDEC/NYSDOH (1997-2000)
- Yellow Border – Sample Collected BY ECSD. (2009)
- Black Border – Sample Collected BY Unisys (2014)
- Blue Border – Sample Collected BY Unisys (2018)

SVIA Sampling Locations and Types
Supplemental Vapor Intrusion Assessment Program 2018

- Indoor Air
- Outdoor Air
- Sub-Slab
- HVS

High Volume Sampling (HVS) is a sampling technique that uses a “shop vac” to extract soil gas from a broad area 10 -50 ft radius below the slab. Samples of the extracted gas are collected for field and laboratory analysis to characterize the average concentration of volatile organic compounds (VOCs) in the sub-slab in the sampling area.

40 20 0 40 Feet

Previous Indoor and Sub-slab Sampling Results and Results from 2018 SVIA Sampling

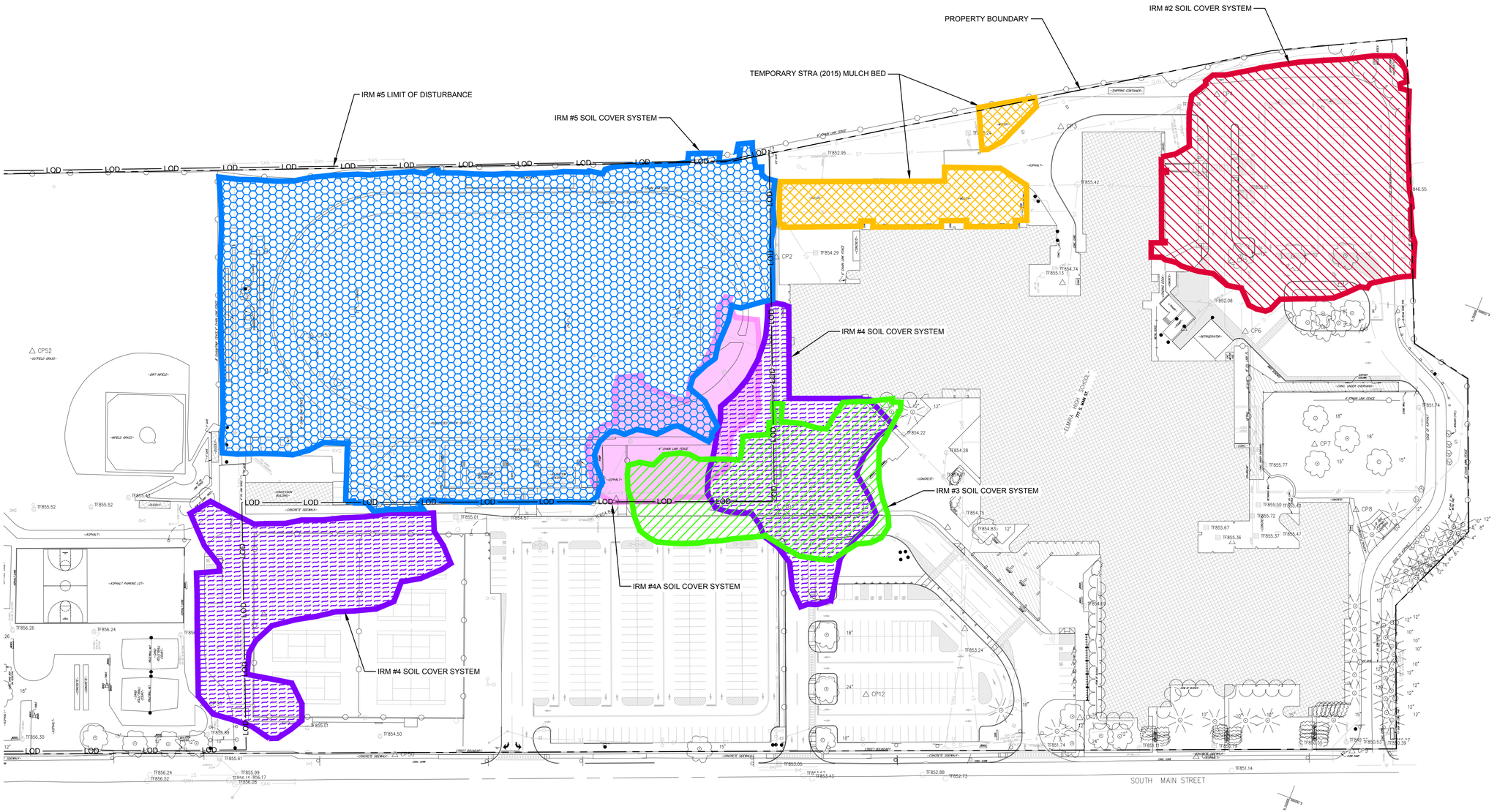
Former Sperry Remington Site – North Portion
Elmira, New York

Geosyntec consultants
Columbia, Maryland
December 2018

Figure 2-8

Notes
1. Building layout derived from First Floor - SSHS.CAD.dwg

X:\Geosyntec\Elmira\SVI_SR\GIS_SR\mxds\Fig 2-8 SVIA_Poster.mxd 13-Jun-2018



ENGINEERED CONTROLS SOIL COVER SYSTEMS LEGEND

- IRM #2 SOIL COVER SYSTEM
- IRM #3 SOIL COVER SYSTEM
- IRM #4 SOIL COVER SYSTEM
- IRM #4A SOIL COVER SYSTEM
- IRM #5 SOIL COVER SYSTEM
- TEMPORARY STRA (2015) MULCH BED
- BUILDING

0 60 120

SCALE IN FEET

AREAS WITH PERMANENT COVER

B&B Engineers & Geologists of new york, p.c.

an affiliate of Geosyntec Consultants

UNISYS

DATE:	SEPTEMBER 2023
PROJECT NO.	MN08321
DOCUMENT NO.	
FILE NO.	MN08321 - FIG 3-1
FIGURE NO.	3-1

I:\COLUMBIA-01\DATA\CAD\PROJECTS\EL\UNISYS - ELMIRA NY (MN08321)\MN08321 ISMP\FIGURE\MN08321 ISMP FIGURE 3-1.DWG - FIG 3-1

Legend

- Metes & Bounds Survey
- Former Areas with Temporary Cover
- Former Areas with Temporary Cover - Removed
- Areas with Temporary Cover

Notes

Metes & Bounds survey data provided by Hunt as of 6 January 2023

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 19 September 2023.

150 75 0 150 Feet

Areas with Temporary Cover

Former Sperry Remington - North Portion c808022
Elmira, New York

B&B Engineers & Geologists of new york, p.c.

an affiliate of Geosyntec Consultants

Columbia, Maryland | September 2023

Figure **3-2**

M:\m\Minneapolis-01\data\GIS\Bmxp - MN0829\Maps\SR and FRA Report\Anderson - AS\bmxp - Cover - update2023.mxd - author: 19-Sep-2023

APPENDIX A –PROPERTY DESCRIPTION

FORM 556X N. Y. DEED—BARGAIN AND SALE (From a Corporation)

TUTBLANK REGISTERED U. S. PAT. OFFICE
TUTTLE LAW PRINT, PUBLISHERS BUILDING ST. ALBANS

33.00

This Indenture,

LIBER 653 PAGE 925

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,

party of the second part,

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.

Liber 893 PAGE 936

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, VICE PRESIDENT

ASSESSING OFFICE
ELMIRA, N. Y.

JUN 22 1977

_____
ASSESSOR

RECEIVED
$ 35.00
REAL ESTATE
JUN 15 1977
TRANSFER TAX
CHEMUNG
COUNTY

#2788

State of New York } ss.
County of CHEMUNG }

On this 15th *day of* June, *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.*

_____
Notary Public

RICHARD DENTON 08-5989800
Notary Public, Chemung County
State of New York
Commission Expires 30th March 1978

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

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

RECEIVED $ Exempt REAL ESTATE APR 21 1977 TRANSFER TAX CHEMUNG COUNTY

2165

FILED FOR RECORD APR 21 4 53 PM 1977 CHEMUNG COUNTY CLERK'S OFFICE

ASSESSOR'S OFFICE ELMIRA, N.Y. APR 21 1977 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.

LIBER 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 S. W. Herwald

Its Vice President

Attest:

Its Assistant Secretary

State of Pennsylvania,)
: ss.
County of Allegheny .)

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. Kandsberger

Notary Public

JEANNE F. KANDSBERGER, Notary Public
Pittsburgh, Allegheny County, Pa
My Commission Expires
July 27, 1979

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. Kandsberger, Esquire, before whom the foregoing ACKNOWLEDGMENT or AFFIDAVIT was taken, and who has thereunto, 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 acknowledgments and proof of deeds to land, etc., to be recorded, to all whose acts as such due 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 seventy-seven.

John P. Joyce Prothonotary.

By Deputy

20928

APPENDIX B-1

RESPONSIBILITIES of

OWNER and REMEDIAL PARTY

Responsibilities

The responsibilities for implementing the Interim Site Management Plan ("ISMP") for the Former Sperry Remington Site – North Portion Site (the "site"), number c808022, are divided between the site owner(s) and a Remedial Party, as defined below. The owner(s) (the "owner") is/are currently listed as:

Elmira City School District
Hillary Austin, Superintendent
607-735-3010
haustin@elmiracityschools.com.
951 Hoffman Street
Elmira, NY 14905

Solely for the purposes of this document and based upon the facts related to a particular site and the remedial program being carried out, the term Remedial Party ("RP") refers to any of the following: certificate of completion holder, volunteer, applicant, responsible party, and, in the event the New York State Department of Environmental Conservation ("NYSDEC") is carrying out remediation or site management, the NYSDEC and/or an agent acting on its behalf. The RP is:

Unisys Corporation
Kevin Krueger, Director, Global Environmental, Safety, Health and Security, Corporate Real Estate and General Services
651-212-7273
kevin.krueger@unisys.com.
801 Lakeview Drive, Suite 100
Blue Bell, PA 19422

Nothing on this page shall supersede the provisions of an Environmental Easement, Consent Order, Consent Decree, agreement, or other legally binding document that affects rights and obligations relating to the site.

Site Owner's Responsibilities:

1) The owner shall follow the provisions of the ISMP as they relate to future construction and excavation at the site.

2) In accordance with a periodic time frame determined by the NYSDEC, the owner shall periodically certify, in writing, that all Institutional Controls set forth in a(n) Environmental Easement remain in place and continue to be complied with. The owner shall provide a written certification to the RP, upon the RP's request, in order to allow the RP to include the certification in the site's Periodic Review Report (PRR) certification to the NYSDEC.

3) In the event the site is delisted, the owner remains bound by the Environmental Easement and shall submit, upon request by the NYSDEC, a written certification that the Environmental Easement is still in place and has been complied with.

4) The owner shall grant access to the site to the RP and the NYSDEC and its agents for the purposes of performing activities required under the ISMP and assuring compliance with the ISMP.

5) The owner is responsible for assuring the security of the remedial components located on its property to the best of its ability. In the event that damage to the remedial components or vandalism is evident, the owner shall notify the site's RP and the NYSDEC in accordance with the timeframes indicated in Section 1.3-Notifications.

6) In the event some action or inaction by the owner adversely impacts the site, the owner must notify the site's RP and the NYSDEC in accordance with the time frame indicated in [Section 1.3]- Notifications and (ii) coordinate the performance of necessary corrective actions with the RP.

7) The owner must notify the RP and the NYSDEC of any change in ownership of the site property (identifying the tax map numbers in any correspondence) and provide contact information for the new owner of the site property/ies. 6 NYCRR Part 375 contains notification requirements applicable to any construction or activity changes and changes in ownership. Among the notification requirements is the following: Sixty days prior written notification must be made to the NYSDEC. Notification is to be submitted to the NYSDEC Division of Environmental Remediation's Site Control Section. Notification requirements for a change in use are detailed in Section 2.4 of the ISMP. A 60-Day Advance Notification Form and Instructions are found at http://www.dec.ny.gov/chemical/76250.html.

8) The owner will maintain permanent cover, and repair turf and floor cracks damaged by normal use on behalf of the RP. The RP remains ultimately responsible for maintaining the engineering controls.

9) Until such time as the NYSDEC deems the vapor mitigation systems unnecessary, the owner shall operate the systems, monitor sub-slab vapor mitigation system operations, pay for the utilities for the systems' operation, and report any maintenance issues to the RP and the NYSDEC.

10) In accordance with the tenant notification law, within 15 days of receipt, the owner must supply a copy of any vapor intrusion data, that is produced with respect to structures and that exceeds NYSDOH or OSHA guidelines on the site, whether produced by the NYSDEC, RP, or owner, to the tenants, if any, on the property. The owner must otherwise comply with the tenant and occupant notification provisions of Environmental Conservation Law Article 27, Title 24.

Remedial Party Responsibilities

1) The RP must follow the ISMP provisions regarding any construction and/or excavation it undertakes at the site.

2) The RP shall report to the NYSDEC all activities required for remediation, operation, maintenance, monitoring, and reporting. Such reporting includes, but is not limited to, periodic review reports and certifications, electronic data deliverables, corrective action work plans and reports, and updated SMPs.

3) Before accessing the site property to undertake a specific activity, the RP shall provide the owner advance notification that shall include an explanation of the work expected to be completed. The RP shall provide to (i) the owner, upon the owner's request, (ii) the NYSDEC, and (iii) other entities, if required by the ISMP, a copy of any data generated during the site visit and/or any final report produced.

4) If the NYSDEC determines that an update of the ISMP is necessary, the RP shall update the ISMP in consultation with the owner and obtain final approval from the NYSDEC. Within 5 business days after NYSDEC approval, the RP shall submit a copy of the approved ISMP to the owner(s).

5) The RP shall notify the NYSDEC and the owner of any changes in RP ownership and/or control and of any changes in the party/entity responsible for the operation, maintenance, and monitoring of and reporting with respect to any remedial system (Engineering Controls). The RP shall provide contact information for the new party/entity. Such activity constitutes a Change of Use pursuant to 375-1.11(d) and requires 60-days prior notice to the NYSDEC. A 60-Day Advance Notification Form and Instructions are found at http://www.dec.ny.gov/chemical/76250.html .

6) The RP shall notify the NYSDEC of any damage to or modification of the systems as required under Section1.3 - Notifications of the ISMP.

7) The RP is responsible for the proper maintenance of any installed vapor intrusion mitigation systems associated with the site, as required in Section 5.4 or Appendix K (Operations and Maintenance Manual) of the ISMP.

8) Prior to a change in use that impacts the remedial system or requirements and/or responsibilities for implementing the ISMP, the RP shall submit to the NYSDEC for approval an amended ISMP.

9) Any change in use, change in ownership, change in site classification (*e.g.*, delisting), reduction or expansion of remediation, and other significant changes related to the site may result in a change in responsibilities and, therefore, necessitate an update to the ISMP and/or updated legal documents. The RP shall contact the Department to discuss the need to update such documents.

Change in RP ownership and/or control and/or site ownership does not affect the RP's obligations with respect to the site unless a legally binding document executed by the NYSDEC releases the RP of its obligations.

Future site owners and RPs and their successors and assigns are required to carry out the activities set forth above.

APPENDIX B-2 – LIST OF SITE CONTACTS

Name	Phone/Email Address
Joe Magliocca Representative of ECSD (Site Owner)	Phone: 607-735-3980 Email: jmagliocca@elmiracityschools.com
Peter Meybaum Representative of ECSD	Phone: 607-735-3992 Email: pmeybaum@gstboces.org
Kevin Krueger Representative of Unisys Corporation (Remedial Party)	Phone: 651-212-7273 Email: kevin.krueger@unisys.com
Jen Huha Geosyntec Consultants, Inc .	Phone: 610-636-1016 Email: jhuha@geosyntec.com
Kaitlin Ouverson, PE B&B Engineers & Geologists of New York, PC	Phone: 612-253-8213 Email: kouverson@geosyntec.com
Aron Krasnopoler, Ph. D., PE B&B Engineers & Geologists of New York, PC	Phone: 410-381-4333 Email: akrasnopoler@geosyntec.com
Kaleigh Zappia NYSDEC DER Project Manager	Phone: 585-226-5351 Email: kaleigh.zappia@dec.ny.gov
David G. Pratt, PE NYSDEC Regional HW Engineer	Phone: 585-226- 5449 Email: david.pratt@dec.ny.gov
Kelly Lewandowski, PE NYSDEC Site Control	Phone: 518-402-9553 Email: kelly.lewandowski@dec.ny.gov

APPENDIX C
HISTORIC SOIL BORING LOGS

APPENDIX C
HISTORIC SOIL BORING LOGS

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BORING B100

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/15/14 **COMPLETED** 8/15/14
NORTHING 753812 ft **EASTING** 762745 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY A. Wadhawan **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, medium grained, moist, brown to black, fill material	0.1
				0.3
				0.1
			Black, ash like material	0.1
2.5				0.1
				0.1
				0.1
				0.1
				0
5.0				2.3
				0.3
			CLAYEY SAND WITH GRAVEL, medium to coarse grained, moist, brown, low plasticity	0.1
				0.1
				0.1
				0.1
7.5				0.1
			WELL GRADED SAND WITH GRAVEL, fine to coarse grained, moist, brown	0.1
				0.1
			Medium dense, SILT, moist, brown and gray	0.1
				0.1

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BORING B100

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Medium dense, SILT, moist, brown and gray *(continued)*	0.1
				0.1
			LEAN CLAY, with silt, moist, brown and gray, low plasticity	0.1
				0.1
				0.1
12.5				0.1
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, wet, brown	0.1
				0.1
				0.1
				0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B101

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753860 ft **EASTING** 762682 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			WELL GRADED SAND WITH GRAVEL, fill material	0
				0
2.5				0
			Black, ash like material	0
				0
5.0				0
				0
7.5				0
				0
				0

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BORING B101

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Dense, WELL GRADED GRAVEL WITH SILT, fine to medium grained, moist, brown	0
				0
12.5			WELL GRADED SAND WITH GRAVEL, fine to medium grained, moist to wet, gray, some odor	0.1
				0.1
				0.1
15.0				0.1
			Refusal at 15.5 feet. Bottom of borehole at 15.5 feet.	
17.5				
20.0				

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BORING B102

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753682 ft **EASTING** 762778 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B102-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	7.7
2.5		SSHS-B102-SUB- 2-4		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown, trace oxidation	0.3
				No Recovery	
		SSHS-B102-SUB- 4-6		SAND, little fine to coarse gravel, moist, brown with black	
5.0				SAND, some fine to coarse gravel, trace silt, moist, brown	1.2
				Moist, Brick	
		SSHS-B102-SUB- 6-8		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	
				No Recovery	8.2
7.5		SSHS-B102-SUB- 8-10		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown with black, trace brick	
				SILT, moist, brown	4.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B103

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753664 ft **EASTING** 762759 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B103-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black, little plant matter	5.7
				SAND, some fine to coarse gravel, dry, brown	
		SSHS-B103-SUB- 4-6		SAND, some fine to coarse gravel, few black shiny material (ash), trace silt, moist, black, hydrocarbon odor	15.1
2.5				No Recovery	
		SSHS-B103-SUB- 6-8		SAND, some black shiny material (ash), moist, black	2.6
5.0		SSHS-B103-SUB- 2-4		SAND, some silt, few fine to coarse gravel, moist, yellow with black	0.8
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B104

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753651 ft **EASTING** 762732 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SAND, some silt, moist, brown, trace organic matter	4
			SAND, few black shiny material (ash), some fine to coarse gravel, moist, dark brown and black, trace brick	2.1
2.5			SAND, some black shiny material (ash), trace fine gravel, moist, black	3
5.0			SAND, some fine to coarse gravel, moist, yellow with black	0.7
7.5			Bottom of borehole at 8.0 feet.	

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BORING B105

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753640 ft **EASTING** 762700 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SAND, some fine to coarse gravel, moist, brown, trace organic material (roots), little oxidation color	2.8
			SAND, some black shiny material (ash), some fine to coarse gravel, trace silt, moist, brown, little oxidation color	
2.5				1
			SAND, some black shiny material (ash), few silt, moist, black	4.1
5.0			SAND, some silt, few fine to coarse gravel, moist, yellow with black	0.5
7.5				

Bottom of borehole at 8.0 feet.

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BORING B106

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753630 ft **EASTING** 762674 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, moist, brown, trace organic matter	2.2
			SAND, some fine to coarse gravel, trace silt, moist, brown	
				0.9
2.5				
			SAND, little fine gravel, moist, brown with black	1.3
5.0				
				0.8
7.5				
			Bottom of borehole at 8.0 feet.	

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BORING B106A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753630 ft **EASTING** 762674 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown, little brick	26.7
2.5				SAND, moist, yellow	21.1
				Becomes black shiny material (ash), moist	
				No Recovery	
5.0				Becomes black shiny material (ash), moist	
				SAND, some fine to coarse gravel, moist, yellowish orange, oxidation color	
				SILT, trace sand, moist, yellow	2.5
7.5				SAND, little silt, moist, yellow	
				Black shiny material (ash), moist	
		SSHS-B106A-SUB-8-10		SAND, some fine to coarse gravel, little silt, moist, yellow	1.2

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BORING B106A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B107

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753615 ft **EASTING** 762646 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B107-SUB- 0-2		SILT, trace organic matter	1.7
		SSHS-B107-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	1
2.5				No Recovery	
		SSHS-B107-SUB- 4-6		SAND, some fine to coarse gravel, little black shiny material (ash), moist, black	
5.0				SAND, some fine to coarse gravel, dry, grayish	0.7
		SSHS-B107-SUB- 6-8		SAND, some silt, few fine to coarse gravel, moist, yellow	0.7
7.5				No Recovery	
8.0				Bottom of borehole at 8.0 feet.	

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BORING B108

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753605 ft **EASTING** 762617 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B108-SUB-0-2		SILT, moist, brown, trace organic matter	32.6
		SSHS-B108-SUB-2-4		SAND, some black shiny material (ash), few fine to coarse gravel, moist, brown	10.6
				No Recovery	
2.5					
				SILT, little fine gravel, moist, brown	4.8
		SSHS-B108-SUB-4-6		SAND, some black shiny material (ash), moist, black	
5.0					0.7
		SSHS-B108-SUB-6-8		SAND, some fine to coarse gravel, moist, brown	
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B109

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753694 ft **EASTING** 762766 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B109-SUB- 0-2		SAND, some fine to coarse gravel, trace silt, moist, brown	1.2
		SSHS-B109-SUB- 2-4		SAND, some black shiny material (ash), moist, brown	2.1
2.5				No Recovery	
				SAND, some black shiny material (ash), trace fine gravel, moist, black	
5.0		SSHS-B109-SUB- 4-6		SILT, moist, yellow	2.2
				SAND, trace black shiny material (ash), trace silt, moist, brown, trace brick	
		SSHS-B109-SUB- 6-8		POORLY GRADED GRAVEL WITH SAND, SAND, dry, gray	1.1
7.5				SAND, some fine to coarse gravel, trace silt, moist, yellow	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B110

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753689 ft **EASTING** 762722 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B110-SUB- 0-2		ASPHALT, and gravel	4.3
				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B110-SUB- 2-4		SAND, some black shiny material (ash), little fine to coarse gravel, trace silt, moist, black	1.6
				No Recovery	
2.5					
				SAND, little fine gravel, trace silt, moist, black	
				SAND, some coarse gravel, moist, brown	
		SSHS-B110-SUB- 4-6		Black shiny material (ash), some sand, moist, black	2.8
5.0					
				SILT, little coarse gravel, moist, yellow with black	
		SSHS-B110-SUB- 6-8			0.9
				No Recovery	
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B111

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753658 ft **EASTING** 762646 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS- B111- SUB- 0-2		ASPHALT, and gravel	1.9
		SSHS- B111- SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	1.4
				No Recovery	
2.5					
				SAND, some fine to coarse gravel, trace silt, moist, brown with black	
		SSHS- B111- SUB- 4-6		SAND, some black shiny material (ash), little fine gravel, moist, black	0.9
5.0					
				SAND, few black shiny material (ash), little fine to coarse gravel, trace silt, moist, yellow	
		SSHS- B111- SUB- 6-8			0.8
				No Recovery	
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B112

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753634 ft **EASTING** 762587 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 7' Depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B112-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	1.7
		SSHS-B112-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown and black	1.4
2.5				No Recovery	
		SSHS-B112-SUB- 4-6		SAND, some fine to coarse gravel, wet, brown	
				SAND, some fine to coarse gravel, trace silt, moist, brown	1.2
5.0				POORLY GRADED GRAVEL WITH SAND, SAND, dry, grayish	
		SSHS-B112-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown and black	2.5
				No Recovery	
7.5				Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.	

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BORING B114

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/31/15 **COMPLETED** 7/31/15
NORTHING 753723 ft **EASTING** 762779 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	10.4
		SSHS-B114-SUB- 0-2		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown	
				SAND, moist, yellow	13.9
2.5		SSHS-B114-SUB- 2-4		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown with black, trace brick	
				No Recovery	
				Bottom of borehole at 4.0 feet.	

2.5
5.0
7.5

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BORING B115

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753711 ft **EASTING** 762760 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B115-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace brick pieces	2.8
		SSHS-B115-SUB- 2-4		Black shiny material (ash), trace sand, moist, black	1.5
2.5				No Recovery	
		SSHS-B115-SUB- 4-6		Black shiny material (ash), few gravel, moist, black	
5.0				SAND, little fine to coarse gravel, trace black shiny material (ash), moist, yellow with black	0.9
		SSHS-B115-SUB- 6-8			0.6
7.5				SILT, little fine to coarse gravel, trace sand, moist, yellow	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B116

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 753719 ft **EASTING** 762746 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel, dry	
		SSHS-B116-SUB- 0-2		POORLY GRADED GRAVEL WITH SAND, dry, brown	0.6
				SAND, some gravel, trace black shiny material (ash), moist, brown with black	
		SSHS-B116-SUB- 2-4			1
2.5				SAND, moist, black, No Recovery	
				Black shiny material (ash), some fine to coarse gravel, moist	
		SSHS-B116-SUB- 4-6			0.6
5.0				SAND, some fine to medium gravel, few black shiny material (ash), moist, black	
		SSHS-B116-SUB- 6-8		SAND, moist, yellow	0.6
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B117

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 753710 ft **EASTING** 762722 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel, dry	
		SSHS-B117-SUB- 0-2		POORLY GRADED GRAVEL WITH SAND, dry, brown	0.8
				SAND, some fine to coarse gravel, moist, brown with black, trace brick	
		SSHS-B117-SUB- 2-4			0.9
				No Recovery	
2.5					
				POORLY GRADED GRAVEL WITH SAND, dry, brown	
		SSHS-B117-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black	2.8
5.0					
				SAND, some fine to coarse gravel, few black shiny material (ash), moist, black	
		SSHS-B117-SUB- 6-8			1.8
				SILT, trace sand, moist, yellow	
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B117A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753710 ft **EASTING** 762722 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
				SAND, some fine to coarse gravel, moist, brown	34.6
				SAND, few black shiny material (ash), moist, black	
2.5				SAND, some silt, few fine to coarse gravel, moist, brown with yellow, trace brick, trace oxidation color	2.1
				No Recovery	
5.0				SAND, some fine to coarse gravel, moist, brown with black	
				SAND, some black shiny material (ash), little black shiny material (ash), moist, black	6.9
7.5				SILT, little fine gravel, moist, yellow	
				SAND, some black shiny material (ash), little fine to coarse gravel, moist, black	
		SSHS-B117a-SUB-8-10		SAND, some fine to coarse gravel, few silt, moist, yellow	3.6

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BORING B117A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SAND, some fine to coarse gravel, few silt, moist, yellow *(continued)*	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B118

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 753708 ft **EASTING** 762697 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel, dry	
		SSHS-B118-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	1.5
		SSHS-B118-SUB- 2-4		SAND, some fine to coarse gravel, few silt, moist, brown, hydrocarbon odor	0.9
2.5				SAND, few fine gravel, moist, brown	
				No Recovery	
		SSHS-B118-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	1.8
5.0				SAND, some fine to coarse gravel, moist, black	
		SSHS-B118-SUB- 6-8			0.8
				SAND, moist, yellow	
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B119

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753692 ft **EASTING** 762665 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B119-SUB- 0-2		ASPHALT, and gravel	
				SAND, some fine to coarse gravel, moist, brown with red	7
		SSHS-B119-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	0.8
				No Recovery	
2.5					
		SSHS-B119-SUB- 4-6		SAND, some fine to coarse gravel, little silt, moist, black, trace brick, trace oxidation color	2.8
		SSHS-B119-SUB- 6-8			1
5.0				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B119A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753692 ft **EASTING** 762665 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
				SAND, some fine to coarse gravel, moist, brown	
				SAND, few fine to coarse gravel, little black shiny material (ash), trace silt, moist, brown and black	7.6
2.5				No Recovery	
5.0				SAND, some black shiny material (ash), moist, black	0.9
				SILT, few fine to coarse gravel, few sand, moist, yellow	
7.5				No Recovery	
				SAND, some black shiny material (ash), few silt, moist, black	
		SSHS-B119a-SUB-8-10		SILT, few sand, little fine to coarse gravel, moist, yellow	1

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BORING B119A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B120

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753690 ft **EASTING** 762630 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B120-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with reddish black	1.8
				SAND, some black shiny material (ash), little fine gravel, moist, black	
		SSHS-B120-SUB- 2-4		SAND, some fine to coarse gravel, trace silt, moist, brown with black	1.3
				Black shiny material (ash), moist	
2.5				No Recovery	
				SAND, little fine gravel, trace silt, moist, black	
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B120-SUB- 4-6		SAND, some black shiny material (ash), moist, black	1.2
5.0					
				SAND, some fine to coarse gravel, little black shiny material (ash), moist, yellow with black	
		SSHS-B120-SUB- 6-8			2.2
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B121

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 753673 ft **EASTING** 762602 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 7' Depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B121-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown and black	22.6
2.5		SSHS-B121-SUB- 2-4		SAND, some fine to coarse gravel, trace silt, moist, black	2.3
				No Recovery	
		SSHS-B121-SUB- 4-6		SAND, few fine gravel, moist, brown	11.6
5.0				SAND, some fine to coarse gravel, trace silt, moist, black	
				SAND, some fine to coarse gravel, moist, brown, trace oxidation like color	
		SSHS-B121-SUB- 6-7		Black shiny material (ash), moist	2.2
7.5				Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.	

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BORING B122

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753655 ft **EASTING** 762579 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 7' Depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
				SAND, some black shiny material (ash), few fine to coarse gravel, moist, brown, little brick	
		SSHS-B122-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	15.3
		SSHS-B122-SUB- 4-6		SAND, some fine to coarse gravel, moist, black	1.5
2.5				No Recovery	
				SILT, little fine gravel, moist, brown	
		SSHS-B122-SUB- 6-7		SAND, some fine to coarse gravel, moist, brown	18.3
5.0				SILT, moist, brown, hydrocarbon odor	
				Black shiny material (ash)	
		SSHS-B122-SUB- 0-2		SAND, some silt, little fine gravel, trace black shiny material (ash), moist, black	6.1
				No Recovery	
7.5				Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.	

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BORING B123

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753661 ft **EASTING** 762551 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B123-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	52.3
		SSHS-B123-SUB- 2-4		SAND, trace fine to coarse gravel, moist, brown and black, trace brick	0.6
2.5				No Recovery	
				SAND, little fine gravel, moist, brown, some oxidation color	
		SSHS-B123-SUB- 4-6		Moist, Brick, red	4.2
5.0				SAND, some coarse gravel, moist, brown with black	
				Black shiny material (ash), moist	
		SSHS-B123-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	0.2
7.5				No Recovery	
		SSHS-B123-SUB- 8-10		SAND, some black shiny material (ash), little fine gravel, moist, brown, trace brick	1.7
				SILT, little fine gravel, moist, brown	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B124

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753772 ft **EASTING** 762726 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B124-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	46
		SSHS-B124-SUB- 2-4		Moist, Brick, red	
				POORLY GRADED GRAVEL WITH SAND, coarse gravel, moist, gray	8.8
2.5				No Recovery	
		SSHS-B124-SUB- 4-6		POORLY GRADED GRAVEL WITH SAND, coarse gravel, moist, brown, some brick	6.5
				SAND, little gravel, moist, brown	
5.0		SSHS-B124-SUB- 6-8		SAND, little fine gravel, moist, black, hydrocarbon odor	51.4
				No Recovery	
7.5					
		SSHS-B124-SUB- 8-10		SAND, some fine to coarse gravel, little silt, moist, brown, trace brick	29.1
				SILT, moist, black, hydrocarbon odor	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B125

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/31/15 **COMPLETED** 7/31/15
NORTHING 753753 ft **EASTING** 762734 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B125-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace oxidation color	30.2
		SSHS-B125-SUB- 2-4			4.9
2.5				No Recovery	
		SSHS-B125-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown, trace oxidation color	19
5.0				SAND, some fine to coarse gravel, little silt, moist, brown, hydrocarbon odor	
		SSHS-B125-SUB- 6-8			17.9
				No Recovery	
7.5				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B125-SUB- 8-10		SAND, some silt, few fine to coarse gravel, moist, hydrocarbon odor	33.9
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B126

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/31/15 **COMPLETED** 7/31/15
NORTHING 753738 ft **EASTING** 762706 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B126-SUB- 0-2		SAMPLE SSHS-B126-SUB- 0-2 SAND, some fine to coarse gravel, little silt, moist, brown	
				Black shiny material (ash), moist	23
2.5		SSHS-B126-SUB- 2-4		SAMPLE SSHS-B126-SUB- 2-4 SAND, some fine to coarse gravel, moist, brown with black, trace oxidation color	1.1
				No Recovery	
5.0		SSHS-B126-SUB- 4-6		SAMPLE SSHS-B126-SUB- 4-6 SAND, some fine to coarse gravel, trace silt, moist, brown, few oxidation color	2.1
		SSHS-B126-SUB- 6-8		SAMPLE SSHS-B126-SUB- 6-8	0.4
7.5				SAND, some fine to coarse gravel, few silt, moist, brown	
				No Recovery	
		SSHS-B126-SUB- 8-10		SAMPLE SSHS-B126-SUB- 8-10 SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	17.6
				SAND, some fine to coarse gravel, moist, greenish, hydrocarbon odor	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B127

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/31/15 **COMPLETED** 7/31/15
NORTHING 753729 ft **EASTING** 762689 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B127-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace brick	7.2
		SSHS-B127-SUB- 2-4		Black shiny material (ash), moist	0.9
2.5				No Recovery	
		SSHS-B127-SUB- 4-6		Black shiny material (ash), some fine gravel, moist	5.3
5.0				SILT, moist, yellow	
		SSHS-B127-SUB- 6-8		SAND, some black shiny material (ash), moist, black	0.4
				SAND, some silt, little fine to coarse gravel, moist, brown	
7.5				No Recovery	
				Black shiny material (ash), some coarse gravel, moist	
		SSHS-B127-SUB- 8-10		SAND, some fine to coarse gravel, moist, brown	1.2

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SAND, some fine to coarse gravel, moist, brown *(continued)*	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B129

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/31/15 **COMPLETED** 7/31/15
NORTHING 753722 ft **EASTING** 762650 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B129-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	10.7
2.5		SSHS-B129-SUB- 2-4		SAND, some black shiny material (ash), moist, black	6.9
				No Recovery	
		SSHS-B129-SUB- 4-6		SAND, some black shiny material (ash), little fine to coarse gravel, moist, black	14.2
5.0				SAND, some coarse gravel, trace black shiny material (ash), moist, brown	
		SSHS-B129-SUB- 6-8			1.4
				No Recovery	
7.5				SAND, some black shiny material (ash), little gravel, moist, black	
		SSHS-B129-SUB- 8-10			4.7
				SAND, some fine to coarse gravel, moist, brown	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B130

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753710 ft **EASTING** 762622 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B130-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	2
		SSHS-B130-SUB- 0-2		SAND, some fine to coarse gravel, trace silt, trace black shiny material (ash), moist, black	1.6
2.5				SAND, some fine gravel, moist, brown, few brick pieces	
				No Recovery	
		SSHS-B130-SUB- 0-2		SAND, few silt, little fine gravel, moist, brown	
				SAND, some fine to coarse gravel, moist, brown	
				SAND, few silt, moist, black	1.2
5.0				SAND, some fine to coarse gravel, moist, black	
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	
		SSHS-B130-SUB- 0-2		No Recovery	1.2
7.5					

Bottom of borehole at 8.0 feet.

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BORING B131

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 753704 ft **EASTING** 762589 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B131-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	2.3
		SSHS-B131-SUB- 2-4		SAND, some fine to coarse gravel, moist, black	2.2
2.5				No Recovery	
				SAND, little fine gravel, moist, black	
				SAND, some fine to coarse gravel, moist, brown with black	
5.0		SSHS-B131-SUB- 4-6			2.5
		SSHS-B131-SUB- 6-8			4.6
7.5				SAND, some fine to coarse gravel, moist, black	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B132

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753682 ft **EASTING** 762567 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 7' Depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
				POORLY GRADED GRAVEL WITH SAND, dry, brown	
		SSHS-B132-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	8
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown and black	
2.5		SSHS-B132-SUB- 2-4			6.8
				No Recovery	
		SSHS-B132-SUB- 4-6		SAND, some fine to coarse gravel, few silt, moist, black	61.7
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B132-SUB- 6-8			9.4
				SAND, some silt, moist, black	
				No Recovery	
7.5				Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.	

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BORING B133

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753685 ft **EASTING** 762542 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B133-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	4.7
				SAND, few fine to coarse gravel, moist, brown and black, trace white color	
2.5		SSHS-B133-SUB- 2-4			6.1
				POORLY GRADED GRAVEL WITH SAND, coarse gravel, trace black shiny material (ash), dry, whiteish	
				SAND, some fine to coarse gravel, moist, brown with black	
5.0		SSHS-B133-SUB- 4-6		Black shiny material (ash), few coarse gravel, moist	4.8
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B133-SUB- 6-8			0.4
7.5				POORLY GRADED GRAVEL WITH SAND, coarse gravel, moist, oxidation color	
				No Recovery	
		SSHS-B133-SUB- 8-10		SAND, few fine to coarse gravel, moist, brown and black	4.7
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B135

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754428 ft **EASTING** 762170 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B135-SUB- 0-2		SILT, moist, brown	10
				SAND, little fine gravel, moist, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B138

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754407 ft **EASTING** 762164 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B138-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	6.8
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B139

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753752 ft **EASTING** 762678 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B139-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	64.7
				Black shiny material (ash), little sand, moist	
2.5		SSHS-B139-SUB- 2-4		SAND, some fine to coarse gravel, trace silt, moist, yellow	12.7
				No Recovery	
		SSHS-B139-SUB- 4-6		SAND, few coarse gravel, little sand, moist, brown with black, some oxidation color	8.4
5.0					
		SSHS-B139-SUB- 6-8		SAND, some gravel, moist, brown	1.5
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B140

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 753777 ft **EASTING** 762666 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B140-SUB- 0-2		SAND, some fine to coarse gravel, little silt, moist, brown	44
		SSHS-B140-SUB- 2-4			5.1
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B141

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753759 ft **EASTING** 762639 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B141-SUB- 0-2		SAND, moist, brown with red	1.4
		SSHS-B141-SUB- 2-4		SAND, trace black shiny material (ash), moist, brown with black, trace brick	1.3
2.5				No Recovery	
		SSHS-B141-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black	1.7
5.0				POORLY GRADED GRAVEL WITH SAND, dry, gray	
		SSHS-B141-SUB- 6-8		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	1
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B142

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753755.9743 ft **EASTING** 762626.4253 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B142-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown, trace brick	1.4
		SSHS-B142-SUB- 2-4			1.2
2.5				SAND, moist, brown, some oxidation like color	
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown, trace brick	
		SSHS-B142-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown, little oxidation	1.6
5.0					
				SAND, some fine to coarse gravel, trace silt, moist, brown	
		SSHS-B142-SUB- 6-8			1.4
				No Recovery	
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B143

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753770.6009 ft **EASTING** 762622.894 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B143-SUB- 0-1		ASPHALT, and gravel	
				SAND, some fine to coarse gravel, moist, brown with black	1.7
				Construction debris	
				Bottom of borehole at 1.0 feet.	
2.5					
5.0					
7.5					

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BORING B144

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753735.5313 ft **EASTING** 762613.1371 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B144-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	0.4
				SAND, some fine to coarse gravel, some black shiny material (ash), moist, black	
		SSHS-B144-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, black	1
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, black	
		SSHS-B144-SUB- 4-6		SAND, few coarse gravel, moist, brown	2
5.0				SAND, some fine to coarse gravel, trace black shiny material (ash), trace silt, moist, brown	
		SSHS-B144-SUB- 6-8		POORLY GRADED GRAVEL WITH SAND, SAND, dry, brown	0.6
				SAND, little fine gravel, moist, brown, trace brick	
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B145

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 753726.7082 ft **EASTING** 762583.2426 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B145-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	0.4
		SSHS-B145-SUB- 2-4			1.5
2.5				No Recovery	
				SAND, few fine to coarse gravel, dry, brown	
		SSHS-B145-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black	0.5
5.0					
		SSHS-B145-SUB- 6-8			0.9
				SILT, little fine gravel, moist, brown	
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B146

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 753702.9065 ft **EASTING** 762559.8285 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
				GRAVEL, few sand, dry	
		SSHS-B146-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	2.3
				SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown	
		SSHS-B146-SUB- 2-4			0.9
2.5				SAND, little fine gravel, moist, brown	2.5
				SAND, some fine gravel, moist, brown, No Recovery	
				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B146-SUB- 4-6			3.3
5.0					5.0
				SAND, some black shiny material (ash), few fine to coarse gravel, moist, black	
		SSHS-B146-SUB- 6-8			4.2
				SAND, moist, black, some brick pieces	
7.5				No Recovery	7.5

Bottom of borehole at 8.0 feet.

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BORING B147

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 753745.9293 ft **EASTING** 762573.3781 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	3.9
		SSHS-B147-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	
					4.2
2.5		SSHS-B147-SUB- 2-4			
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown with black, trace wood mulch pieces	1.1
5.0		SSHS-B147-SUB- 4-6			
				SAND, some black shiny material (ash), little fine gravel, moist, black	2.4
		SSHS-B147-SUB- 6-8		SAND, some fine to coarse gravel, little silt, moist, brown and black	
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B148

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753716.3756 ft **EASTING** 762530.1437 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B148-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	9.9
				SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown, pieces of wood	
2.5		SSHS-B148-SUB- 0-2			4.4
				No Recovery	
				SAND, moist, black	
		SSHS-B148-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	2
5.0				Black shiny material (ash), moist, trace brick	
		SSHS-B148-SUB- 0-2		POORLY GRADED GRAVEL WITH SAND, coarse gravel, whiteish	0.9
				Moist, Brick, red	
				No Recovery	
7.5					
		SSHS-B148-SUB- 0-2		SAND, some fine to coarse gravel, moist, black	1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B149

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753736.3758 ft **EASTING** 762543.2412 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				GRAVEL	
		SSHS-B149-SUB-0-2		SAND, some gravel, moist, brown	1.4
				Becomes very light brown	
2.5		SSHS-B149-SUB-2-4		SILT, few gravel, moist, brown with black	1.5
				No Recovery	
		SSHS-B149-SUB-4-6		SAND, some gravel, moist, brown with black	1.4
5.0		SSHS-B149-SUB-6-8			2.1
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B150

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754449.5412 ft **EASTING** 762312.4823 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B150-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	5.1
		SSHS-B150-SUB- 2-4			2.1
2.5				SAND, trace fine gravel, moist, yellow with black	
				No Recovery	
		SSHS-B150-SUB- 4-6		SAND, little coarse gravel, trace silt, moist, brown	7
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B151

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/5/15 **COMPLETED** 8/5/15
NORTHING 754358.0365 ft **EASTING** 762149.8986 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 2' Hand auger could not proceed

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B151-SS		SILT, moist, brown	0.3
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B151-SUB-0.17-2			0.1
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B156

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753840.6375 ft **EASTING** 762642.979 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B156-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	18.3
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black, trace brick	
		SSHS-B156-SUB- 2-4			6.3
2.5					
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B157

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 753792.4902 ft **EASTING** 762645.02 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B157-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	9.1
		SSHS-B157-SUB- 2-4			1.2
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, brown, trace brick	
		SSHS-B157-SUB- 4-6		POORLY GRADED GRAVEL WITH SAND, fine to coarse gravel, moist, brown	1.4
5.0		SSHS-B157-SUB- 6-8		SAND, some fine to coarse gravel, little silt, moist, brown	0.6
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B158

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753775.2919 ft **EASTING** 762634.2185 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B158-SUB- 0-2		ASPHALT, and gravel	
				SAND, trace fine to coarse gravel, moist, brown with black, trace brick pieces	1.4
		SSHS-B158-SUB- 2-4			1.5
				No Recovery	
2.5					
				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B158-SUB- 4-6			1.4
				Moist, red, Brick	
5.0		SSHS-B158-SUB- 6-8		SAND, some coarse gravel, moist, brown	2.1
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B159

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753774.2157 ft **EASTING** 762601.199 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	9.1
		SSHS-B159-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	
		SSHS-B159-SUB- 2-4		SAND, some fine to coarse gravel, trace silt, moist, brown	3.3
2.5				No Recovery	
		SSHS-B159-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	16
5.0		Initial refusal			
		SSHS-B159-SUB- 6-8		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, black	1.7
				SAND, some fine to coarse gravel, moist, brown with black	
				No Recovery	
7.5		Refusal at 8' after shifting 3' away from the original location. All samples collected from the second location		Refusal at 8.0 feet. Bottom of borehole at 8.0 feet.	

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BORING B15-AA

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 754126.4271 ft **EASTING** 762161.8991 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		No sample		SAND, some fine to coarse gravel, moist, brown	3.3
		No sample		POORLY GRADED GRAVEL WITH SAND, dry, brown	0.7
				SAND, some fine to coarse gravel, moist, black	
2.5				No Recovery	
		SSHS-B15-AA-SUB-4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, black, trace brick	1.6
5.0				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B15-AA-SUB-6-8		No Recovery	0.5
7.5					
		SSHS-B15-AA-SUB-8-10		SAND, some fine to coarse gravel, moist, brown with black	0.8
				SILT, some sand, moist, yellow, trace oxidation color	

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BORING B15-AA

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SILT, some sand, moist, yellow, trace oxidation color *(continued)*	
				Bottom of borehole at 10.0 feet.	

12.5

15.0

17.5

20.0

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BORING B160

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753760.0443 ft **EASTING** 762602.9527 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B160-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	2.2
				No Recovery	
				Refusal at 1.5 feet. Bottom of borehole at 1.5 feet.	
2.5					
5.0					
7.5					

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BORING B160A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753760.0443 ft **EASTING** 762602.9527 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		No Sample		SAND, some fine to coarse gravel, moist, brown	14.9
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, black	
				No Recovery	
2.5		SSHS-B160a-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown with black	10.1
		SSHS-B160a-SUB- 4-6			0.7
5.0		SSHS-B160a-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	4.5
				No Recovery	
7.5		SSHS-B160a-SUB- 8-10		SAND, some fine to coarse gravel, moist, brown	
				Moist, brick and mortar	1.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B161

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753763.2046 ft **EASTING** 762579.0172 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 8' ; Shifted 3' SE of original location; refusal again at 8.5' depth; All samples collected from shifted location; water in liner at 8.5' at first location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B161-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	60
		SSHS-B161-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	12.3
2.5				SAND, some coarse gravel, moist, black	
				No recovery	
		SSHS-B161-SUB- 4-6			14.5
5.0				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B161-SUB- 6-8		SAND, little black shiny material (ash), moist, black	5.6
				SAND, some fine to coarse gravel, moist, brown	
7.5				SAND, some fine to coarse gravel, moist, brown, trace brick	
		SSHS-B161-SUB- 8-8.5			11.5
				Bottom of borehole at 8.5 feet.	

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BORING B162

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753747.3956 ft **EASTING** 762549.2331 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B162-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	7.4
2.5		SSHS-B162-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	7.9
				No Recovery	
		SSHS-B162-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	20.9
5.0		SSHS-B162-SUB- 6-8		SAND, some fine to coarse gravel, little silt, moist, black, trace brick	10
				No Recovery	
7.5				SAND, moist, black, trace brick	
		SSHS-B162-SUB- 8-10		SAND, some fine to coarse gravel, moist, brown	57.1
				POORLY GRADED GRAVEL WITH SAND, coarse gravel, dry, whiteish	

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BORING B162

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SAND, few black shiny material (ash), few fine to coarse gravel, moist, brown, trace oxidation color *(continued)*	
				Moist, brick, red	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B163

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753732.7968 ft **EASTING** 762523.9679 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 2'; Shifted 3' to east of original location; refusal again at 2'; All samples collected from shifted location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B163-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	0.2
				SAND, some fine to coarse gravel, moist, black	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B164

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754468.9786 ft **EASTING** 762304.9094 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B164-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black, trace brick	8.2
2.5		SSHS-B164-SUB- 2-4		Alternating layers of brick and mortar	2.5
				No Recovery	
		SSHS-B164-SUB- 4-6		Moist, brick	11.3
				SAND, little fine gravel, trace sand, moist, brown with yellow	
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B165

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754456.3409 ft **EASTING** 762329.0753 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 2' ; stepped off one pace west ; refusal again at 2'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B165-SUB- 0-2		SILT, moist, brown	16.4
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	
				No Recovery	
2.0				Refusal at 2.0 feet. Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B166

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754426.8567 ft **EASTING** 762156.5218 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B166-SUB- 0-2		SILT, moist, brown	8
				SAND, some fine to coarse gravel, moist, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B168

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754475.9189 ft **EASTING** 762321.783 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B168-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown and black, trace brick	0.4
2.5		SSHS-B168-SUB- 2-4		SAND, little fine gravel, moist, brown	0.5
				No Recovery	
		SSHS-B168-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	
5.0				SAND, some fine to coarse gravel, little silt, moist, brown	0.4
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B169

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754361.9232 ft **EASTING** 762165.3519 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Collected sample with gloved hand SSHS-B169-SS SSHS-B169-SUB-0.17-2		SILT, moist, brown, trace plant matter (roots)	5.4
				SILT, moist, brown	
				SAND, few fine to coarse gravel, moist, brown	60
				Brick	
				SAND, some fine to coarse gravel, moist, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B170

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754415.7683 ft **EASTING** 762183.04 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B170-SUB- 0-2		SILT, moist, brown	11.5
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B173

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/5/15 **COMPLETED** 8/5/15
NORTHING 754378.5386 ft **EASTING** 762141.9739 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 2'; hand auger could not proceed

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B173-SS		SILT, moist, brown	0.1
				SAND, some fine to coarse gravel, moist, brown	0.2
		SSHS-B173-SUB- 0-2			
				POORLY GRADED GRAVEL WITH SAND, BOULDERS, sand, moist, brown	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B174

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754008.919187657 ft **EASTING** 762501.39900133 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
				SAND, some fine to coarse gravel, little silt, moist, brown	
		SSHS-B174-SUB- 0-2			14.1
2.5		SSHS-B174-SUB- 2-4			2.2
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B175

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754382.563 ft **EASTING** 762161.1678 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B175-SS		SILT, moist, brown, trace organic matter (plant roots)	0
				SILT, moist, brown	
		SSHS-B175-SUB-0.17-2		SAND, few fine to coarse gravel, little black shiny material (ash), moist, black	10.3
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B176

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754021.7603 ft **EASTING** 762509.9256 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B176-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	31.7
		SSHS-B176-SUB- 2-4			2.7
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B177

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754018.191150739 ft **EASTING** 762497.652945827 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	9.1
		SSHS-B177-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B177A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754018.191150739 ft **EASTING** 762497.652945827 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SAND, some fine to coarse gravel, moist, brown	
		No Sample			52.6
		SSHS-B177A-SUB-2-4			20.3
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B178

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754031.20916932 ft **EASTING** 762503.178853411 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B178-SUB- 0-2		SILT, moist, brown	14.5
				SAND, some fine to coarse gravel, moist, brown with black	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B179

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754044.3696 ft **EASTING** 762520.6141 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B179-SUB- 0-2		SILT, moist, brown	11
				SAND, some fine to coarse gravel, moist, brown	
				SAND, some fine to coarse gravel, moist, black	
		SSHS-B179-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	4.3
2.5				No Recovery	
		SSHS-B179-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	1.5
5.0		SSHS-B179-SUB- 0-2			0.5
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B180

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754058.599206402 ft **EASTING** 762498.186081245 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B180-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	8
		SSHS-B180-SUB- 0-2		SAND, some fine to coarse gravel, little silt, moist, brown with black	19.6
2.5				No Recovery	
		SSHS-B180-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black, trace brick	5.5
5.0		SSHS-B180-SUB- 0-2			3.5
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B181

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754075.9527 ft **EASTING** 762508.3155 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B181-SUB- 0-2		SILT, moist, brown	30.3
		SSHS-B181-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown with black	27.8
				No Recovery	
2.5					
		SSHS-B181-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with reddish black	13.6
5.0		SSHS-B181-SUB- 6-8			3.6
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B182

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754077.142804488 ft **EASTING** 762490.693970244 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B182-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	18.2
		SSHS-B182-SUB- 2-4			4.2
				No Recovery	
2.5					
				SAND, some fine to coarse gravel, moist, brown with red	
		SSHS-B182-SUB- 4-6			43.2
5.0		SSHS-B182-SUB- 6-8			2.8
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B183

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754092.5677 ft **EASTING** 762512.2056 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B183-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	11.3
		SSHS-B183-SUB- 2-4			6.4
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B183-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	7.6
5.0				SAND, some fine to coarse gravel, trace silt, moist, brown	
		SSHS-B183-SUB- 6-8			0.7
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B184

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754091.5559 ft **EASTING** 762498.3141 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B184-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	3.6
		SSHS-B184-SUB- 2-4			8.2
2.5				SAND, some fine to coarse gravel, moist, black	
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B184-SUB- 4-6			4
5.0				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B184-SUB- 6-8			1
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B185

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754110.603039406 ft **EASTING** 762480.123125243 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	1.3
		SSHS-B185-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, little red brick	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B186

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754128.3924 ft **EASTING** 762502.243 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, little organic matter	
		SSHS-B186-SUB- 0-2		SAND, moist, brown	3.5
				SAND, little fine gravel, moist, brown	
		SSHS-B186-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	0.5
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B187

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754127.459 ft **EASTING** 762487.6738 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	3.7
		SSHS-B187-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace brick	
				Some black shiny material (ash), organic odor	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B187A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754127.459 ft **EASTING** 762487.6738 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		No Sample		SAND, some fine to coarse gravel, moist, brown	24.5
				No Recovery	
2.5		SSHS-B187a-SUB- 2-4		SAND, some fine to coarse gravel, moist, black	5.5
		SSHS-B187a-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	0.5
				No Recovery	
5.0					
7.5					

Bottom of borehole at 6.0 feet.

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BORING B188

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754129.14696557 ft **EASTING** 762472.631014246 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	5.1
		SSHS-B188-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	
				SAND, some coarse gravel, moist, brown	
				SAND, some coarse gravel, few silt, moist, brown	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B189

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754153.182 ft **EASTING** 762492.8454 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B189-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	17.3
				SILT, trace sand, moist, brown	
				SAND, moist, brown	
		SSHS-B189-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	3.6
2.5				No Recovery	
		SSHS-B189-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	9
5.0		SSHS-B189-SUB- 6-8			1
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B190

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754165.3743 ft **EASTING** 762476.9116 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B190-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	10.8
				SAND, some fine to coarse gravel, moist, brown and black	
2.5		SSHS-B190-SUB- 2-4		SAND, some silt, little fine gravel, moist, brown	2.6
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B190-SUB- 4-6			12.6
				SAND, little fine gravel, moist, brown	
		SSHS-B190-SUB- 6-8		SAND, some coarse gravel, moist, brown	1
7.5				SILT, moist, brown No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B191

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754169.4021 ft **EASTING** 762481.2143 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B191-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with red	5.1
				SAND, some black shiny material (ash), moist, brown and black	
2.5		SSHS-B191-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	5.2
				No Recovery	
		SSHS-B191-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black	0.9
5.0				SILT, little coarse gravel, moist, brown	
		SSHS-B191-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	5.5
				SILT, moist, brown	
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B192

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754163.724980406 ft **EASTING** 762465.507012747 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B192-SUB- 0-2		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown	4.1
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B192-SUB- 2-4			2.5
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B192-SUB- 4-6			1.6
				SAND, some fine gravel, moist, brown	
		SSHS-B192-SUB- 6-8			0.3
				SAND, some fine to coarse gravel, moist, brown	
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B193

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754173.0327 ft **EASTING** 762469.5486 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B193-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	8.3
				SAND, some black shiny material (ash), moist, brown	
2.5		SSHS-B193-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	9.4
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B193-SUB- 4-6			11.7
				SILT, moist, brown	
		SSHS-B193-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	0.4
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B194

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754186.0439 ft **EASTING** 762477.0141 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B194-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	15.3
2.5		SSHS-B194-SUB- 2-4			6.2
				No Recovery	
		SSHS-B194-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	33.2
5.0		SSHS-B194-SUB- 6-8			0.7
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754177.239389069 ft **EASTING** 762451.766226578 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B195-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	28.4
		SSHS-B195-SUB- 2-4			9.9
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B196

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754256.7228 ft **EASTING** 762462.2301 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B196-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	10.1
				Moist, brick, red	
2.5		SSHS-B196-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	2.8
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B197

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754248.8658 ft **EASTING** 762450.7136 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	2.7
		SSHS-B197-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	
2.0				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B198

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754234.16 ft **EASTING** 762432.7344 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, mulch pieces	
		SSHS-B198-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, some organic matter (plant)	41.6
		SSHS-B198-SUB- 2-4			14.1
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B199

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754267.7651 ft **EASTING** 762459.0985 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B199-SUB- 0-2		SAND, moist, brown	4
				SAND, some fine to coarse gravel, moist, brown, trace brick	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B199A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754267.7651 ft **EASTING** 762459.0985 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B199a-SUB- 0-2		SAND, some fine to coarse gravel, trace silt, moist, brown	8.8
		SSHS-B199a-SUB- 2-4			3.9
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B200

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754253.2048 ft **EASTING** 762437.4965 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	0.2
		SSHS-B200-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace brick	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B201

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754281.4095 ft **EASTING** 762451.3782 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B201-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	0.6
2.5		SSHS-B201-SUB- 2-4		No Recovery	0.7
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B202

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754262.6887 ft **EASTING** 762422.2747 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B202-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace brick	16
2.5		SSHS-B202-SUB- 2-4			7.4
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B203

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/23/15 **COMPLETED** 7/23/15
NORTHING 754270.3443 ft **EASTING** 762441.2016 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	3
		SSHS-B203-SUB- 0-2		SAND, some fine to coarse gravel, few black shiny material (ash), moist, brown	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B204

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754225.035 ft **EASTING** 762419.157 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B204-SUB- 0-2		SILT, moist, brown	0.5
				SAND, some fine to coarse gravel, moist, brown with black	
				SAND, some fine to coarse gravel, moist, brown	0.5
2.5		SSHS-B204-SUB- 2-4		No Recovery	
				SAND, some fine to coarse gravel, moist, brown	1.1
5.0		SSHS-B204-SUB- 4-6		SAND, moist, brown	0.3
		SSHS-B204-SUB- 6-8		No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B205

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 754215.2753 ft **EASTING** 762391.5934 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B205-SUB- 0-2		SILT, moist, brown	0.8
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B205-SUB- 2-4		No Recovery	1.4
2.5					
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B205-SUB- 4-6		SAND, some fine to coarse gravel, moist, yellow, trace oxidation color	1
				No Recovery	
				Refusal at 6.0 feet. Bottom of borehole at 6.0 feet.	
7.5					

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BORING B206

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754203.7664 ft **EASTING** 762394.9014 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B206-SUB- 0-2			45.2
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B206-SUB- 2-4			3.9
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B207

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 754227.6538 ft **EASTING** 762397.5072 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B207-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black, trace brick	6.2
2.5		SSHS-B207-SUB-2-4			8
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B207-SUB- 4-6		POORLY GRADED GRAVEL WITH SAND, dry	21.1
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B207-SUB- 6-8			0.5
7.5				SILT, moist, brown	
				Bottom of borehole at 8.0 feet.	

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BORING B208

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 754221.3119 ft **EASTING** 762379.6078 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B208-SUB- 0-2		SILT, moist, brown	6.5
		SSHS-B208-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown with black	3
2.5				No Recovery	
		SSHS-B208-SUB- 4-6		SAND, some fine to coarse gravel, moist, black, trace brick	3
5.0		SSHS-B208-SUB- 6-8			6
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B209

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754255.4946 ft **EASTING** 762408.9033 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B209-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	19.6
2.5		SSHS-B209-SUB- 2-4			1.9
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B209-SUB- 4-6			3.7
				SAND, moist, brown	
		SSHS-B209-SUB- 6-8			0.6
7.5					

Bottom of borehole at 8.0 feet.

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BORING B210

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/22/15 **COMPLETED** 7/22/15
NORTHING 754241.2113 ft **EASTING** 762377.4443 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B210-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	11.7
2.5		SSHS-B210-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	3.1
				No Recovery	
		SSHS-B210-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	2.8
5.0		SSHS-B210-SUB- 6-8		SILT, moist, brown	0.7
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B211

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/4/15 **COMPLETED** 8/4/15
NORTHING 754252.8793 ft **EASTING** 762370.3409 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B211-SUB- 0-2			13.7
				SAND, some fine to coarse gravel, moist, brown with black	
2.5		SSHS-B211-SUB- 2-4			1.7
				SILT, moist, brown	
				SAND, some fine to coarse gravel, moist, brown	
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B212

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754385.257 ft **EASTING** 762351.6803 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	36
		SSHS-B212-SUB- 0-2		SAND, some fine to coarse gravel, few black shiny material (ash), moist, black	
					5.5
2.5		SSHS-B212-SUB- 2-4		SAND, some fine to coarse gravel, trace silt, moist, brown	
				No Recovery	
				SAND, moist, brown and black	22.3
				SAND, few fine to coarse gravel, moist, brown	
5.0		SSHS-B212-SUB- 4-6			
		SSHS-B212-SUB- 6-8			4
				SAND, little black shiny material (ash), little fine gravel, trace silt, moist, brown	
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B214

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754346.3079 ft **EASTING** 762299.6919 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B214-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	13.4
2.5		SSHS-B214-SUB- 2-4			7.2
				No Recovery	
		SSHS-B214-SUB- 4-6		SAND, some black shiny material (ash), few fine to coarse gravel, moist, brown	18.1
5.0				SAND, some silt, few fine to coarse gravel, moist, black, hydrocarbon odor	
		SSHS-B214-SUB- 6-8			70.2
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B216

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754390.7813 ft **EASTING** 762329.102 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B216-SUB- 0-2		POORLY GRADED GRAVEL WITH SAND, moist, brown	1.3
				SAND, few fine to coarse gravel, trace black shiny material (ash), moist, dark brown, trace black shiny material	
		SSHS-B216-SUB- 2-4			1.3
2.5				No Recovery	
				SILT, moist, dark brown	
				SAND, trace fine gravel, trace black shiny material (ash), moist, brown, trace shiny black material (ash)	
		SSHS-B216-SUB- 4-6		SAND, moist, yellow	
5.0				Moist black shiny medium grained material (ash)	17.3
		SSHS-B216-SUB- 6-8			18.5
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B217

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754383.1928 ft **EASTING** 762307.4282 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B217-SUB- 0-2		SILT, SILT, moist, brown	1.2
				SAND, few fine to coarse gravel, trace silt, moist, brown	
				POORLY GRADED GRAVEL WITH SAND, moist, white	
		SSHS-B217-SUB- 2-4		SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown with black	1.4
				No Recovery	
2.5					2.5
				SILT, moist, brown	
				POORLY GRADED GRAVEL WITH SAND, dry, brown	
		SSHS-B217-SUB- 4-6		SAND, trace fine gravel, moist, brown and black	2.2
5.0					5.0
		SSHS-B217-SUB- 6-8			1.5
				No Recovery	
7.5					7.5
				Bottom of borehole at 8.0 feet.	

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BORING B218

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754372.5813 ft **EASTING** 762281.7883 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B218-SUB- 0-2			1.5
				SAND, few fine to coarse gravel, little silt, moist, brown	
				POORLY GRADED SAND WITH GRAVEL, moist, brown	
		SSHS-B218-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	1
2.5				No Recovery	
				SAND, few fine gravel, little silt, little black shiny material (ash), moist, brown, hydrocarbon odor	
		SSHS-B218-SUB- 4-6		SAND, few coarse gravel, moist, brown with black, hydrocarbon odor	24.5
5.0					
		SSHS-B218-SUB- 6-8		SAND, few fine to coarse gravel, trace silt, moist, brown, hydrocarbon odor	30.4
7.5				No Recovery	
8.0				Bottom of borehole at 8.0 feet.	

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BORING B220

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754412.7975 ft **EASTING** 762339.9674 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B220-SUB- 0-2		SILT, moist, brown	28.1
				SAND, some fine to coarse gravel, moist, brown	
				SAND, some silt, little black shiny material (ash), moist, black, trace brick	
		SSHS-B220-SUB- 2-4		SAND, few fine to coarse gravel, moist, brown	2.3
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B220-SUB- 4-6			16.7
5.0					
		SSHS-B220-SUB- 6-8			0.6
				SAND, some fine to coarse gravel, little silt, moist, brown	
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B221

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/15/15 **COMPLETED** 7/15/15
NORTHING 754414.6016 ft **EASTING** 762317.356 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	0
		SSHS-B221-SUB- 0-2		SAND, some fine to coarse gravel, trace silt, moist, brown with black	0.1
		SSHS-B221-SUB- 2-4		SAND, some coarse gravel, moist, brown	
				SAND, some fine to coarse gravel, dry, yellow	
2.5				No Recovery	
				SILTY SAND, moist, brown	0.1
				SAND, some fine to coarse gravel, dry, yellow	
		SSHS-B221-SUB- 4-6		SAND, some coarse gravel, moist, brown	
5.0				SAND, some fine to coarse gravel, moist, yellow	
		SSHS-B221-SUB- 6-8			0.1
				SILTY SAND, moist, yellow	
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B222

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754390.6091 ft **EASTING** 762266.3449 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B222-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	0.4
		SSHS-B222-SUB- 2-4		SAND, some fine to coarse gravel, few black shiny material (ash), moist, brown	0.5
2.5				No Recovery	
				SAND, some silt, few fine gravel, few black shiny material (ash), moist, brown	
		SSHS-B222-SUB- 4-6		SAND, some black shiny material (ash), few fine to coarse gravel, moist, brown	1.6
5.0				SAND, some coarse gravel, moist, brown	
		SSHS-B222-SUB- 6-8		SAND, some fine to coarse gravel, few black shiny material (ash), moist, brown, little oxidation color	1.7
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B223

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754382.2904 ft **EASTING** 762249.7436 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B223-SUB- 0-2		SILT, moist, brown	43
				Brick	
		SSHS-B223-SUB- 2-4		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown, trace brick	7
2.5				No Recovery	
		SSHS-B223-SUB- 4-6		SAND, some fine to coarse gravel, trace sand, moist, brown with black	5.2
5.0		SSHS-B223-SUB- 6-8			3.2
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B225

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754437.3145 ft **EASTING** 762307.8977 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 5'; Shifted 3' to NW of original location; All samples collected from new location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B225-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	3.4
2.5		SSHS-B225-SUB- 2-4		SAND, moist, brown	1.7
				No Recovery	
				SAND, some coarse gravel, moist, brown	
		SSHS-B225-SUB- 4-6		SAND, little fine gravel, moist, black, hydrocarbon odor	12
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B226A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/5/15 **COMPLETED** 8/5/15
NORTHING 754440.4902 ft **EASTING** 762286.7919 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 2.5' shifted 3' to NE of original position, refusal again at 2.5';

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B226a-SUB- 0-2		SILT, moist, brown	0.3
		SSHS-B226a-SUB-2-2.5		SAND, some fine to coarse gravel, moist, brown	0.3
2.5				No Recovery	
				Refusal at 2.5 feet. Bottom of borehole at 2.5 feet.	
2.5					
5.0					
7.5					

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BORING B227

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/15/15 **COMPLETED** 7/15/15
NORTHING 754429.1875 ft **EASTING** 762268.8672 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B227-SUB-0-2		SILT, some fine gravel, moist, brown	0.1
				SAND, some fine to coarse gravel, few silt, moist, brown	
				No Recovery	
2.5		SSHS-B227-SUB-2-4			0.2
				SAND, some fine gravel, moist, yellow	
				Moist Brick	
		SSHS-B227-SUB-4-6		SAND, some fine to coarse gravel, moist, black	0.5
5.0				SAND, some fine to coarse gravel, dry, brown	
				SAND, some fine gravel, moist, yellow, Few brick	
				SAND, some black shiny material (ash), few fine gravel, moist, black, Some cinders	
		SSHS-B227-SUB-6-8		No Recovery	7.1
7.5					

Bottom of borehole at 8.0 feet.

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BORING B227A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754429.1875 ft **EASTING** 762268.8672 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No samples collected 0'-8'		SILT, moist, brown	8.5
				SAND, some fine to coarse gravel, moist, brown, some white material (bentonite)	10.6
2.5				SAND, little fine to coarse gravel, moist, brown, some brick	
				No Recovery	13
5.0				SAND, some fine to coarse gravel, moist, brown, some white material (bentonite)	9.4
				SAND, some black shiny material (ash), moist, black	
7.5				SAND, little fine gravel, moist, black, hydrocarbon odor	17.3
				SAND, some fine to coarse gravel, moist, brown	
				SILT, some sand, few coarse gravel, moist, brown	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B228

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/15/15 **COMPLETED** 7/15/15
NORTHING 754421.6614 ft **EASTING** 762252.8775 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B228-SUB-0-2		SAND, with fine to coarse gravel, trace silt, moist, black	0
		SSHS-B228-SUB-2-4		SAND, dry, black, Trace Red	0.1
2.5					
5.0				SAND, dry, yellow, No Recovery	
				SAND, some gravel, dry, black	
		SSHS-B228-SUB-4-6		SAND, moist, yellow	0.7
				SAND, some fine to coarse gravel, moist, black	
		SSHS-B228-SUB-6-8		SAND, moist, yellow	0.1
7.5				SAND, some silt, moist, brown	

Bottom of borehole at 8.0 feet.

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BORING B229

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/15/15 **COMPLETED** 7/15/15
NORTHING 754404.5458 ft **EASTING** 762259.8782 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B229-SUB- 0-2		SAND, some fine to coarse gravel, few silt, moist, brown	2.3
		SSHS-B229-SUB- 2-4			1.7
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B229-SUB- 4-6		Moist, Red Brick Material	2.3
5.0				SAND, some silt, moist, yellow	
				SAND, some fine to coarse gravel, moist, yellow with black, little brick pieces	
		SSHS-B229-SUB- 6-8			7.9
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B230

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754406.1424 ft **EASTING** 762242.6923 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal occured at 4.5' depth of run, Shifted 2' to the south of original location, All samples collected from new location.

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B230-SUB- 0-2		SILT, moist, brown	2.7
				SAND, some fine to coarse gravel, moist, brown	
				SAND, some black shiny material (ash), few fine to coarse gravel, moist, black	
2.5		SSHS-B230-SUB- 0-2			1.7
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown with black	
5.0		SSHS-B230-SUB- 0-2			41.4
				SAND, moist, yellow	
				SAND, some black shiny material (ash), few fine to coarse gravel, moist, brown	
7.5		SSHS-B230-SUB- 0-2			13.2
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B231

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754445.9653 ft **EASTING** 762298.3923 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B231-SUB- 0-2		SAND, some fine to coarse gravel, little silt, trace black shiny material (ash), moist, brown	6.6
		SSHS-B231-SUB- 2-4		SAND, moist, yellow and black	3.3
2.5				No Recovery	
				SAND, moist, yellowish orange	
		SSHS-B231-SUB- 4-6		SAND, little fine gravel, moist, black	4.5
5.0					
		SSHS-B231-SUB- 6-8		SAND, some fine to coarse gravel, little silt, moist, brown	3.4
				No Recovery	
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B232

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754449.3104 ft **EASTING** 762281.9869 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B232-SUB- 0-2		SAND, little fine to coarse gravel, moist, brown	2.5
				SAND, some fine to coarse gravel, trace silt, moist, black	
2.5		SSHS-B232-SUB- 2-4		Trace gray silt stuck to the inside surface of the tube	2.2
				SAND, moist, grayish	
		SSHS-B232-SUB- 4-6			0.3
5.0				SAND, moist, yellow	
				SAND, moist, brown	
		SSHS-B232-SUB- 6-8		SAND, moist, black	2.7
				SAND, some coarse gravel, moist, black	
				No Recovery	
7.5					
				SAND, moist, black	
		SSHS-B232-SUB- 8-10		SAND, some fine to coarse gravel, moist, brown with black	5.4
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B233

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754437.8051 ft **EASTING** 762254.2631 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B233-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	65
		SSHS-B233-SUB- 2-4			4.5
2.5				No Recovery	
		SSHS-B233-SUB- 4-6		SAND, few fine to coarse gravel, moist, brown, some brick	
				SAND, little black shiny material (ash), moist, yellow with black, trace brick	1.2
5.0				SILT, moist, brown	
		SSHS-B233-SUB- 6-8		SAND, some black shiny material (ash), few silt, moist, yellow	0.3
				No Recovery	
7.5					
		SSHS-B233-SUB- 8-10		SAND, some fine to coarse gravel, moist, brown	5.6
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B234A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/28/15 **COMPLETED** 7/28/15
NORTHING 754428.6394 ft **EASTING** 762230.7163 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 6'; shifted north 3', all samples collected from new location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B234a-SUB- 0-2		SILT, moist, brown	24.6
		SSHS-B234a-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown	7.3
2.5				No Recovery	
		SSHS-B234a-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown, trace brick	4.1
5.0		SSHS-B234a-SUB- 6-8		SAND, few fine to coarse gravel, moist, black, some wood material	7.4
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B236

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754470.2002 ft **EASTING** 762258.1369 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B236-SUB-0-2		SILT, SILT, dry, brown	0.4
				POORLY GRADED SAND, SAND, trace gravel, moist, dark brown, Trace red color	
				POORLY GRADED SAND WITH GRAVEL, SAND, with gravel, dry, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B237

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754459.7353 ft **EASTING** 762249.5735 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B237-SUB- 0-2		SILT, moist, brown	25.7
		SSHS-B237-SUB- 2-4		SAND, few coarse gravel, trace black shiny material (ash), moist, brown	7.5
				No Recovery	
2.5					
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B238

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754484.2389 ft **EASTING** 762264.0622 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, dry, brown	0.4
		SSHS-B238-SUB-0-2		POORLY GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, dry, brown, Trace red color, Trace oxidation	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B239

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754477.1474 ft **EASTING** 762245.5381 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, dry, brown	0.3
		SSHS-B239-SUB-0-2		POORLY GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown, Trace red color	
				POORLY GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, dry, brown	
				POORLY GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, dark brown, Subangular gravel	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B239A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754476.958933986 ft **EASTING** 762248.033038247 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		No sample		SAND, few fine to coarse gravel, moist, brown and black	
				No Recovery	
2.5		SSHS-B239a-SUB-0-2		SAND, some fine to coarse gravel, few silt, few black shiny material (ash), moist, brown with black	1.8
		SSHS-B239a-SUB-4-6		POORLY GRADED GRAVEL WITH CLAY AND SAND, moist, brown	0.9
				No Recovery	
5.0				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B240

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754473.1355 ft **EASTING** 762232.7685 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B240-SUB- 0-2		SAND, few coarse gravel, little black shiny material (ash), moist, brown and black	13.8
		SSHS-B240-SUB- 2-4		SILT, moist, yellow and black	2.3
				SAND, some fine to coarse gravel, moist, brown	
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B241

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754489.1067 ft **EASTING** 762251.4415 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry, brown	0.3
		SSHS-B241-SUB-0-2		SAND, some fine to coarse gravel, moist, brown	
				Red brick at base	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B242

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/27/15 **COMPLETED** 7/27/15
NORTHING 754488.8162 ft **EASTING** 762237.1528 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B242-SUB- 0-2		SILT, moist, brown	1.1
				SAND, some fine to coarse gravel, moist, brown with black, trace brick pieces	
		SSHS-B242-SUB- 2-4			1
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B243

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754095.4276 ft **EASTING** 762185.8727 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B243-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	8
		SSHS-B243-SUB- 2-4		SAND, some black shiny material (ash), moist, black, trace brick	
				SAND, few coarse gravel, moist, brown	0.4
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B246

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754122.2791 ft **EASTING** 762196.7823 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B246-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	10.4
		SSHS-B246-SUB- 2-4			8.4
2.5				SAND, little fine to coarse gravel, moist, brown	
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B247

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 754094.219 ft **EASTING** 762164.3877 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, trace wood	
		SSHS-B247-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	7.8
				POORLY GRADED GRAVEL WITH SAND, dry, brown	
		SSHS-B247-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown with black	1.5
2.5				No Recovery	
		SSHS-B247-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black, trace mulch wood pieces	0.7
5.0		SSHS-B247-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	0.8
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B248

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 754105.1438 ft **EASTING** 762144.042 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B248-SUB- 0-2		SILT, moist, brown, trace plant matter	7.4
		SSHS-B248-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	0.9
2.5				No Recovery	
		SSHS-B248-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black	1.4
5.0				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B249

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754099.5988 ft **EASTING** 762138.6164 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B249-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	14
		SSHS-B249-SUB- 2-4			3
2.5				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B250

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754139.1017 ft **EASTING** 762185.228 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B250-SUB- 0-2		SAND, some fine to coarse gravel, little silt, moist, brown with black	53.1
2.5		SSHS-B250-SUB- 2-4			5.5
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B251

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 754134.7572 ft **EASTING** 762175.5226 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 3' depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B251-SUB- 0-2		SILT, moist, brown	13.3
		SSHS-B251-SUB- 2-3		SAND, some fine to coarse gravel, moist, brown with black	0.6
				No Recovery	
2.5					

Refusal at 3.0 feet.
Bottom of borehole at 3.0 feet.

5.0

7.5

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BORING B252

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 754122.9511 ft **EASTING** 762147.8262 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B252-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown and black	1.2
				SAND, dry, yellow	
		SSHS-B252-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, black	0.8
2.5				No Recovery	
		SSHS-B252-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	1
5.0		SSHS-B252-SUB- 6-8			1.2
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B253

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754118.8817 ft **EASTING** 762137.8708 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B253-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	21.9
2.5		SSHS-B253-SUB- 2-4			2.7
				No Recovery	
		SSHS-B253-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	4.9
5.0		SSHS-B253-SUB- 6-8			0.6
				POORLY GRADED GRAVEL WITH SAND, coarse gravel, moist, brown	
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B254

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754163.2956 ft **EASTING** 762187.4683 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B254-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	37.1
2.5		SSHS-B254-SUB- 2-4			8.5
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B255

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754158.5279 ft **EASTING** 762164.1826 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B255-SUB- 0-2			3.5
				SAND, some fine to coarse gravel, moist, brown with black	
		SSHS-B255-SUB- 2-4			0.9
2.5				No Recovery	
		SSHS-B255-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	4.5
		SSHS-B255-SUB- 6-8		POORLY GRADED GRAVEL WITH SAND, SAND, coarse gravel, brown	0.3
5.0				No Recovery	
7.5				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B255-SUB- 8-10			0.3

Bottom of borehole at 10.0 feet.

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BORING B256

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/20/15 **COMPLETED** 7/20/15
NORTHING 754143.6437 ft **EASTING** 762158.0557 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B256-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace pieces of wood	1.3
		SSHS-B256-SUB- 2-4		SAND, some fine to coarse gravel, moist, black	0.6
2.5				No Recovery	
		SSHS-B256-SUB- 4-6		SAND, some fine to coarse gravel, few black shiny material (ash), moist, black	1.4
5.0		SSHS-B256-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	0.8
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B257

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754148.1902 ft **EASTING** 762142.4441 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B257-SUB- 0-2		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown, little brick	34.5
2.5		SSHS-B257-SUB- 2-4			8.1
				No Recovery	
		SSHS-B257-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	6.3
5.0		SSHS-B257-SUB- 6-8			1.4
				No Recovery	
7.5		SSHS-B257-SUB- 8-10		SAND, some fine to coarse gravel, moist, brown	0.9
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B259

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754188.6559 ft **EASTING** 762123.8544 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, some coarse gravel, moist, brown	
		SSHS-B259-SUB- 0-2		SAND, some coarse gravel, moist, brown with black	16
2.5		SSHS-B259-SUB- 2-4		SAND, some black shiny material (ash), moist, black	0.9
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B260

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754187.7633 ft **EASTING** 762100.1626 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, black	
		SSHS-B260-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	32.2
				Moist, Brick	
2.5		SSHS-B260-SUB- 2-4		SAND, some coarse gravel, moist, brown	3.2
				POORLY GRADED GRAVEL WITH SAND, coarse gravel, dry, brown	
				SAND, few black shiny material (ash), moist, brown	
				No Recovery	
				SAND, some coarse gravel, moist, brown with black	
5.0		SSHS-B260-SUB- 4-6			17.7
				SAND, some fine to coarse gravel, few silt, moist, brown	
		SSHS-B260-SUB- 6-8		POORLY GRADED GRAVEL WITH SAND, SAND, dry, brown	2.5
				SAND, some fine to coarse gravel, some silt, moist, brown	
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B261

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754200.6826 ft **EASTING** 762118.6449 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B261-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	4.2
2.5		SSHS-B261-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	3.6
				No Recovery	
		SSHS-B261-SUB- 4-6		SAND, few fine gravel, moist, dark brown	
5.0				SAND, moist, yellow with black	5.2
		SSHS-B261-SUB- 6-8		SILT, moist, yellow	2.4
7.5				SAND, some fine to coarse gravel, moist, brown	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B262

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754209.2767 ft **EASTING** 762141.3185 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B262-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown, trace brick	27.2
2.5		SSHS-B262-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black, trace oxidation	3.6
				No Recovery	
		SSHS-B262-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	
				SAND, some silt, few fine to coarse gravel, moist, brown	7.7
5.0				SAND, some silt, moist, brown	
		SSHS-B262-SUB- 6-8		SAND, some fine to coarse gravel, trace silt, moist, brown	1.1
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B264

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754246.8513 ft **EASTING** 762115.4009 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 3' depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B264-SUB- 0-2			0.8
				SAND, some fine to coarse gravel, moist, brown and black, trace brick	
		SSHS-B264-SUB- 2-3		SAND, some fine to coarse gravel, dry, brown	0.9
2.5				SAND, some black shiny material (ash), moist, brown	
				No Recovery	

Refusal at 3.0 feet.
Bottom of borehole at 3.0 feet.

5.0
7.5

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BORING B265

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754220.0951 ft **EASTING** 762128.7268 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B265-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	2.2
2.5		SSHS-B265-SUB- 2-4			3.6
				No Recovery	
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	
5.0		SSHS-B265-SUB- 4-6		SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown	2.8
				SILT, moist, yellow	
		SSHS-B265-SUB- 6-8			2.1
7.5				SAND, few coarse gravel, moist, brown	
8.0				Bottom of borehole at 8.0 feet.	

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BORING B266

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754213.7314 ft **EASTING** 762102.4675 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B266-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	2.3
2.5		SSHS-B266-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	4.5
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
5.0		SSHS-B266-SUB- 4-6			7.9
				Moist Brick, red	
				SAND, some fine to coarse gravel, moist, brown and black, trace wood pieces	
		SSHS-B266-SUB- 6-8			20.5
7.5				Moist Brick, red	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B266A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754213.7314 ft **EASTING** 762102.4675 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		No Sample		SAND, some coarse gravel, moist, brown	0.1
2.5		No Sample		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	0.1
				No Recovery	
5.0		No Sample		SAND, some fine to coarse gravel, moist, brown and black	
				Moist, Brick	
				SAND, some black shiny material (ash), few fine to coarse gravel, moist, brown with black	30
				Moist, Brick	
7.5				SAND, trace black shiny material (ash), moist, brown	
				SAND, little fine to coarse gravel, moist, brown, some brick	
		SSHS-B266a-SUB-8-10		SAND, few silt, trace black shiny material (ash), moist, brown	1.5
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B267

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/30/15 **COMPLETED** 7/30/15
NORTHING 754201.5246 ft **EASTING** 762074.9829 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B267-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	0.3
				SAND, some coarse gravel, dry, brown	
		SSHS-B267-SUB- 2-4		SAND, some fine to coarse gravel, little silt, trace black shiny material (ash), moist, brown	0.4
2.5				No Recovery	
				SAND, little fine gravel, moist, brown with black	
		SSHS-B267-SUB- 4-6		SILT, moist, brown	0.2
5.0				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B267-SUB- 6-8			0
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B268

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754244.745 ft **EASTING** 762144.202 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
				SILT, moist, brown		0.0
		SSHS-B268-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black, trace brick	51.2	
2.5		SSHS-B268-SUB- 2-4			11.1	2.5
				No Recovery		
				SAND, some fine to coarse gravel, little silt, moist, brown		
		SSHS-B268-SUB- 4-6		SAND, some silt, trace coarse gravel, moist, brown	4	
5.0						5.0
		SSHS-B268-SUB- 6-8		SAND, few silt, few coarse gravel, moist, brown	1.6	
7.5				No Recovery		7.5

Bottom of borehole at 8.0 feet.

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BORING B269

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754229.9706 ft **EASTING** 762133.9977 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 3' depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B269-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black, trace brick	2.3
		SSHS-B269-SUB- 0-2			0.6
2.5				No Recovery	

Refusal at 3.0 feet.
Bottom of borehole at 3.0 feet.

5.0

7.5

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BORING B26A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754068 ft **EASTING** 762494 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Topsoil	1.1
				0.8
			Dense, WELL GRADED GRAVEL WITH SAND, trace silt, fine to coarse grained, moist, brown	0.3
				0.3
				0.2
2.5				0.1
				0.1
				0.1
				0
				0
5.0				0
				0.2
				0.3
				0.3
				0.2
7.5				0.2
				0
				0
				0
				0

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BORING B26A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Dense, WELL GRADED GRAVEL WITH SAND, trace silt, fine to coarse grained, moist, brown *(continued)*	0
				0.1
				0
				0
				0
12.5				0
				0
				0
				0
				0
				0
15.0			Becomes wet	0
				0
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B270

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754225.1571 ft **EASTING** 762108.3677 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 5' depth of run

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B270-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	1.6
2.5		SSHS-B270-SUB- 2-4		BOULDERS, dry, red, fractured	2.8
				No Recovery	
		SSHS-B270-SUB- 4-6		SAND, little fine gravel, moist, brown	4.2
5.0				No Recovery	
				Bottom of borehole at 5.0 feet.	
7.5					

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BORING B271

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754220.9224 ft **EASTING** 762088.0161 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B271-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black, trace brick	1.7
2.5		SSHS-B271-SUB- 2-4			2.3
				No Recovery	
				SAND, few fine to coarse gravel, moist, brown	
5.0		SSHS-B271-SUB- 4-6		SAND, some fine to coarse gravel, trace silt, trace black shiny material (ash), moist, black green, trace brick	5.6
7.5		SSHS-B271-SUB- 6-8		POORLY GRADED GRAVEL WITH SAND, dry, light brown	3
				Bottom of borehole at 8.0 feet.	

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BORING B273

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754253.9644 ft **EASTING** 762114.3901 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B273-SUB- 0-2			17.1
				SAND, some fine to coarse gravel, moist, brown, trace brick	
2.5		SSHS-B273-SUB- 2-4		SAND, few fine gravel, moist, brown and black, trace brick	3
				No Recovery	
				POORLY GRADED SAND WITH GRAVEL, dry	
				SAND, some fine to coarse gravel, few silt, trace black shiny material (ash), moist, brown	
5.0		SSHS-B273-SUB- 4-6			5.5
		SSHS-B273-SUB- 6-8			0.5
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B274

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754245.0085 ft **EASTING** 762093.9773 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B274-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with black	27.2
2.5		SSHS-B274-SUB- 2-4		SAND, few fine to coarse gravel, trace black shiny material (ash), moist, brown and black, trace brick	5.1
				Concrete	
				No Recovery	
				SAND, few fine to coarse gravel, moist, brown, little concrete	
5.0		SSHS-B274-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown with black	6.7
				SILT, little sand, moist, brown with black	
		SSHS-B274-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	0.7
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B275

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754239.1041 ft **EASTING** 762089.7242 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B275-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	1.2
				POORLY GRADED GRAVEL WITH SAND, moist, brown	
		SSHS-B275-SUB- 2-4		SAND, some fine to coarse gravel, moist, brown with black, little brick	2.4
				POORLY GRADED GRAVEL WITH SAND, moist	
2.5				No Recovery	
		SSHS-B275-SUB- 4-5.5		SAND, some fine to coarse gravel, moist, brown with black, trace brick	1.4
5.0				No Recovery	
				Refusal at 5.5 feet. Bottom of borehole at 5.5 feet.	
7.5					

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BORING B276

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754239.6936 ft **EASTING** 762079.3141 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B276-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	10.1
2.5		SSHS-B276-SUB- 2-4			1.3
				No Recovery	
				SAND, some coarse gravel, moist, brown	
				SAND, some fine to coarse gravel, few silt, moist, black, trace brick	
5.0		SSHS-B276-SUB- 4-6			7.9
				POORLY GRADED GRAVEL WITH SAND, dry, brown	
		SSHS-B276-SUB- 6-8		SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown with black	0.5
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B277

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754297.1657 ft **EASTING** 762106.3472 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B277-SUB- 0-2		SILT, moist, brown	17.9
				SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown	
		SSHS-B277-SUB- 2-4			5.2
2.5				No Recovery	
				SAND, some fine to coarse gravel, moist, brown, pieces of wood, trace brick	
5.0		SSHS-B277-SUB- 4-6			4.3
		SSHS-B277-SUB- 6-8		Moist, red brick	2.2
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B278

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754295.6839 ft **EASTING** 762099.3355 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B278-SUB- 0-2		SILT, moist, brown	1
		SSHS-B278-SUB- 2-4		SAND, few fine to coarse gravel, trace silt, moist, brown with black, trace black color	1.4
				No Recovery	
2.5					
		SSHS-B278-SUB- 4-6		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown to black, trace pieces of wood towards bottom of core	2.1
5.0					
		SSHS-B278-SUB- 6-8			3.8
7.5				Moist Brick	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B278A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754295.6839 ft **EASTING** 762099.3355 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		No Sample			16.9
				SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	
2.5		No Sample			2.6
				No Recovery	
				SAND, some fine to coarse gravel, trace silt, moist, brown with black, trace brick	
5.0		No Sample			1.3
				No Recovery	
7.5				SAND, some fine to coarse gravel, moist, brown, trace brick	
		SSHS-B278a-SUB-8-10		Brick and mortar	3.1

Bottom of borehole at 10.0 feet.

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BORING B279

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754284.5739 ft **EASTING** 762079.2603 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B279-SUB- 0-2		SAND, some fine to coarse gravel, little silt, moist, brown, trace brick	42.5
		SSHS-B279-SUB- 2-4			5.4
2.5				Moist, brick	
				No Recovery	
				SAND, some fine to coarse gravel, little black shiny material (ash), moist, brown, trace glass pieces	
		SSHS-B279-SUB- 4-6			10.2
5.0				SAND, some fine to coarse gravel, moist, brown with black, pieces of wood	
				SAND, some fine to coarse gravel, moist, brown, trace brick	
		SSHS-B279-SUB- 6-8			19.6
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B280

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754305.8188 ft **EASTING** 762096.579 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B280-SUB- 0-2		SILT, moist, brown	0.8
		SSHS-B280-SUB- 2-4		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown	1.9
2.5				No Recovery	
				SAND, few fine to coarse gravel, moist, brown	
5.0		SSHS-B280-SUB- 4-6		SAND, some fine to coarse gravel, moist, dark brown and black, trace brick	7.8
		SSHS-B280-SUB- 6-8		SAND, some fine to coarse gravel, dry, brown	17.2
7.5				Moist Brick	
				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B281

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754295.8931 ft **EASTING** 762074.7638 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B281-SUB-0-2		SAND, some fine to coarse gravel, moist, brown with black	1.3
		SSHS-B281-SUB-2-4		SAND, some fine to coarse gravel, few silt, moist, brown	1.6
2.5				No Recovery	
		SSHS-B281-SUB-4-6		SAND, some fine to coarse gravel, moist, brown	
5.0				SAND, few fine to coarse gravel, trace black shiny material (ash), moist, brown with black, hydrocarbon odor, trace brick	1
		SSHS-B281-SUB-6-8		SILT, trace coarse gravel, moist, green with black	
				SAND, few fine to coarse gravel, trace silt, moist, brown	20.2
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B282

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754322.2856 ft **EASTING** 762099.4919 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 5' depth of run, Shifted 2' to SE of original location, very low recovery in shifted location, Brick in shoe. Samples collected from original location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B282-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	10.1
2.5		SSHS-B282-SUB- 2-4			1.3
		SSHS-B282-SUB- 4-5		SAND, some fine to coarse gravel, moist, brown, few brick	5.6
5.0				Refusal at 5.0 feet. Bottom of borehole at 5.0 feet.	
7.5					

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BORING B283

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/16/15 **COMPLETED** 7/16/15
NORTHING 754311.4969 ft **EASTING** 762088.7929 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B283-SUB- 0-2		LEAN CLAY, moist, brown	1.7
				SAND, few fine to coarse gravel, moist, brown	
				POORLY GRADED GRAVEL WITH SAND	
2.5		SSHS-B283-SUB- 2-4		SAND, little fine to coarse gravel, moist, brown	0.7
				SAND, little black shiny material (ash), trace fine gravel, moist, brown, little black shiny material (ash)	
				No Recovery	
		SSHS-B283-SUB- 4-6		SAND, little fine gravel, moist, brown with black, trace black color	1.7
5.0				SAND, some fine to coarse gravel, trace sand, moist, black light yellow	
		SSHS-B283-SUB- 6-8		SAND, some gravel, moist, brown, few brick	1.4
				Concrete pieces	
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B283A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754311.4969 ft **EASTING** 762088.7929 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, some bentonite	
		No Sample		SAND, some fine to coarse gravel, moist, brown, few bentonite	8.4
2.5		No Sample		SAND, some fine to coarse gravel, moist, brown with black, few bentonite	1.3
				No Recovery	
				SILT, moist, brown	
5.0		No Sample		SAND, some fine to coarse gravel, moist, brown with black, few bentonite	2.1
7.5				No Recovery	
		SSHS-B283a-SUB-8-10		SAND, some silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown	6.1
				Moist, brick	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B284

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/29/15 **COMPLETED** 7/29/15
NORTHING 754311.4237 ft **EASTING** 762070.7539 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B284-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	30.1
		SSHS-B284-SUB- 2-4			9.1
2.5				No Recovery	
		SSHS-B284-SUB- 4-6		SAND, some fine to coarse gravel, trace silt, moist, brown	18
5.0		SSHS-B284-SUB- 6-8			4
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B285

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754723.3338 ft **EASTING** 761866.6771 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** Adam Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B285-SUB-0-2		SILT, dry, brown	
				SAND, trace silt, moist, brown	
				POORLY GRADED GRAVEL WITH SAND, GRAVEL, with sand, trace silt, dry, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	0.6
2.5					
5.0					
7.5					

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BORING B286

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754713.4056 ft **EASTING** 761839.0905 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B286-SUB-0-2		SILT, dry, brown	0.4
				SAND, trace fine to coarse gravel, dry, dark brown	
				SAND, some coarse gravel, moist, dark brown to black	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B287

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754727.3406 ft **EASTING** 761846.6646 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	0.4
		SSHS-B287-SUB-0-2		SAND, with fine to coarse gravel, dry, brown	
				SAND, with coarse gravel, moist to wet, light brown to black, Alternating bands of light brown to black colors	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B288

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 754709.5742 ft **EASTING** 761828.7158 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	26.2
		SSHS-B288-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown and black	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B289

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 754723.7573 ft **EASTING** 761828.0918 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	6
		SSHS-B289-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown and black	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B290

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 754737.8652 ft **EASTING** 761855.5022 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	10
		SSHS-B290-SUB- 0-2		SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown with black	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B295

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 753781.5925 ft **EASTING** 762563.3259 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand Auger
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B295-SS		SILT, moist, brown, trace plant matter	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B296

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/21/15 **COMPLETED** 7/21/15
NORTHING 753655.2164 ft **EASTING** 762522.5741 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand Auger
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B296-SS		SILT, moist, brown	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B297

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753527.3098 ft **EASTING** 762409.7069 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES refusal at 1'; shifted 3' to the north of original location; refusal again at 1'; all samples collected from new location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B297-SS Sample collected by gloved hand		SILT, dry, brown, trace organic material	0.3
				SILT, dry, brown	
				SAND, some fine to coarse gravel, dry, brown	
		SSHS-B297-SUB-0.17-1			
					0.5
				Refusal at 1.0 feet. Bottom of borehole at 1.0 feet.	
2.5					
5.0					
7.5					

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BORING B298

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/3/15 **COMPLETED** 8/3/15
NORTHING 753604.2091 ft **EASTING** 762420.1713 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B298-SS Sample collected by gloved hand		SILT, dry, brown, trace organic material (grass roots)	0.1
				SILT, moist, brown	
		SSHS-B298-SUB-0.17-2		SAND, some fine to coarse gravel, moist, brown with black	27.5
				Moist, Brick	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B299

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 753920.2177 ft **EASTING** 762667.4469 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B299-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown with red	5.2
		SSHS-B299-SUB- 2-4		SAND, some fine to coarse gravel, moist, black	3.1
2.5				SAND, some fine to coarse gravel, moist, brown with red	
				No Recovery	
		SSHS-B299-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	5.1
5.0				SAND, some sand, little fine gravel, moist, brown	
		SSHS-B299-SUB- 6-8		SAND, some fine to coarse gravel, moist, brown	7.2
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B29A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754120 ft **EASTING** 762476 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.5 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Topsoil	0.6
				0.5
			Dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown	0.5
				0.6
				0.5
2.5				0.5
				0.5
				0.6
			Becomes medium to coarse sand, silt	0.8
				0.7
5.0				0.6
				0.6
				0.7
				0.9
				1
7.5				1
				1.1
				0.9
				0.9
				1

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BORING B29A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Becomes medium to coarse sand, silt *(continued)*	1
				1
			Loose, POORLY GRADED SAND, medium grained, moist, gray, some odor	1.1
				4.6
			No recovery	23
12.5				
15.0				
			Dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, wet, dark gray, some odor, staining	85.2
				60
17.5				
			Bottom of borehole at 18.0 feet.	32
20.0				

10.0 12.5 15.0 17.5

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BORING B300

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 754018.1734 ft **EASTING** 762629.2768 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, and gravel	
		SSHS-B300-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	2
				SAND, some black shiny material (ash), little fine gravel, moist, black	
2.5				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B300-SUB- 2-4			2
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown	
				SAND, few fine gravel, moist, black	
				SAND, some fine gravel, moist, brown	
5.0		SSHS-B300-SUB- 4-6		SILT, few sand, little fine gravel, moist, brown	1.1
				SAND, some fine to coarse gravel, moist, brown	
		SSHS-B300-SUB- 6-8		SILT, some sand, little fine gravel, moist, brown	2
7.5					

Bottom of borehole at 8.0 feet.

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BORING B301

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 754082.5247 ft **EASTING** 762583.9421 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B301-SUB- 0-2		SILT, moist, brown	0.5
		SSHS-B301-SUB- 2-4		SAND, some fine to coarse gravel, few black shiny material (ash), moist, dark black	3.6
				No Recovery	
2.5					
				SAND, some fine to coarse gravel, moist, brown	
				SAND, some coarse gravel, moist, black	
5.0		SSHS-B301-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	431
				SILT, some coarse gravel, moist, brown	
				SILT, moist, black, hydrocarbon odor	
		SSHS-B301-SUB- 6-8			644.4
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B302

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/24/15 **COMPLETED** 7/24/15
NORTHING 754289.7657 ft **EASTING** 762475.339 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B302-SUB- 0-2		SILT, moist, brown	
				SAND, some fine to coarse gravel, moist, brown	20.4
2.5		SSHS-B302-SUB- 2-4			4
				No Recovery	
		SSHS-B302-SUB- 4-6		SAND, some fine to coarse gravel, moist, brown	37
5.0		SSHS-B302-SUB- 6-8			0.8
				SILT, some coarse gravel, moist, brown	
				SAND, some fine to coarse gravel, moist, brown	
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B303

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/5/15 **COMPLETED** 8/5/15
NORTHING 754426.8404 ft **EASTING** 762417.3729 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES Refusal at 1'; shifted 3' to south of original position; refusal at 1' again, rock at base of borehole, all samples collected from new location

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B303-SUB- 0-2		SAND, some fine to coarse gravel, moist, brown	1.2
				Refusal at 1.0 feet. Bottom of borehole at 1.0 feet.	
2.5					
5.0					
7.5					

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BORING B304

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/5/15 **COMPLETED** 8/5/15
NORTHING 754498.4748 ft **EASTING** 762385.0613 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B304-SUB- 0-1		SAND, some fine to coarse gravel, few silt, moist, brown	0
				No Recovery	
				Refusal at 1.0 feet. Bottom of borehole at 1.0 feet.	
2.5					
5.0					
7.5					

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BORING B305

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754805.0156 ft **EASTING** 762068.5608 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B305-SS		SILT, dry, brown	0.3
		SSHS-B205-SUB-0.17-2		SAND, some fine to coarse gravel, moist, brown	0.4
				GRAVEL, some sand, dry, brown	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B306

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/16 **COMPLETED** 3/1/16
NORTHING 754753.3666 ft **EASTING** 761837.1598 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B306-SUB-0-2		WELL GRADED SAND, SAND, moist, brown	1
				WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown	
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, moist, brown to black	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B307

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/16 **COMPLETED** 3/1/16
NORTHING 754716.0391 ft **EASTING** 761816.3211 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B307-SUB-0-2		WELL GRADED SAND, SAND, moist, brown	
				WELL GRADED SAND, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown	0.7
				WELL GRADED GRAVEL, GRAVEL, few sand, wet, black	
2.0				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B308

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754512.5036 ft **EASTING** 762229.9179 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B308-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, brown to black	1
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, little silt, moist, brown to black	
2.5		SSHS-B308-SUB-2-4		No Recovery	0.1
				WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown	
				POORLY GRADED GRAVEL, GRAVEL, little sand, coarse grained, moist, brown	
5.0		SSHS-B308-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, moist, brown to black	0.1
				Becomes brown to red, trace brick	
				WELL GRADED SAND, SAND, little fine to medium gravel, moist, brown to black, trace organic material	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B309

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754366.1152 ft **EASTING** 762321.6479 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B309-SUB-0-2		SILT, SILT, moist, brown	0.2
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown blackish	
				No Recovery	
2.5		SSHS-B309-SUB-2-4			0.2
		SSHS-B309-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, few silt, moist, brown blackish	0.2
				No Recovery	
5.0				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B310

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754430.5451 ft **EASTING** 762354.2671 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B310-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown blackish, trace brick	0.2
2.5		SSHS-B310-SUB-2-4		No Recovery	0.2
		SSHS-B310-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown blackish	0.2
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B311

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754494.2641 ft **EASTING** 762331.0058 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B311-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown blackish	0.1
				Brick	
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown blackish	
2.5		SSHS-B311-SUB-2-4		Brick	
				No Recovery	0.1
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B312

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754468.3426 ft **EASTING** 762222.6894 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B312-SUB-0-2		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown to black	0.1
				Becomes brown to yellow	
2.5		No Sample		No Recovery	0.1
				POORLY GRADED GRAVEL, coarse gravel, little silt, moist, brown	
5.0		SSHS-B312-SUB-4-6		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown to black, trace brick	0.1
				WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown to yellow	
		SSHS-B312-SUB-6-8		WELL GRADED SAND, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, black	0.1
				WELL GRADED SAND, SAND, trace silt, moist, brown	
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B313

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754443.4645 ft **EASTING** 762211.3086 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown to black	0.1
				POORLY GRADED GRAVEL, GRAVEL, little sand, coarse grained, dry, brown	
				WELL GRADED SAND, SAND, few fine to medium gravel, moist, brown to black	
2.5		No Sample		No Recovery	0.1
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown	
5.0		No Sample			0.2
				Becomes some fine to coarse gravel, moist, brown to black	
		SSHS-B313-SUB-6-8		Becomes some fine to coarse gravel, moist, brown, trace brick	0.2
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B314

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754401.9635 ft **EASTING** 762229.1937 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B314-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, trace silt, moist, brown to black	0.3
2.5		SSHS-B314-SUB-2-4		WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown, few brick	0.2
				No Recovery	
		SSHS-B314-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown, trace brick	3.2
5.0				WELL GRADED SAND, SAND, few coarse gravel, few black shiny material (ash), moist, black	
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown to yellow	
				Black shiny material (ash)	
		SSHS-B314-SUB-6-8		WELL GRADED SAND, SAND, few coarse gravel, moist, brown to yellow, brick pieces	2.5
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B315

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/16 **COMPLETED** 3/1/16
NORTHING 754341.654 ft **EASTING** 762170.9514 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B315-SS		SILTY SAND, moist, brown	0
		SSHS-B315-SUB-0.17-2		WELL GRADED SAND WITH SILT, SAND, few coarse gravel, moist, brown	0.5
				WELL GRADED SAND, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B316

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754476.9629 ft **EASTING** 762283.8462 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B311-SUB-0-2		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown to black	0.1
				WELL GRADED GRAVEL, GRAVEL, medium to coarse grained, dry, white	
2.5				WELL GRADED SAND, SAND, some fine to medium gravel, moist, black, trace yellow	
		SSHS-B311-SUB-2-4		No Recovery	0.1
				POORLY GRADED GRAVEL, GRAVEL, some sand, coarse grained, moist, brown to black	
5.0		SSHS-B311-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown to yellow	0.1
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B317

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/16 **COMPLETED** 3/1/16
NORTHING 754449.9247 ft **EASTING** 762175.8756 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0		SSHS-B317-SUB-0-2		SILTY SAND, trace coarse gravel, moist, brown
				No Recovery
				Bottom of borehole at 2.0 feet.
2.5				
5.0				
7.5				

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BORING B318

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754348.5504 ft **EASTING** 762282.5589 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B318-SUB-0-2			0.2
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black, trace brick	
2.5		SSHS-B318-SUB-2-4		Moist, red, Brick and mortar	0.2
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B319

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754459.8889 ft **EASTING** 762252.003 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B319-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace black shiny material (ash), moist, brown	0.2
				WELL GRADED SAND, SAND, little medium to coarse gravel, moist, brown blackish, trace brick	
2.5		SSHS-B319-SUB-2-4			0.2
				No Recovery	
		SSHS-B319-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown blackish	0.1
5.0					
		SSHS-B319-SUB-6-8		No Recovery	0.1
7.5					
		SSHS-B319-SUB-8-10		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown blackish	0.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B320

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754376.2056 ft **EASTING** 762243.4942 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
		SSHS-B320-SUB-0-2		SILT, SILT, moist, brown, trace brick		0.0
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown to black	1	
				POORLY GRADED GRAVEL, GRAVEL, little sand, moist, brown, hydrocarbon odor		
2.5		No Sample		No Recovery	2.4	2.5
				WELL GRADED SAND, SAND, few fine to medium gravel, moist, brown to black, trace brick		
		SSHS-B320-SUB-4-6			2.8	
5.0				No Recovery		5.0
				Bottom of borehole at 6.0 feet.		
7.5						

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BORING B321

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754247.7791 ft **EASTING** 762219.4489 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black, trace brick	0.1
2.5				POORLY GRADED GRAVEL WITH SAND, GRAVEL, some sand, dry, brown	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black, trace brick	0.2
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, dry, brown	
5.0		SSHS-B321-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some gravel, moist, black	0.2
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B322

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754445.669 ft **EASTING** 762231.6323 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B322-SUB-0-2		WELL GRADED SAND, SAND, and medium to coarse gravel, moist, brown blackish	0.2
				WELL GRADED SAND, SAND, and medium to coarse gravel, moist, brown, trace brick	
2.5		No Sample		No Recovery	0.1
				WELL GRADED SAND WITH SILT, SAND, some silt, moist, brown	
		No Sample		WELL GRADED SAND, SAND, little fine to medium gravel, moist, yellow	0.1
5.0				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown blackish	
		No Sample			0.1
				No Recovery	
7.5				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown blackish	
		SSHS-B322-SUB-8-10		POORLY GRADED GRAVEL, GRAVEL, few sand, coarse grained, moist, brown	0.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B323

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754412.4614 ft **EASTING** 762276.3791 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, few silt, moist, brown to black	0
				Wood chips	
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to yellow	
2.5		No Sample		No Recovery	0
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown	0.1
5.0				WELL GRADED SAND, SAND, little fine to coarse gravel, little black shiny material (ash), moist, brown to yellow	
				Moist, red brick	
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown	
		No Sample		No Recovery	0.1
7.5				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown to black	
		SSHS-B323-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown, trace brick	0.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B324

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/16 **COMPLETED** 3/1/16
NORTHING 754406.0345 ft **EASTING** 762147.6884 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B324-SS		SILTY SAND, moist, brown	0.3
				WELL GRADED SAND	
		SSHS-B324-SUB-0.17-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, little silt, moist, black	0.6
				Construction debris, moist, red	
				No Recovery	
2.0				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B325

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/16 **COMPLETED** 3/1/16
NORTHING 754650.7349 ft **EASTING** 762085.6976 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED SAND, SAND, moist, brown	
		No Sample		WELL GRADED SAND, SAND, some fine to coarse gravel, moist, brown	0.3
				Becomes yellow	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, moist, brown yellow	
2.5		SSHS-B325-SUB-2-4		No Recovery	0.7
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B326

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/2/16 **COMPLETED** 3/2/16
NORTHING 754378.0194 ft **EASTING** 762365.15 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B326-SUB-0-2		WELL GRADED SAND, SAND, moist, yellow blackish WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown, trace brick	0.2
2.5		SSHS-B326-SUB-2-4		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown	0.2
				No Recovery	
5.0		SSHS-B326-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace silt, moist, brown	0.2
				SILT, SILT, moist, brown	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B327

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754265.118 ft **EASTING** 762147.7364 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B327-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black, trace brick	0.1
2.5		SSHS-B327-SUB-2-4		No Recovery	0.1
				WELL GRADED SAND, SAND, little silt, few fine to coarse gravel, moist, black	
5.0		SSHS-B327-SUB-4-6			0.1
				WELL GRADED SAND, SAND, some silt, little fine to medium gravel, moist, brown to yellow	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B328

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754230.9704 ft **EASTING** 762174.6498 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B328-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	0.1
				WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, moist, brown to black	
2.5		SSHS-B328-SUB-2-4		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black	
				No Recovery	0.1
				WELL GRADED SAND, SAND, moist, brown, brick	
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace black shiny material (ash), moist, black to brown, trace brick	
5.0		SSHS-B328-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	6.4
7.5				Bottom of borehole at 6.0 feet.	

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BORING B329

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754180.3038 ft **EASTING** 762086.6525 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, moist, brown to black, some asphalt	
		SSHS-B329-SUB-0-2		WELL GRADED SAND, SAND, few medium to coarse gravel, trace silt, trace black shiny material (ash), moist, brown to black	0.1
2.5		SSHS-B329-SUB-2-4			0.3
				No Recovery	
		SSHS-B329-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, little silt, moist, brown	0.2
5.0				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black	
		SSHS-B329-SUB-6-8		No Recovery	0.2
7.5					
		SSHS-B329-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown	0.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B330

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754135.2435 ft **EASTING** 762131.8225 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B330-SUB-0-2		SILT, SILT, moist, brown	0.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to medium gravel, black shiny material (ash), moist, black	
2.5		SSHS-B330-SUB-2-4		WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, fine to coarse grained	2.1
				No Recovery	
		SSHS-B330-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, few fine to medium gravel, trace silt, moist, brown to black	3.1
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), few fine to coarse gravel, little silt, moist, brown to black	
		SSHS-B330-SUB-6-8		No Recovery	1.7
7.5					
		SSHS-B330-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, trace black shiny material (ash), moist, brown to black, little pieces of wood	3
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B330B

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754135.2435 ft **EASTING** 762131.8225 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES Refusal at 14'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, trace black shiny material (ash), moist, brown to black, trace brick	0.2
2.5				No Recovery	
5.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, trace black shiny material (ash), moist, brown to black	
7.5				No Recovery	

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BORING B330B

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B330B-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to black, trace wood mulch	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, little black shiny material (ash), moist, black	4
				Concrete	
				No Recovery	
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, moist, black, mulch (slough)	12.5
		SSHS-B330B-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	2.1
				No Recovery (Concrete in shoe)	
15.0				Refusal at 14.0 feet. Bottom of borehole at 14.0 feet.	
17.5					
20.0					

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BORING B331

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754335.4131 ft **EASTING** 762082.7772 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B331-SUB-0-2			0.3
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace black shiny material (ash), moist, brown	
2.5		SSHS-B331-SUB-2-4		No Recovery	0.3
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown, Brick Powder	
5.0		SSHS-B331-SUB-4-6			0.3
				Fine to coarse gravel, dry, Fill Material (Mortar)	
		SSHS-B331-SUB-6-8		WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, brown to black	0.3
7.5				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, dry, white to brown, Fill material (Mortar)	
		SSHS-B331-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, brown to yellow	0.3
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B332

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754338.9924 ft **EASTING** 762110.8176 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B332-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black	0.1
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black, trace brick	
2.5		No Sample		No Recovery	0.4
		SSHS-B332-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black, trace brick	0.1
5.0		SSHS-B332-SUB-6-8		Dry Fill, (Concrete)	
				No Recovery	0.1
7.5				WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, brown to black	
		SSHS-B332-SUB-8-10		Dry Fill, (Mortar)	0.2
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, trace silt, moist, brown to black	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B333

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754262.5054 ft **EASTING** 762075.1991 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		SSHS-B333-SUB-0-2		WELL GRADED SAND, SAND, little silt, few medium to coarse gravel, moist, brown	0.1
				WELL GRADED SAND, SAND, little silt, few medium to coarse gravel, moist, black	
2.5		SSHS-B333-SUB-2-4		No Recovery	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few medium to coarse gravel, moist, black	
		SSHS-B333-SUB-4-6			0.1
5.0				POORLY GRADED GRAVEL, GRAVEL, dry, red	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few, few medium to coarse gravel, moist, black	
				POORLY GRADED GRAVEL WITH SAND, GRAVEL, some sand, moist, black	
				WELL GRADED SAND, SAND, few coarse gravel, trace silt, moist, black	
		SSHS-B333-SUB-6-8			2.4
				No Recovery	
7.5				WELL GRADED SAND, SAND, few fine to coarse gravel, little silt, moist, black	
		SSHS-B333-SUB-8-10		Dry, Fill Material, Brick Gravel and grey sand(mortar)	0.5
				No Recovery	

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BORING B333

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B334

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754238.3155 ft **EASTING** 762063.6164 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, gravel, moist, black	
				WELL GRADED SAND, SAND, moist, brown	
		SSHS-B334-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, dry, yellow	0.1
				WELL GRADED SAND, SAND, little black shiny material (ash), black	
				Fill material (Mortar)	
2.5		SSHS-B334-SUB-2-4		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown	0.6
				No Recovery	
		SSHS-B334-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black	0.4
5.0				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	
		SSHS-B334-SUB-6-8		WELL GRADED SAND, SAND, moist, brown	0.2
				No Recovery	
7.5				WELL GRADED SAND, SAND, some coarse gravel, moist, brown to black	
		SSHS-B334-SUB-8-10		WELL GRADED SAND, SAND, some coarse gravel, moist, brown	0.2

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BORING B334

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND, SAND, some coarse gravel, moist, brown *(continued)*	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B335

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754307.3217 ft **EASTING** 762058.1906 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B335-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, few silt, moist, brown to black	0.1
2.5		SSHS-B335-SUB-2-4		No Recovery	0.1
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, black	
		SSHS-B335-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, brown to black	0.2
5.0				Moist, Fill, (Brick)	
				WELL GRADED SAND, SAND, few medium to coarse gravel, little silt, moist, brown to black	
				Dry, Fill Material, (Mortar)	
		SSHS-B335-SUB-6-8		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, few silt, moist, black	3.2
				No Recovery	
7.5				WELL GRADED SAND, SAND, few fine to medium gravel, moist, black	
		SSHS-B335-SUB-8-10		Moist, Fill, (Brick)	3.4
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B336

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754271.6093 ft **EASTING** 762098.4145 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B336-SUB-0-2		SILT, SILT, moist, brown, trace grass	0.1
				POORLY GRADED GRAVEL, GRAVEL, trace sand, dry, brown	
				WELL GRADED SAND, SAND, some medium to coarse gravel, moist, brown	
				No Recovery	
2.5		SSHS-B336-SUB-2-4			0.1
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, little silt, moist, black	
5.0		SSHS-B336-SUB-4-6		WELL GRADED SAND, SAND, few silt, little gravel, moist, brown to yellow	0.1
		SSHS-B336-SUB-6-8			0.1
7.5				No Recovery	
		SSHS-B336-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, trace silt, moist, brown to black	0.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B337

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754134.0062 ft **EASTING** 762181.1341 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B337-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, trace black shiny material (ash), moist, brown to black	9.8
2.5		SSHS-B337-SUB-2-4		No Recovery	2.9
		SSHS-B337-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, trace black shiny material (ash), moist, brown to black	3.2
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown to red	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, trace black shiny material (ash), moist, brown	
		SSHS-B337-SUB-6-8		No Recovery	2.1
7.5					
		SSHS-B337-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, trace silt, moist, brown	

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BORING B337

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B337-SUB-10-12		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, trace silt, moist, brown *(continued)*	1
				No Recovery	
				Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B338

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754179.923 ft **EASTING** 762158.8436 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B338-SUB-0-2		SILT, SILT, moist, brown	1.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
2.5		SSHS-B338-SUB-2-4		No Recovery	1.8
		SSHS-B338-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown	0.8
5.0		SSHS-B338-SUB-6-8		No Recovery	1.2
7.5		SSHS-B338-SUB-8-10			2.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few medium to coarse gravel, moist, brown	

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BORING B338

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B338-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few medium to coarse gravel, moist, brown *(continued)*	0.8
				No Recovery	
12.5		SSHS-B338-SUB-12-14			2.5
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B339

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754149.1241 ft **EASTING** 762202.3501 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B339-SUB-0-2		SILT WITH GRAVEL, SILT, moist, brown	3.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, trace black shiny material (ash), moist, brown, trace brick	
2.5		SSHS-B339-SUB-2-4		No Recovery	10.4
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B340

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754181.5596 ft **EASTING** 762191.8514 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample			1.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, moist, brown to black	
2.5		SSHS-B340-SUB-2-4		Fill, (Brick and Mortar)	2.4
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B341

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754235.0999 ft **EASTING** 762103.2476 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black, trace brick	0.1
2.5		No Sample		No Recovery	0.1
		No Sample		WELL GRADED SAND, SAND, some fine to medium gravel, moist, black, trace brick	0.4
5.0				WELL GRADED SAND WITH SILT, SAND, some silt, few fine to coarse gravel, moist, yellow	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	0.1
7.5				No Recovery	
		SSHS-B341-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	0.1

Bottom of borehole at 10.0 feet.

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BORING B342

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754207.8647 ft **EASTING** 762120.6946 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse sand, moist, brown to black, trace organics,(wood chips)	0.1
2.5		No Sample		Black shiny material (ash)	0.1
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, black	
5.0		No Sample		WELL GRADED SAND, SAND, few medium to coarse gravel, little silt, moist, yellow	0.1
		No Sample			0.1
7.5				No Recovery	
		SSHS-B342-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black	0.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B343

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754088.1934 ft **EASTING** 762146.5861 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B343-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown, trace brick	1.5
2.5		SSHS-B343-SUB-2-4		No Recovery	0.4
		SSHS-B343-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	1.2
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B344

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/16 **COMPLETED** 3/3/16
NORTHING 754293.7294 ft **EASTING** 762121.2023 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B344-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black	0.1
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse sand, moist, black, trace brick	
2.5		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown to yellow	0.1
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, some fine gravel, moist, brown to yellow, trace brick	
		SSHS-B344-SUB-4-6		WELL GRADED SAND WITH SILT, SAND, some silt, little fine gravel, moist, yellow to brown	0.1
5.0					
		SSHS-B344-SUB-6-8		WELL GRADED SAND, SAND, little gravel, little silt, moist, brown	0.1
				No Recovery	
7.5					
		SSHS-B344-SUB-8-10		WELL GRADED SAND WITH GRAVEL, SAND, some fine to medium gravel, moist, brown to yellow	0.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B345

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 754114.5519 ft **EASTING** 762177.9128 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B345-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	1.4
				WELL GRADED GRAVEL, GRAVEL, little sand, medium to coarse grained, dry, gray	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, trace black shiny material (ash), moist, brown, trace brick	
2.5		SSHS-B345-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, some black shiny material (ash), moist, black	1.6
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, few black shiny material (ash), moist, brown to black	
5.0		SSHS-B345-SUB-4-6			0.5
				Fill, (Brick)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, trace black shiny material (ash), moist, brown to black	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B346

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754268.6745 ft **EASTING** 762392.926 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B346-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown to black, trace brick	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few medium to coarse gravel, moist, brown	
2.5		SSHS-B346-SUB-2-4		No Recovery	0.2
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	
5.0		SSHS-B346-SUB-4-6		No Recovery	0.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B347

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754094.6925 ft **EASTING** 762579.0073 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample		SILT, SILT, moist, brown	0.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
2.5		SSHS-B347-SUB-2-4		No Recovery	0.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to gray	
5.0		SSHS-B347-SUB-4-6			2.2
				SANDY SILT, SILT, some sand, trace fine to medium gravel, moist, black, hydrocarbon odor	
7.5		SSHS-B347-SUB-6-8			201.1
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B348

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754081.2554 ft **EASTING** 762538.9577 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, black	
		SSHS-B348-SUB-0-2			0.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to medium gravel, little silt, moist, black	
				WELL GRADED SAND WITH SILT, SAND, little silt, little fine to medium gravel, moist, brown to black	
2.5		SSHS-B348-SUB-2-4		No Recovery	5.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some silt, little medium to coarse gravel, moist, brown to black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few medium to coarse gravel, moist, brown, trace brick	
5.0		SSHS-B348-SUB-4-6			3.2
7.5				Bottom of borehole at 6.0 feet.	

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BORING B349

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754116.396 ft **EASTING** 762526.2598 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B349-SUB-0-2			0.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown to black	
2.5		SSHS-B349-SUB-2-4			0.4
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown to black	
5.0		SSHS-B349-SUB-4-6			0.7
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B350

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754150.2012 ft **EASTING** 762511.8087 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B350-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace black shiny material (ash), moist, brown, trace brick	0.3
2.5		SSHS-B350-SUB-2-4			0.9
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	
		SSHS-B350-SUB-4-6			0.5
5.0				WELL GRADED SAND, SAND, some medium to coarse gravel, moist, brown	
		SSHS-B350-SUB-6-8		WELL GRADED SAND, SAND, few gravel, little silt, moist, brown	0.4
7.5				No Recovery	
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown	
		SSHS-B350-SUB-8-10			0.3
				WELL GRADED SAND, SAND, little fine gravel, trace silt, moist, brown	

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BORING B350

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B351

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754242.3678 ft **EASTING** 762480.6362 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				POORLY GRADED GRAVEL, GRAVEL, trace silt, moist, brown	
				WELL GRADED SAND WITH SILT, SAND, some silt, few medium to coarse gravel, moist, brown to black	
		SSHS-B351-SUB-0-2			12.6
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	
2.5		SSHS-B351-SUB-2-4			10
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754251.0385 ft **EASTING** 762429.2847 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	0.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown, trace brick	
2.5		No Sample			0.3
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, few medium to coarse gravel, moist, brown	
5.0		SSHS-B352-SUB-4-6			0.4
7.5				No Recovery	
				Bottom of borehole at 6.0 feet.	

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754278.9156 ft **EASTING** 762417.2668 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, little medium to coarse gravel, moist, brown	
		SSHS-B357-SUB-0-2		SILT, SILT, moist, brown	0.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, moist, brown, trace brick	
2.5		SSHS-B357-SUB-2-4			0.5
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to medium gravel, trace silt, moist, brown	
5.0		SSHS-B357-SUB-4-6			0.9
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown, trace brick	
				Bottom of borehole at 6.0 feet.	
7.5					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754308.0585 ft **EASTING** 762468.9949 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B354-SUB-0-2		WELL GRADED SAND, SAND, little medium to coarse gravel, moist, brown, trace brick	0.1
2.5		SSHS-B354-SUB-2-4		No Recovery	0.2
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B355

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754216.9575 ft **EASTING** 762439.5353 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B355-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, little silt, moist, brown	0.2
				No Recovery	
2.5		SSHS-B355-SUB-2-4			0.2
		SSHS-B355-SUB-4-6		WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, moist	0.2
				No Recovery	
5.0					
7.5				Bottom of borehole at 6.0 feet.	

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BORING B356

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754073.0534 ft **EASTING** 762574.4364 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	3.6
				WELL GRADED SAND WITH GRAVEL, SAND, few medium to coarse gravel, few black shiny material (ash), moist, black	
2.5		SSHS-B356-SUB-2-4		WELL GRADED SAND WITH GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	1.8
				POORLY GRADED GRAVEL	
				No Recovery	
		SSHS-B356-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown, trace brick	1.2
5.0				POORLY GRADED GRAVEL WITH SAND, GRAVEL, little sand, moist, brown	
				No Recovery	
		SSHS-B356-SUB-6-8			10
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B357

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754269.7498 ft **EASTING** 762361.5107 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B357-SUB-0-2		WELL GRADED SAND WITH SILT, SAND, some silt, few coarse gravel, moist, brown	0.6
				WELL GRADED SAND WITH GRAVEL, SAND, some coarse gravel, moist, brown to black, trace brick	
2.5		SSHS-B357-SUB-2-4		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown	0.5
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B358

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754031.4811 ft **EASTING** 762540.4842 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B358-SS		SILT, SILT, moist, brown	0.2
		SSHS-B358-SUB-0.17-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few medium to coarse gravel, moist, brown to black	0.5
2.5		SSHS-B358-SUB-2-4		No Recovery	0.3
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B359

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 753989.941 ft **EASTING** 762519.4053 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES Surface sample SSHS-B359-SS collected 1 ft west of boring in grass

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B359-SS		ASPHALT	
		SSHS-B359-SUB-0.17-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, moist, brown, trace brick	0.2
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B360

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754055.744 ft **EASTING** 762629.2553 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				ASPHALT
		SSHS-B360-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, moist, brown
				POORLY GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, black
2.5				Bottom of borehole at 2.0 feet.
5.0				
7.5				

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BORING B361

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754199.3845 ft **EASTING** 762490.994 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B361-SUB-0-2		POORLY GRADED GRAVEL, GRAVEL, dry, gray	
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace black shiny material (ash), moist, brown, trace brick	1.1
2.5		SSHS-B361-SUB-2-4		WELL GRADED SAND, SAND, few fine to medium gravel, moist, brown	1.7
				No Recovery	
				WELL GRADED SAND, SAND, little fine to medium gravel, moist, brown	
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown	
5.0		SSHS-B361-SUB-4-6		WELL GRADED SAND, SAND, little fine to medium gravel, moist, brown	0.9
				WELL GRADED SAND, SAND, little fine gravel, trace silt, moist, brown	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B362

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754148.2939 ft **EASTING** 762483.6749 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample		SILT, SILT, moist, brown to black	
				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, little silt, moist, brown, few brick	
		No Sample		No Recovery	
2.5				POORLY GRADED GRAVEL, GRAVEL, dry, gray	
		SSHS-B362-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, little silt, little fine to medium gravel, moist, black	17.2
5.0				WELL GRADED SAND WITH SILT, SAND, some silt, little fine to medium gravel, moist, brown	
				WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, dry	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to black	
		SSHS-B362-SUB-6-8		No Recovery	0.5
7.5				Bottom of borehole at 8.0 feet.	

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BORING B363

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754199.9922 ft **EASTING** 762459.3223 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B363-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, moist, brown	0.3
2.5		No Sample		No Recovery	0.6
		SSHS-B363-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, little silt, moist, brown	0.5
5.0				SILTY SAND, SAND, few silt, moist, brown to red	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B364

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754280.1486 ft **EASTING** 762501.7962 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B364-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, moist, brown to black, trace brick	0.1
				WELL GRADED SAND, SAND, few medium to coarse gravel, little silt, moist, brown	
2.5		SSHS-B364-SUB-2-4			0.1
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B365

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 754088.6188 ft **EASTING** 762600.194 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B365-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, moist, brown to black	4.1
2.5		SSHS-B365-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown, trace brick	3.6
				No Recovery	
		SSHS-B365-SUB-4-6		WELL GRADED SAND WITH GRAVEL, SAND, few fine to medium gravel, trace silt, moist, brown to black	
5.0				WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, dry, gray	33.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, black, hydrocarbon odor	
		SSHS-B365-SUB-6-8		WELL GRADED SAND WITH SILT, SAND, few silt, moist, black, hydrocarbon odor	231.1
7.5				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to black, hydrocarbon odor	
		SSHS-B365-SUB-8-10		SILTY SAND, SAND, some silt, few fine to medium gravel, moist, black	236.7

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BORING B365

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SILTY SAND, SAND, some silt, few fine to medium gravel, moist, black *(continued)*	
				Bottom of borehole at 10.0 feet.	

12.5

15.0

17.5

20.0

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BORING B366

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/16 **COMPLETED** 3/4/16
NORTHING 754066.6567 ft **EASTING** 762599.054 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, trace silt, moist, brown	1.2
2.5		SSHS-B366-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, little fine to medium gravel, moist, brown	0.4
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, moist, brown	
				POORLY GRADED GRAVEL WITH SAND, GRAVEL, some sand, dry, gray	
5.0				WELL GRADED SAND WITH GRAVEL, SAND, little fine to medium gravel, moist, brown	
		SSHS-B366-SUB-4-6		WELL GRADED SAND, SAND, little fine to medium gravel, moist, black, hydrocarbon odor	44.4
		SSHS-B366-SUB-6-8		No Recovery	136.6
7.5					
		SSHS-B366-SUB-8-10		WELL GRADED GRAVEL WITH SILT, GRAVEL, some sand, little silt, wet, black	151.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B367

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753838.2994 ft **EASTING** 762740.8102 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				ASPHALT
		SSHS-B367-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, moist, brown
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, moist, brown to black
2.5				Bottom of borehole at 2.0 feet.
5.0				
7.5				

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BORING B368

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753867.2849 ft **EASTING** 762709.4564 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B368-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few coarse gravel, little silt, moist, brown	2.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, black	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B369

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 753930.9285 ft **EASTING** 762663.5777 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to medium gravel, little silt, moist, brown	5.9
				WELL GRADED SAND WITH SILT, SAND, little fine to medium gravel, moist, brown	
2.5		SSHS-B369-SUB-2-4			0.5
				No Recovery	
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown, trace brick	
5.0		SSHS-B369-SUB-4-6			4.6
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B370

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 753909.0554 ft **EASTING** 762675.0076 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B370-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace silt, moist, brown	0.8
2.5		SSHS-B370-SUB-2-4		No Recovery	0.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, moist, brown	
5.0		SSHS-B370-SUB-4-6		WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, medium to coarse grained, dry, gray	0.3
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B371

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753801.4963 ft **EASTING** 762590.7031 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES Refusal at 10'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B371-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	2.2
2.5		SSHS-B371-SUB-2-4			4.4
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	
5.0		SSHS-B371-SUB-4-6		SILTY SAND WITH GRAVEL, SAND, some silt, few fine to medium gravel, moist, black	18.8
		SSHS-B371-SUB-6-8			25.9
7.5				No Recovery	
				SILTY SAND WITH GRAVEL, SAND, some silt, few fine to medium gravel, moist, black	
		SSHS-B371-SUB-8-10			12.4
				Concrete	

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BORING B371

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Concrete *(continued)*	
				Refusal at 10.0 feet.	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B372

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753833.1382 ft **EASTING** 762624.9651 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B372-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	1.2
2.5		SSHS-B372-SUB-2-4		No Recovery	1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	
5.0		SSHS-B372-SUB-4-6			1.1
				WELL GRADED SAND WITH GRAVEL, SAND, few coarse gravel, moist, brown to yellow	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B373

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753780.7565 ft **EASTING** 762544.4635 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B373-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	1.9
2.5		SSHS-B373-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, black shiny material (ash), moist, black to brown	7.4
				No Recovery	
		SSHS-B373-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black, trace brick	2.8
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, black shiny material (ash), few fine to coarse gravel, little silt, moist, black to brown	
		SSHS-B373-SUB-6-8		No Recovery	8.3
7.5					
		SSHS-B373-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, wet, black	17.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	

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BORING B373

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, black	
		SSHS-B373-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, wet, brown to black	1.7
12.5		SSHS-B373-SUB-12-14			2.1
		No Sample		No Recovery	2.6
15.0					
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B374

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753759.5703 ft **EASTING** 762526.7982 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B374-SUB-0-2		ASPHALT	4.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, little silt, moist, black	
2.5		SSHS-B374-SUB-2-4		No Recovery	1.3
		SSHS-B374-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	2.8
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, black shiny material (ash), moist, black	
				No Recovery	
		SSHS-B374-SUB-6-8			1.1
7.5					

Bottom of borehole at 8.0 feet.

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BORING B375

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753793.8251 ft **EASTING** 762740.1591 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B375-SUB-0-2		ASPHALT	4.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, moist, brown to black	
				No Recovery	
2.5		SSHS-B375-SUB-2-4			0.7
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to black	0.2
5.0				No Recovery	
		No Sample			0.2
7.5				SILTY SAND WITH GRAVEL, SAND, few fine gravel, some silt, wet, brown	
		SSHS-B375-SUB-8-10			2.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B376

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753794.1111 ft **EASTING** 762721.8853 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				ASPHALT
		SSHS-B376-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to black
				SILTY SAND WITH GRAVEL, SAND, little fine to medium gravel, some silt, moist, brown
2.5		SSHS-B376-SUB-2-4		No Recovery
				Bottom of borehole at 4.0 feet.
5.0				
7.5				

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BORING B377

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753709.5528 ft **EASTING** 762691.4064 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES 10-12 collected 1 ft from main boring.

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		SILTY SAND WITH GRAVEL, SAND, few medium to coarse gravel, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, few silt, moist, brown to black, trace brick	0.1
2.5		No Sample		No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, black to brown	
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, few silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some medium to coarse gravel, moist, black	
				SILTY SAND, SAND, few silt, moist, brown	
				SILTY SAND, SAND, some black shiny material (ash), few silt, moist, black	0.1
		No Sample		No Recovery	
7.5				SILTY SAND, SAND, some silt, black shiny material (ash), moist, black	
		SSHS-B377-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, little silt, moist, brown	
				No Recovery	1.1

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BORING B377

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, black	
				WELL GRADED SAND, SAND, few medium to coarse gravel, moist, brown	
		SSHS-B377-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	
12.5				Bottom of borehole at 12.0 feet.	
15.0					
17.5					
20.0					

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BORING B378

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753734.1649 ft **EASTING** 762735.3966 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few coarse gravel, little silt, moist, brown	1.1
				SILTY SAND WITH GRAVEL, SAND, some silt, few gravel, trace black shiny material (ash), moist, black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, moist	
2.5		SSHS-B378-SUB-2-4		SILTY SAND, SAND, some silt, few black shiny material (ash), moist, black	
				No Recovery	0.5
		SSHS-B378-SUB-4-6		SILTY SAND, SAND, some silt, little fine to medium gravel, moist, brown to black	1
5.0				SILTY SAND, SAND, little fine to medium gravel, some silt, trace black shiny material (ash), moist, brown to yellow	
		No Sample			0.2
7.5				No Recovery	
				SILTY SAND WITH GRAVEL, SAND, some silt, few gravel, moist, black	
		SSHS-B378-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, moist, brown	1.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B379

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753770.7691 ft **EASTING** 762716.0731 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B379-SUB-0-2		ASPHALT	10
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown	
				SILT, SILT, moist, gray	
				SILTY SAND, SAND, some silt, moist, brown	
2.5		SSHS-B379-SUB-2-4		No Recovery	2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few coarse gravel, little silt, moist, black	
		SSHS-B379-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to medium gravel, little silt, moist, brown	0.4
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B380

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 753868.5118 ft **EASTING** 762656.5029 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B380-SUB-0-2		SILT, SILT, moist, brown	7.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to medium gravel, little silt, moist, brown to black	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B381

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 753725.4017 ft **EASTING** 762512.1772 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B381-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	2.2
				Some fine to coarse gravel, few sand, little silt, Fill (Oxidised material)	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B382

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/9/16 **COMPLETED** 3/9/16
NORTHING 753604.0328 ft **EASTING** 762601.3269 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B382-SUB-0-2		SILTY SAND WITH GRAVEL, SAND, some silt, few fine to medium gravel, moist, brown	3.2
				No Recovery	
2.5		SSHS-B382-SUB-2-4			1.8
2.5				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B383

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753694.1203 ft **EASTING** 762803.4287 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B383-SUB-0-2		SILT, SILT, moist, brown	1.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, few silt, moist, black	
2.5		SSHS-B383-SUB-2-4		No Recovery	1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, black shiny material (ash), moist, black	
5.0		SSHS-B383-SUB-4-6			0.9
		SSHS-B383-SUB-6-8		No Recovery	1.2
7.5					
		SSHS-B383-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, little silt, black shiny material (ash), moist, black	1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	

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BORING B383

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B383-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown *(continued)*	3.4
				No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B384

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753926.6934 ft **EASTING** 762680.0289 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, fine grained, moist, brown to black	0.8
2.5		SSHS-B384-SUB-2-4		SILTY SAND WITH GRAVEL, SAND, few medium to coarse gravel, some silt, moist, brown	0.2
				No Recovery	
		SSHS-B384-SUB-4-6		SILTY SAND, SAND, some silt, little fine to medium gravel, moist, black	
5.0				WELL GRADED SAND WITH GRAVEL, SAND, some medium to coarse gravel, trace silt, moist, brown	0.2
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B385

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/7/16 **COMPLETED** 3/7/16
NORTHING 753913.0244 ft **EASTING** 762667.2154 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				SILT, SILT, moist, brown
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, moist, brown to black
2.5		SSHS-B385-SUB-2-4		No Recovery
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to medium gravel, moist, brown
5.0		SSHS-B385-SUB-4-6		SILT, SILT, moist, brown
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, moist, brown, trace brick pieces
7.5				Bottom of borehole at 6.0 feet.

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BORING B386

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753829.039 ft **EASTING** 762670.1475 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B386-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, little silt, moist, brown to black	1.1
2.5		SSHS-B386-SUB-2-4		No Recovery	2.3
		SSHS-B386-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, black	2
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B387

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753743.5526 ft **EASTING** 762762.2683 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B387-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few medium to coarse gravel, moist, brown	2.1
				SILTY SAND WITH GRAVEL, SAND, some silt, few fine to medium gravel, moist, black	
2.5		SSHS-B387-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, moist, brown, trace brick	0.3
				No Recovery	
				SILTY SAND, SAND, little fine to medium gravel, moist, brown	
5.0		SSHS-B387-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to medium gravel, moist, black	0.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, moist, brown to black	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B388

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753666.7108 ft **EASTING** 762675.6631 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little sand, black shiny material (ash), moist, black	
2.5		No Sample		No Recovery	3.6
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, little silt, moist, black	3.3
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), few fine to coarse gravel, little silt, moist, brown	
		SSHS-B388-SUB-6-8		No Recovery	1.9
7.5				SILTY SAND WITH GRAVEL, SAND, some silt, few fine to medium gravel, moist, black	
		SSHS-B388-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	2.9

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BORING B388

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B388-SUB-10-12		No Recovery	3.3
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B389

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753726.0613 ft **EASTING** 762623.3555 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown to black	0.9
2.5				No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, few black shiny material (ash), little silt, moist, brown to black	0.8
5.0					
		No Sample			0.8
7.5				No Recovery	
		SSHS-B389-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to medium gravel, little silt, moist, black	0.9
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown	

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BORING B389

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B389-SUB-10-12		No Recovery	0.9
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B390

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753737.7918 ft **EASTING** 762588.5445 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	1.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	
2.5		No Sample			2.3
				No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	1.3
5.0					
		No Sample			4.4
				No Recovery	
7.5					
		SSHS-B390-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown	6.8
				Concrete	
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery *(continued)*	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B391

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753625.5499 ft **EASTING** 762658.4674 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample			1.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	
				SILTY SAND, SAND, some black shiny material (ash), moist, black	
2.5		No Sample		No Recovery	5.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, little silt, moist, black	
5.0		No Sample			1.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, few black shiny material (ash), moist, brown, Brick	
		No Sample		No Recovery	0.6
7.5					
				WELL GRADED SAND WITH GRAVEL, SAND, few gravel, some black shiny material (ash), moist, black	
		SSHS-B391-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to red	0.2

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BORING B391

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B391-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to red *(continued)*	0.3
				No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B392

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753640.8619 ft **EASTING** 762692.1344 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown to black	
		SSHS-B392-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	0.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, black shiny material (ash), moist, black	
2.5		SSHS-B392-SUB-2-4		No Recovery	2.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, black shiny material (ash), moist, black	
		SSHS-B392-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, little silt, moist, brown	6.7
5.0					
		SSHS-B392-SUB-6-8			3.5
				No Recovery	
7.5					
		SSHS-B392-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown	1.6

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BORING B392

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown *(continued)*	0.7
				No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B393

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753671.6835 ft **EASTING** 762765.4562 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B393-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	1.6
				Sand, moist, black, Black Shiny Material	
2.5		SSHS-B393-SUB-2-4		No Recovery	1.1
		SSHS-B393-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), little silt, few fine to coarse gravel, moist, black	1.2
5.0		SSHS-B393-SUB-6-8		No Recovery	2.4
7.5		SSHS-B393-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, some black shiny material (ash), moist, black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	2.1

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BORING B393

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown *(continued)*	
		SSHS-B393-SUB-10-12		No Recovery	1.7
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/8/16 **COMPLETED** 3/8/16
NORTHING 753757.4294 ft **EASTING** 762664.775 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown, trace brick	0.3
2.5		SSHS-B394-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown	0.8
				No Recovery	
				SILTY SAND, SAND, few silt, moist, brown, trace brick	
5.0		SSHS-B394-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), little silt, moist, black	2.2
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, little silt, moist, brown, trace brick	
				No Recovery	0.8
7.5		SSHS-B394-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, trace black shiny material (ash), moist, black	0.7
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B395

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753689.8402 ft **EASTING** 762565.7407 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown, trace brick	7.6
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	2.5
				No Recovery	
5.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	4.8
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to medium gravel, moist, black	2.1
7.5				No Recovery	
		SSHS-B395-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown to black	
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to medium gravel, trace silt, moist, brown	6.2
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to medium gravel, trace silt, dry, gray	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	

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BORING B395

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown *(continued)*	2.5
				No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B396

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/10/16 **COMPLETED** 3/10/16
NORTHING 753642.0787 ft **EASTING** 762583.7192 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	4.2
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, black	2.4
				No Recovery	
5.0		No Sample		SILTY SAND, SAND, few fine to coarse gravel, few silt, wet, brown to gray	1.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown	
7.5		No Sample		Fill	1.8
				No Recovery	
		SSHS-B396-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, wet, brown	2.4

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BORING B396

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, little silt, moist, brown *(continued)*	1.5
				No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B397

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754701.7457 ft **EASTING** 761793.1329 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B397-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	2.8
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B398

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754753.7519 ft **EASTING** 761826.7831 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B398-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	0
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B399

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754771.7678 ft **EASTING** 761874.0825 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B399-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown to black, (SW-SM)	1.7
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B400

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754731.9019 ft **EASTING** 761806.4706 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B400-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	5
					No Recovery	
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B401

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754790.4761 ft **EASTING** 761852.9506 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B401-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	1.7
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B402

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754690.0131 ft **EASTING** 761858.786 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
		SSHS-B402-SUB-0-2	SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine gravel, few silt, few fine sand, moist, brown, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, (SW-SM)	0.7
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, black, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, (SW-SM)	
2.5		SSHS-B402-SUB-0-2			No Recovery	1.2
					Bottom of borehole at 4.0 feet.	
5.0						
7.5						

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BORING B403

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754676.9972 ft **EASTING** 761824.054 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			GW		WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, medium grained, dry to moist, black, (GW)	
		SSHS-B403-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, (SW-SM)	4.3
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, black, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, (SW-SM)	
2.5		SSHS-B403-SUB-2-4			No Recovery	3.5
					Bottom of borehole at 4.0 feet.	
5.0						
7.5						

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BORING B404

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754780.0853 ft **EASTING** 761781.0662 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B404-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, (SW-SM)	2.6
			GW		WELL GRADED GRAVEL, GRAVEL, few sand, dry to moist, white, (GW) powdered rock	
					No Recovery	
2.0					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B405

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754562.2983 ft **EASTING** 761687.8651 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Driller overshot to 2.5', Last 6" discarded

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B405-SS	ML		SILT, SILT, moist, brown, (ML) topsoil	3.8
		SSHS-B405-SUB-0.17-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	4.8
		SSHS-B405-SUB-2-4	SP-SM		POORLY GRADED GRAVEL WITH SILT AND SAND, SAND, few fine sand, few fine to coarse gravel, dry to moist, brown, (SP-SM)	7.1
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, (SW-SM)	
2.5					Bottom of borehole at 2.0 feet.	
5.0						
7.5						

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BORING B406

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754476.6885 ft **EASTING** 761916.7231 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B406-SS	ML		SILT, SILT, moist, brown, (ML) topsoil	3.9
		SSHS-B406-SUB-0.17-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	6.3
					No Recovery	
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B407

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754444.9753 ft **EASTING** 762227.702 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					SILT, SILT, moist, brown	
		SSHS-B407-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	4.8
2.5		SSHS-B407-SUB-2-4			No Recovery	5.4
			SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, (SW-SM)	
			GW		WELL GRADED GRAVEL, GRAVEL, few rock fragments, dry to moist, white, (GW) some wood fibers	
		SSHS-B407-SUB-4-6	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), moist, black, (SW-SM) trace brick	3.6
5.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, few silt, moist, black, (SW-SM) few powdered yellow brick	
		SSHS-B407-SUB-6-8			No Recovery	5.1
7.5					Bottom of borehole at 8.0 feet.	

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BORING B408

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754489.3376 ft **EASTING** 762213.6359 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B408-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, brown to black, (SW-SM) trace brick	1.4
2.5		SSHS-B408-SUB-2-4			No Recovery	3.2
					Bottom of borehole at 4.0 feet.	
5.0						
7.5						

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BORING B409

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754524.9292 ft **EASTING** 762220.294 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B409-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	1
					No Recovery	
2.0					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B40A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/14/15 **COMPLETED** 7/14/15
NORTHING 754982.265 ft **EASTING** 761853.1613 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** A. Gray
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B40-A-SUB-0-2			SILT, trace gravel, trace sand, dry, brown	
					SILT, trace fine to coarse gravel, trace sand, dry, brown	0.3
					SAND, trace fine to coarse gravel, trace silt, moist, brown	
					Wood in the bottom	
					No Recovery	
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B410

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754508.048 ft **EASTING** 762253.5602 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B410-SUB-0-2		WELL GRADED GRAVEL, GRAVEL, few sand, little rock fragments, dry to moist, (GW)	3.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	
				Moist, Fill (powdered red brick)	
2.5				No Recovery	
		SSHS-B410-SUB-2-4			3.9
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B411

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754351.5754 ft **EASTING** 762266.3934 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B411-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, black to brown	2.7
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B412

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754408.9883 ft **EASTING** 762218.9957 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B412-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown, (SW-SM) trace brick, trace black color	6
2.5		SSHS-B412-SUB-2-4		No Recovery	6.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown to black, (SW-SM)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, black, (SW-SM)	
5.0		SSHS-B412-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown, (SW-SM)	4.6
				WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, few fine sand, moist, gray, (GW)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, (SW-SM)	
		SSHS-B412-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, black, (SW-SM)	27.1
				Moist, Fill, (powdered brick)	
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, (SW-SM)	
				No Recovery	
		SSHS-B412-SUB-8-10			36.7

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BORING B412

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to dark brown, (SW-SM)	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B413

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754374.5343 ft **EASTING** 762216.1693 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B413-SUB-0-2			6.9
			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	
				Moist, Fill, (Powdered red brick)	
2.5				No Recovery	
		SSHS-B413-SUB-2-4			4.6
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B414

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754348.9225 ft **EASTING** 762257.0916 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Driller pushed to 3 feet

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					SILT, SILT, moist, brown	
		SSHS-B414-SUB-0-2			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, brown, trace brick	0.7
2.5						
					Bottom of borehole at 3.0 feet.	
5.0						
7.5						

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BORING B415

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754357.2778 ft **EASTING** 762301.5809 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B415-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, little black shiny material (ash), trace silt, moist, brown to black	12.9
2.5				Moist, Fill, (powdered red brick)	
		SSHS-B415-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, more moisture towards base	8.8
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B416

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754352.561 ft **EASTING** 762346.2007 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B416-SUB-0-2		SILT, SILT, moist, brown	2.3
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, few fine sand, trace silt, moist, black, hydrocarbon odor	
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, few fine sand, trace silt, moist, brown to black	
2.5		SSHS-B416-SUB-2-4		No Recovery	3.3
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B417

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754349.8989 ft **EASTING** 762358.7333 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B417-SUB-0-2		Moist, Fill (red brick pieces , powdered brick)	2.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, trace fine to coarse gravel, moist, black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
2.5		SSHS-B417-SUB-2-4		No Recovery	4.1
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B418

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754338.5248 ft **EASTING** 762394.9107 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B418-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown, trace powdered yellow brick	2.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown to black	
2.5		SSHS-B418-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown	3.6
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B419

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754362.6898 ft **EASTING** 762402.2536 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B419-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few fine sand, trace black shiny material (ash), moist, brown	2.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, trace rock fragments, moist, brown	
2.5		SSHS-B419-SUB-2-4			2.8
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B420

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754387.2859 ft **EASTING** 762400.4155 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B420-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, dry to moist, brown to black	3.1
2.5		SSHS-B420-SUB-2-4		No Recovery	2.4
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B421

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754426.4345 ft **EASTING** 762403.4724 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Driller pushed to 8' Last 2' of ore discarded

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B421-SUB-0-2		WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, few fine sand, fine to coarse grained, dry to moist, brown	1.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	
2.5		SSHS-B421-SUB-2-4			1.2
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few sand, few silt, dry to moist, brown	
5.0		SSHS-B421-SUB-4-6			0.9
		SSHS-B421-SUB-6-8			2.2
7.5				Bottom of borehole at 8.0 feet.	

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BORING B422

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754453.3684 ft **EASTING** 762386.4469 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B422-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, some fine sand, few silt, moist, brown	2.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, dry to moist, brown to black, trace yellow powdered brick	
2.5		SSHS-B422-SUB-2-4			4.5
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black	
5.0		SSHS-B422-SUB-4-6			2.4
7.5				Bottom of borehole at 6.0 feet.	

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BORING B423

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754503.6449 ft **EASTING** 762322.9671 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				LEAN CLAY, CLAY, some silt, moist, brown, low plasticity, trace organic matter, grass	
		SSHS-B423-SUB-0-2		WELL GRADED SAND, SAND, little fine to coarse gravel, moist, brown, trace brick	2.7
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to medium gravel, moist, brown to black, trace brick	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B424

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754495.1151 ft **EASTING** 762283.3548 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B424-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist, brown to black, trace grass, little red brick crushed	1.8
2.5		SSHS-B424-SUB-2-4		WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist, black	
2.5				No Recovery	2.1
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B425

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754499.2606 ft **EASTING** 762306.4715 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, trace coarse gravel, moist, brown, trace organic material, (grass roots)	
		SSHS-B425-SUB-0-2			1.9
				POORLY GRADED GRAVEL, GRAVEL, few fine gravel, coarse grained, dry	
				Trace sand, Fill, (Red powdered brick)	
				WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, moist, brown to black, Fill, (Brick)	
2.5		SSHS-B425-SUB-2-4		No Recovery	3.5
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B426

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754510.624 ft **EASTING** 762368.6229 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SANDY ELASTIC SILT, GRAVEL, coarse grained, moist	
				SILT, SILT, moist, brown, topsoil	
		SSHS-B426-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, trace oxidation stains, small pieces of metal	2.8
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B427

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754481.3635 ft **EASTING** 762376.8739 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B427-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, trace black color	2.1
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B428

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754340.9764 ft **EASTING** 762192.1919 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B421-SS		SILT, SILT, moist, brown, (ML) topsoil	5.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, (SW-SM)	
		SSHS-B421-SUB-0.17-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, black, (SW-SM)	4.9
				Fill, (Powdered reddish facing brick)	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B429

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754318.3188 ft **EASTING** 762173.0497 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B421-SS	ML	SILT, SILT, moist, brown, (ML) topsoil	9.8
		SSHS-B421-SUB-0.17-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, few fine sand, moist, brown, (SW-SM) trace broken glass	6.8
				Broken Concrete	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B42A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/15/14 **COMPLETED** 8/15/14
NORTHING 755282 ft **EASTING** 761737 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY A. Wadhawan **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SANDY SILT, fine grained, moist, brown	0
					0
				WELL GRADED SAND WITH GRAVEL, medium to coarse grained, dry to moist, brown and black	0.3
					0.3
					0
2.5					0
					0
					0
				WELL GRADED SAND WITH SILT, fine to coarse grained, moist, brown	0
					0
					0
5.0					0.1
					0.1
					0.1
					0.1
					0.1
7.5					0.1
					0.1
					0.1
					0.1
					0.1

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BORING B42A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT, fine to coarse grained, moist, brown *(continued)*	0
					0
					0.1
					0
				WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.1
12.5					0
					0.1
					0.1
					0.1
				Becomes wet	0.1
15.0				Bottom of borehole at 15.0 feet.	
17.5					
20.0					

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BORING B430

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754422.7338 ft **EASTING** 762136.9704 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B430-SUB-0-2		SILT, SILT, moist, brown, (ML) topsoil	1.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, black, (SW-SM)	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B431

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754342.2517 ft **EASTING** 762330.1759 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample		SILT, SILT, moist, brown	4.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, trace brick, trace black color	
2.5		SSHS-B431-SUB-2-4		No Recovery	5.9
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B432

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754444.2768 ft **EASTING** 762342.5154 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B432-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few fine to coarse gravel, moist, brown to black	1.9
				POORLY GRADED GRAVEL WITH SAND, SAND, few fine gravel, some black shiny material (ash), moist, brown, trace brick	
2.5		SSHS-B432-SUB-2-4		POORLY GRADED SAND WITH GRAVEL, SAND, trace coarse gravel, trace fine sand, trace black shiny material (ash), moist, brown to black, trace brick	
				No Recovery	1.4
		SSHS-B432-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, trace coarse gravel, few fine sand, moist, brown to black, trace red brick powdered	1.2
5.0					
		SSHS-B432-SUB-6-8		SILT, SILT, little sand, moist, brown, hydrocarbon odor, hydrocarbon staining	22.6
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B433

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754437.4711 ft **EASTING** 762330.0575 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B433-SUB-0-2			2.2
				Moist, Fill, (powdered red brick)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	
				Fill, (wood)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, black	
2.5		SSHS-B433-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	
				POORLY GRADED SAND, SAND, trace fine sand, trace silt, moist, brown	1.8
				No Recovery	
				POORLY GRADED SAND, SAND, trace fine sand, trace silt, moist, brown, trace red brick	
		SSHS-B433-SUB-4-6			1.4
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	
				POORLY GRADED SAND WITH SILT, SAND, few fine sand, few silt, moist to wet, brown	
		SSHS-B433-SUB-6-8			1
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B434

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754471.8578 ft **EASTING** 762335.7981 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B434-SUB-0-2		SILT, SILT, moist, brown	2.8
				WELL GRADED SAND WITH GRAVEL, SAND, few coarse gravel, trace fine sand, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few coarse gravel, few fine sand, moist, brown	
				Some coarse gravel, trace sand, Moist red powdered brick	
2.5		SSHS-B434-SUB-2-4		No Recovery	2.8
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B435

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754416.0777 ft **EASTING** 762291.9923 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black	2.6
2.5		No Sample		No Recovery	2.6
		No Sample		POORLY GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, trace fine sand, moist, brown to black, trace brick	3.4
5.0				No Recovery	
		SSHS-B435-SUB-6-8			2.4
7.5				Bottom of borehole at 8.0 feet.	

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BORING B436

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING 754405.9986 ft **EASTING** 762354.6219 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, trace fine sand, moist, brown	1.9
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist, black, hydrocarbon odor, trace brick	
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist, brown to black	
				No Recovery	3.5
5.0		SSHS-B436-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, trace red brick powder	2.5
7.5				Bottom of borehole at 6.0 feet.	

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BORING B437

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/22/16 **COMPLETED** 8/22/16
NORTHING Unknown **EASTING** Unknown
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Repeated refusal at 3'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample		SILT, SILT, moist, brown	2.7
				WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, coarse grained, moist, brown	
				WELL GRADED SAND, SAND, few coarse gravel, few fine sand, moist, brown to black, little brick	
				No Recovery	
2.5		No Sample			3

Refusal at 3.0 feet.
Bottom of borehole at 3.0 feet.

5.0

7.5

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BORING B438

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754245.1337 ft **EASTING** 762218.8995 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B438-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, brown, (SW-SM) trace powdered red brick	5.6
2.5		SSHS-B438-SUB-2-4			1.6
				No Recovery	
		SSHS-B438-SUB-4-6		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM) trace light yellow colored brick powder	
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	5.6
				Black shiny material (ash), few sand	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, brown, (SW-SM) few red powdered brick	
				WELL GRADED GRAVEL, GRAVEL, few fine sand, few silt, dry to moist, gray, (GW)	
		SSHS-B438-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few silt, dry to moist, brown, (SW-SM)	2
7.5				No Recovery	
		SSHS-B438-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM) trace powdered brick red	4
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B439

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754236.7387 ft **EASTING** 762229.1699 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Boring abandoned after hitting water line on second push.

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B439-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	3.6
			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown, (SW-SM)	
2.5		SSHS-B439-SUB-2-4	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	9.5
				No Recovery	

Bottom of borehole at 4.0 feet.

5.0

7.5

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BORING B439B

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/12/16 **COMPLETED** 9/15/16
NORTHING 754236.7387 ft **EASTING** 762229.1699 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 6 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					SILT, SILT, moist, brown, topsoil	
		PID			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, little fine to coarse gravel, moist, brown	0.1
2.5		PID				0.1
5.0		PID			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), little fine to coarse gravel, moist, brown, hydrocarbon odor, trace concrete pieces	1.1
7.5		PID			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist to wet, brown to black	0.2
		PID			POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, some fine to coarse gravel, moist, brown, geoprobed from 8'-10'	5.8
					No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B43A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/15/14 **COMPLETED** 8/15/14
NORTHING 755390 ft **EASTING** 761687 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY A. Wadhawan **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			POORLY GRADED SAND WITH SILT, fine grained, moist, brown	0.1
				7.1
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, dry, brown and black	3.5
				2.3
				2.3
2.5				0.8
				0.7
			SANDY LEAN CLAY, trace gravel, trace cobbles, moist, gray and brown, medium plasticity	0.4
				0.7
			POORLY GRADED SAND, fine to coarse grained, moist, brown	0.7
5.0				0.5
				0.1
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.1
				0.1
			POORLY GRADED SAND, trace gravel, medium to coarse grained, moist, brown	0.1
7.5				0.1
				0.1
				0.1
				0.1
				0.1

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BORING B43A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.1
				0.1
				0.1
				0.1
				0.1
12.5				0.1
				0.1
				0.1
				0.1
				0.1
15.0			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, saturated, brown	
17.5				
20.0			Bottom of borehole at 20.0 feet.	

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BORING B440

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754248.891 ft **EASTING** 762255.137 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B440-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, (SW-SM) little black color	5.8
2.5		SSHS-B440-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black, (SW-SM) trace red powdered brick	15.2
				No Recovery	
		SSHS-B440-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black, (SW-SM)	12.5
5.0					
		SSHS-B440-SUB-6-8		No Recovery	8.2
7.5					
		SSHS-B440-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black, (SW-SM)	7.4
				Dry to moist, powdered light reddish rock (facing brick)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace	

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BORING B440

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				black shiny material (ash), few silt, dry to moist, black, (SW-SM)	
				No Recovery	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B441

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754283.2983 ft **EASTING** 762212.9247 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B441-SUB-0-2	ML	SILT, SILT, moist, brown, (ML) topsoil	1.2
			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few black shiny material (ash), moist, brown to black, (SW-SM)	
				Fill, (powdered red brick)	
2.5		SSHS-B441-SUB-2-4		No Recovery	2.4
		SSHS-B441-SUB-4-6	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown to black, (SW-SM)	2
5.0			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, light brown, (SW-SM) trace black color	
		SSHS-B441-SUB-6-8		No Recovery	1.7
7.5			GP	POORLY GRADED GRAVEL, GRAVEL, few sand, dry to moist, black, (GP) few brick	
		SSHS-B441-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist	1.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B442

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754274.5742 ft **EASTING** 762243.389 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B442-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few silt, few fine sand, dry to moist, brown, (SW-SM)	0.3
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, few silt, trace black shiny material (ash), moist, brown to black, (SW-SM)	
2.5		SSHS-B442-SUB-2-4	GW		WELL GRADED GRAVEL, GRAVEL, coarse grained, dry to moist, red, (GW) powdered in some places	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	0.2
					No Recovery	
5.0		SSHS-B442-SUB-4-6	GP		POORLY GRADED GRAVEL, GRAVEL, few sand, dry to moist, brown, (GP)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine sand, few silt, few fine to coarse gravel, moist to wet, brown, (SW-SM)	0.3
			SW		WELL GRADED SAND WITH GRAVEL, SAND, few fine sand, some black shiny material (ash), moist, black, (SW)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, light brown, (SW-SM)	
					No Recovery	
7.5		SSHS-B442-SUB-6-8				0.3
		SSHS-B442-SUB-8-10	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, trace black shiny material (ash), few silt, moist to wet, brown, (SW-SM)	1.4
					No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B443

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/14/16 **COMPLETED** 9/15/16
NORTHING 754227.0804 ft **EASTING** 762208.5932 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 6 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD Grab
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
		SSHS-B443-SUB-0-2				0.2
2.5		SSHS-B443-SUB-2-4				2.3
5.0		SSHS-B443-SUB-4-6				0.3
		SSHS-B443-SUB-6-8				0.2
7.5		SSHS-B443-SUB-8-10				1.2

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BORING B444

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754251.7671 ft **EASTING** 762211.2108 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B444-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM) few black color	18.4
				No Recovery	
2.5		SSHS-B444-SUB-2-4			7
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM)	
		SSHS-B444-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM)	6.1
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, black, (SW-SM) trace red powdered brick	
		SSHS-B444-SUB-6-8			5.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM) few red powdered brick	
7.5				No Recovery	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM)	
		SSHS-B444-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, trace black shiny material (ash), few silt, few fine to coarse gravel, moist, brown, (SW-SM)	5.1
				No Recovery	

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BORING B444

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B445

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/26/16 **COMPLETED** 8/26/16
NORTHING 754372.597 ft **EASTING** 762187.939 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B445-SS	ML	SILT, SILT, moist, brown, (ML) topsoil	3.9
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B446

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING Unknown **EASTING** Unknown
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample	ML		SILT, SILT, moist, brown, (ML) topsoil	3.3
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	
2.5		No Sample			No Recovery	3
			SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	
5.0		No Sample	GW		WELL GRADED GRAVEL, GRAVEL, little silt, dry to moist, (GW) little powdered gravel	3.9
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few fine to coarse gravel, few silt, moist, black, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM) trace brick	14.6
7.5		No Sample			No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	
		SSHS-B440-SUB-8-10				13
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, (SW-SM)	
					No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B447

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754607.7748 ft **EASTING** 761984.6402 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B447-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black, (SW-SM)	8.1
					No Recovery	
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754523.6772 ft **EASTING** 762136.7755 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B448-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	3.4
					No Recovery	
2.0					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754738.9211 ft **EASTING** 762018.3887 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B449-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM) trace powdered red brick	0.8
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown to black, (SW-SM)	
2.5					Bottom of borehole at 2.0 feet.	
5.0						
7.5						

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BORING B450

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754422.303 ft **EASTING** 762176.465 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B450-SUB-0-2	SW-SM		SILT, SILT, moist, brown	4.4
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	
					No Recovery	
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B451

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754368.2859 ft **EASTING** 762425.8657 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES BORING ABANDONED

DEPTH (ft)	RUN RECOVERY	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0				SILT, SILT, moist, brown
				WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, trace fine sand, moist, brown
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, few silt, dry to moist, brown
2.5				No Recovery
				Bottom of borehole at 4.0 feet.
5.0				
7.5				

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BORING B451-A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/27/16 **COMPLETED** 9/27/16
NORTHING 754368.2859 ft **EASTING** 762425.8657 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 4 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD Split spoon Sampler
UTILITY CONTRACTOR ---
RIG TYPE CME55
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, few fine sand, dry to moist, brown	
		SSHS-B451-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, few fine sand, moist, brown to black	1
2.5		SSHS-B451-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown	1.4
5.0		SSHS-B451-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown	0.6
		SSHS-B451-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, rock fragments, moist, brown	0.9
7.5		SSHS-B451-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, rock fragments, moist, brown	0.5

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BORING B451-A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B451-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, moist, brown	0.6
12.5		SSHS-B451-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, moist, brown	0.5
15.0		SSHS-B451-SUB-14-16		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, moist, brown	7.6
		SSHS-B451-SUB-16-18		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, moist, brown WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, dry, brown WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, moist, brown	0.9
17.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, fine sand, moist to wet, brown to gray	
		SSHS-B451-SUB-18-20		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, fine sand, moist to wet, gray WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, some fine to coarse gravel, fine sand, moist to wet, gray	101.2
20.0				Bottom of borehole at 20.0 feet.	

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BORING B452

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/27/16 **COMPLETED** 9/27/16
NORTHING 754425.7002 ft **EASTING** 762399.9451 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 4 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD Split spoon sampler
UTILITY CONTRACTOR ---
RIG TYPE CME55
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Recheck

DEPTH (ft)	MATERIAL DESCRIPTION
0.0	
2.5	
5.0	
7.5	

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BORING B452

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	MATERIAL DESCRIPTION
10.0	
12.5	
15.0	
17.5	
20.0	

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BORING B453

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754337.4856 ft **EASTING** 762074.7809 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B453-SUB-0-2		GRAVELLY SILT, SILT, some gravel, few sand, moist, brown to black, (ML)	1.36
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B454

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754348.1152 ft **EASTING** 762104.4687 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B454-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, (SW-SM)	3.7
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B455

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754257.6431 ft **EASTING** 762054.3074 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B455-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	61.5
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, black, (SW-SM)	
2.5		SSHS-B455-SUB-2-4	SM		SILTY SAND WITH GRAVEL, SAND, little silt, few coarse gravel, moist, brown, (SM)	2.2
		SSHS-B455-SUB-4-6			No Recovery	1.5
5.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	
		SSHS-B455-SUB-6-8	SP-SM		POORLY GRADED GRAVEL WITH SILT AND SAND, SAND, few silt, few fine gravel, moist, brown, (SP-SM)	0.9
7.5					No Recovery	
		SSHS-B455-SUB-8-10	SP-SM		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, moist, brown, (SP-SM)	3.1
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, black, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	

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BORING B455

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B455-SUB-10-12			No Recovery No Recovery *(continued)*	1.4
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	
12.5		SSHS-B455-SUB-12-14				5
					No Recovery	

Bottom of borehole at 14.0 feet.

10.0
12.5
15.0
17.5
20.0

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BORING B456

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754284.4737 ft **EASTING** 762042.0153 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B456-SUB-0-2	SM		SILTY SAND WITH GRAVEL, SAND, little silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to black, (SM)	1
2.5		SSHS-B456-SUB-2-4			No Recovery	1.4
		SSHS-B456-SUB-4-6	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	
5.0			SP-SM		POORLY GRADED SAND WITH SILT, SAND, few silt, trace fine gravel, moist, brown, (SP-SM)	3.1
					No Recovery	
					Bottom of borehole at 6.0 feet.	
7.5						

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BORING B457

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754317.8331 ft **EASTING** 762030.576 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B457-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	2.6
2.5			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few black shiny material (ash), moist, black, (SW-SM) few powdered red brick	
					Bottom of borehole at 2.0 feet.	
5.0						
7.5						

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BORING B458

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754325.9206 ft **EASTING** 762052.9741 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B458-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown to black, (SW-SM) trace rust color	0.7
					No Recovery	
2.0					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B459

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/13/16 **COMPLETED** 9/13/16
NORTHING Unknown **EASTING** Unknown
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 6 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD Grab
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
		SSHS-B459-SUB-0-2				0.1
2.5		SSHS-B459-SUB-2-4				0.1
5.0		SSHS-B459-SUB-4-6				0
7.5						

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BORING B460

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754285.2178 ft **EASTING** 762137.9052 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 1.5'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B460-SUB-0-2			2.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	
				Refusal at 1.5'	
				Refusal at 1.5 feet. Bottom of borehole at 1.5 feet.	
2.5					
5.0					
7.5					

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BORING B461

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754258.6622 ft **EASTING** 762168.3933 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B461-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	0.8
2.5		SSHS-B461-SUB-2-4	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, (SW-SM)	0.4
			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist, brown, (SW-SM)	
				Refusal at 3.08'	
				Bottom of borehole at 3.1 feet.	
5.0					
7.5					

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BORING B462

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754216.9082 ft **EASTING** 762206.8668 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 2.5'

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B462-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM) trace brick	0.4
		SSHS-B462-SUB-2-4	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM) trace pieces of yellow facing brick	0.3
2.5					Refusal	
5.0					Refusal at 2.5 feet. Bottom of borehole at 2.5 feet.	
7.5						

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BORING B463

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754233.1999 ft **EASTING** 762194.4847 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 2.75'

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B463-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	0.1
		SSHS-B463-SUB-2-4	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, (SW-SM)	0.2
2.5					Refusal	
					Refusal at 2.8 feet. Bottom of borehole at 2.8 feet.	
5.0						
7.5						

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BORING B464

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754157.7475 ft **EASTING** 762113.8094 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B464-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM) trace wood	0.8
2.5		SSHS-B464-SUB-2-4			No Recovery	1.4
			SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	
		SSHS-B464-SUB-4-6	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM)	3.2
5.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, (SW-SM)	
		SSHS-B464-SUB-6-8			No Recovery	5.2
7.5					Bottom of borehole at 8.0 feet.	

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BORING B465

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/12/16 **COMPLETED** 9/12/16
NORTHING Unknown **EASTING** Unknown
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 6 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD Grab
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0						
2.5		SSHS-B465-SUB-0-2				0.1
5.0		SSHS-B465-SUB-2-4				0.3
7.5						

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BORING B466

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754135.4623 ft **EASTING** 762211.1607 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B466-SUB-0-2		WELL GRADED GRAVEL, GRAVEL, coarse grained, dry, (GW)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	6.1
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B467

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754158.9395 ft **EASTING** 762219.7308 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT WITH GRAVEL, SILT, few gravel, few sand, moist, brown, (ML)	
		SSHS-B467-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, little black shiny material (ash), moist, brown to black, (SW-SM)	7.4
2.5		SSHS-B467-SUB-2-4			3.2
				No Recovery	
		SSHS-B467-SUB-4-6	GW	WELL GRADED GRAVEL WITH SAND, GRAVEL, some fine to coarse sand, fine to coarse grained, dry to moist, brown	9.5
5.0					
		SSHS-B467-SUB-6-8		No Recovery	6.7
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B468

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754257.1921 ft **EASTING** 762121.3286 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, few silt, moist, brown to black, (SW-SM) trace black color	8.5
			GW		WELL GRADED GRAVEL, GRAVEL, trace sand, dry to moist, white to brown, (GW) Gravel is powdered in places	
			SW-SM		WELL GRADED SAND, SAND, few silt, few fine sand, trace fine gravel, moist, brown to black, (SW-SM)	
2.5		No Sample				5
					Loose, No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, few fine sand, few silt, moist, brown, (SW-SM)	
			SW		WELL GRADED SAND, SAND, few silt, few fine sand, trace fine gravel, moist, brown to black, (SW)	
5.0		SSHS-B468-SUB-4-6				4.7
			SM		SILTY SAND, SAND, some fine sand, few silt, moist, yellow to brown, (SM)	
7.5					Bottom of borehole at 6.0 feet.	

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BORING B469

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754144.8454 ft **EASTING** 762117.692 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B469-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist, brown, (SW-SM)	4
2.5		SSHS-B469-SUB-2-4			No Recovery	7.9
		SSHS-B469-SUB-4-6	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, reddish brown to black, (SW-SM) some woody material	
5.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, (SW-SM) little black color	10.8
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown to black, (SW-SM)	
7.5		SSHS-B469-SUB-6-8			No Recovery	6.1
		SSHS-B469-SUB-8-10	SW		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, coarse grained, dry, reddish brown, (SW)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown, (SW-SM)	4.8
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to reddish brown, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown, (SW-SM)	

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BORING B469

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown, (SW-SM) *(continued)*	
		SSHS-B469-SUB-10-12			No Recovery	4
			SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	
12.5		SSHS-B469-SUB-12-14	GW		WELL GRADED GRAVEL WITH SAND, GRAVEL, some sand, dry to moist, gray, (GW)	4.4
					No Recovery	
					Bottom of borehole at 14.0 feet.	
15.0						
17.5						
20.0						

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BORING B470

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754120.6634 ft **EASTING** 762125.8442 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample	SW-SM		Dry to moist, Fill, (Powdered Red Brick)	4.6
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little black shiny material (ash), few fine to coarse gravel, dry to moist, brown, (SW-SM)	
2.5		No Sample				2.8
					No Recovery	
			SW		Loose, WELL GRADED SAND, SAND, dry to moist, reddish brown, (SW)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM) trace powdered red brick	
5.0		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist, brown to black, (SW-SM)	5.8
		SSHS-B470-SUB-6-8				1.2
7.5					No Recovery	
			SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown, (SW-SM) few brick pieces	
		SSHS-B470-SUB-8-10				6.3
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown to black, (SW-SM) trace powdered red brick	

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BORING B470

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown to black, (SW-SM) trace powdered red brick *(continued)*	
		SSHS-B470-SUB-10-12	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown to black, (SW-SM) trace powdered gravel dust	2.2
			SW-SM		No Recovery	
12.5		SSHS-B470-SUB-12-14	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM) little brick pieces	4.4
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist to wet, brown to black, (SW-SM)	
12.5						
					Bottom of borehole at 14.0 feet.	
15.0						
17.5						
20.0						

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BORING B471

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754310.2244 ft **EASTING** 762109.0053 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 10'

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown, (SW-SM) trace black color	4.1
2.5		No Sample			No Recovery	3.6
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown, (SW-SM)	
5.0		No Sample				5.5
		SSHS-B471-SUB-6-8				3.5
7.5					Fill, (powdered red brick)	
			GW-GM		No Recovery	
		SSHS-B471-SUB-8-10			WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, little sand, few silt, coarse grained, dry to moist, black, (GW-GM) some powdered red brick	3.5
					No Recovery	

Refusal at 10.0 feet.
Bottom of borehole at 10.0 feet.

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BORING B472

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754309.4391 ft **EASTING** 762073.5582 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML)	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few sand, few silt, moist, brown, (SW-SM)	9.9
2.5		No Sample			No Recovery	10.9
		No Sample	SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few sand, few silt, moist, brown, (SW-SM)	7.7
5.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few sand, few silt, moist, brown to black, (SW-SM)	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few sand, few silt, moist, yellow to brown, (SW-SM)	
7.5					No Recovery	7.7
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few sand, few silt, moist, brown, (SW-SM)	
		SSHS-B470-SUB-8-10	SP		POORLY GRADED SAND, SAND, trace fine gravel, moist, brown, (SP)	6.9
					No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B473

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754206.8327 ft **EASTING** 762076.7586 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B473-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown, (SW-SM)	2.4
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, black, (SW-SM)	
2.5		SSHS-B473-SUB-2-4				0.5
					LEAN CLAY, CLAY, moist, brown, medium plasticity, cohesive	
					No Recovery	
		SSHS-B473-SUB-4-6	ML		SILT WITH SAND, SILT, few fine to medium gravel, little sand, moist, brown to black, (ML)	1.1
5.0						
			SM		SILTY SAND, SAND, little silt, few fine to medium gravel, moist, brown, (SM)	
		SSHS-B473-SUB-6-8			No recovery	0.9
7.5						
			SM		SILTY SAND WITH GRAVEL, SAND, little silt, few fine to medium gravel, moist, brown to black, (SM)	
		SSHS-B473-SUB-8-10	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM)	1.1

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BORING B473

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B473-SUB-10-12			No Recovery	0.9
12.5		SSHS-B473-SUB-12-14	ML SW-SM		SILTY SAND WITH GRAVEL, SAND, little silt, few fine to medium gravel, moist, brown, (ML) WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM) No Recovery	1.1
15.0					Bottom of borehole at 14.0 feet.	
17.5						
20.0						

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BORING B474

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754186.2875 ft **EASTING** 762105.0434 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, brown to black, (SW-SM)	4
			GW		WELL GRADED GRAVEL, GRAVEL, dry, white, (GW) Gravel is powdered and broken in places	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, brown to black, (SW-SM)	
2.5		No Sample				3.7
					Moist, Powdered red brick	
					No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, trace black shiny material (ash), few fine sand, dry to moist, white to gray, (SW-SM)	
5.0		No Sample				7.3
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, brown to black, (SW-SM)	
		No Sample				23.1
7.5						
			SW-SM		No Recovery	
					Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown, (SW-SM)	
		SSHS-B474-SUB-8-10	SW-SM			5.8
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown to black, (SW-SM)	
			SW-			

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BORING B474

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, light brown, (SW-SM) *(continued)*	
		SSHS-B474-SUB-10-12			No Recovery	6.9
					Bottom of borehole at 12.0 feet.	
12.5						
15.0						
17.5						
20.0						

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BORING B475

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754123.0228 ft **EASTING** 762150.5883 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, (SW-SM) trace powdered, broken gravel	
		No Sample				2.8
2.5		No Sample				2.3
					No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown to black, (SW-SM)	
5.0		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, black, (SW-SM)	4.8
			SW-SM		Dry to moist, Fill, (Powdered red brick, Red brick pieces)	
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM)	
		No Sample	SM		SILTY SAND, SAND, little silt, moist, brown, (SM) poorly graded	4.4
7.5					No Recovery	
		SSHS-B475-SUB-8-10	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM) few powdered red brick	3.5

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BORING B475

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM) few powdered red brick *(continued)*	
		SSHS-B475-SUB-10-12			No Recovery	4.3
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown to black, (SW-SM) trace brick	
		SSHS-B475-SUB-12-14	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown to black, (SW-SM)	2.7
					Bottom of borehole at 14.0 feet.	

10.0
12.5
15.0
17.5
20.0

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BORING B476

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754181.2707 ft **EASTING** 762189.6566 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample				4
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to black, (SW-SM)	
2.5		No Sample				2.4
					No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	
5.0		No Sample				2.5
		SSHS-B476-SUB-6-8				3.4
					No Recovery	
7.5						
					Bottom of borehole at 8.0 feet.	

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BORING B477

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754186.1596 ft **EASTING** 762216.8522 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil, few wood mulch pieces	
		SSHS-B477-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to coarse gravel, few fine sand, few silt, dry to moist, brown, (SW-SM)	1
2.5		SSHS-B477-SUB-2-4	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to coarse gravel, few fine sand, few silt, dry to moist, black, (SW-SM)	3.4
					No Recovery	
		SSHS-B477-SUB-4-6	SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to medium gravel, few fine sand, few silt, moist, brown, (SW-SM) few wood mulch pieces, trace brick	4
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, (SW-SM) trace brick	
5.0			GP		POORLY GRADED GRAVEL, GRAVEL, dry, (GP) poorly graded	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, (SW-SM)	
					No Recovery	
		SSHS-B477-SUB-6-8				3.7
7.5						

Bottom of borehole at 8.0 feet.

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BORING B478

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/25/16 **COMPLETED** 8/25/16
NORTHING 754270.4074 ft **EASTING** 762070.621 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM) trace black color	4.3
2.5		No Sample				6.1
					No Recovery	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	6.1
5.0						
		SSHS-B478-SUB-6-8				16.5
7.5					No Recovery	
		SSHS-B478-SUB-8-10	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, black, (SW-SM)	20.1
			GW		WELL GRADED GRAVEL, (GW) broken powdered concrete	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	

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BORING B478

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0						
		SSHS-B478-SUB-10-12	GW		WELL GRADED GRAVEL, (GW) broken powdered concrete	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	3.5
					No Recovery	
12.5		SSHS-B478-SUB-12-14	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	18.1
					No Recovery	
					Bottom of borehole at 14.0 feet.	
15.0						
17.5						
20.0						

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BORING B479

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754165.6778 ft **EASTING** 762144.9287 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B479-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist, brown, (SW-SM) trace brick	5.8
2.5		No Sample	SW-SM		WELL GRADED SAND WITH SILT, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown, (SW-SM) trace brick	4.1
					No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine to coarse gravel, few fine sand, moist, brown, (SW-SM) trace powdered pink brick like material	
5.0		SSHS-B479-SUB-4-6				4.4
		SSHS-B479-SUB-6-8				3.3
7.5					No Recovery	
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	
		No Sample				1.6

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BORING B479

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B479-SUB-10-12			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine to coarse gravel, few fine sand, moist, brown, (SW-SM) *(continued)*	4
			SW-SM		No Recovery	
12.5		SSHS-B479-SUB-12-14			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, (SW-SM)	4.5
					Bottom of borehole at 14.0 feet.	
15.0						
17.5						
20.0						

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BORING B480

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 754138.2291 ft **EASTING** 762158.2764 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM)	2.8
2.5		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few black shiny material (ash), dry to moist, brown, (SW-SM)	2.3
					No Recovery	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, little fine to coarse gravel, dry to moist, brown, (SW-SM)	8.1
5.0						
		No Sample				8
					No Recovery	
7.5			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, little fine to coarse gravel, dry to moist, brown, (SW-SM) trace powdered red brick	
		No Sample				9.1

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BORING B480

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B480-SUB-10-12			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, little fine to coarse gravel, dry to moist, brown, (SW-SM) trace powdered red brick *(continued)*	5.7
					No Recovery	
12.5		SSHS-B480-SUB-12-14	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, little fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	3.9
					Bottom of borehole at 14.0 feet.	
15.0						
17.5						
20.0						

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BORING B481

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754240.7771 ft **EASTING** 762100.195 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B481-SS	ML		SILT, SILT, moist, brown, (ML) topsoil	3.7
					Bottom of borehole at 0.2 feet.	
2.5						
5.0						
7.5						

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BORING B482

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/24/16 **COMPLETED** 8/24/16
NORTHING 754249.7753 ft **EASTING** 762079.3007 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) Topsoil	
		No Sample	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM) trace black color	6.2
2.5		No Sample			No Recovery	8.4
		No Sample	SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few silt, moist, black, (SW-SM)	
			GW		WELL GRADED GRAVEL, GRAVEL, dry, white, (GW) few powdered rock	10.2
5.0			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, (SW-SM)	
		No Sample			No Recovery	11.8
7.5			SW-SM		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, black, (SW-SM)	
		No Sample	GW		WELL GRADED GRAVEL, GRAVEL, dry to moist, white, (GW) few powdered rock	6.8
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, light brown, (SW-SM)	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			GW-GM		WELL GRADED GRAVEL WITH SILT, GRAVEL, few fine sand, few sand, dry to moist, (GW-GM) few powdered rock	
		SSHS-B482-SUB-10-12	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, black, (SW-SM)	4.2
					No Recovery	
12.5			GW-GM		WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, few fine gravel, few sand, few silt, gray to black, (GW-GM)	
		SSHS-B482-SUB-12-14	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, yellow to brown, (SW-SM)	2.8
15.0					Bottom of borehole at 14.0 feet.	
17.5						
20.0						

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BORING B483

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 753999.9523 ft **EASTING** 762544.7575 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B483-SUB-0-2			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, trace black shiny material (ash), few silt, few fine to coarse gravel, dry to moist, brown	4.6
2.5					Bottom of borehole at 2.0 feet.	
5.0						
7.5						

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BORING B484

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754026.8033 ft **EASTING** 762561.2181 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B484-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry, brown, trace red brick powder	6.1
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B485

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754057.2403 ft **EASTING** 762556.5679 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B485-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, dry to moist, brown, trace red brick pieces	5.7
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B486

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754110.0916 ft **EASTING** 762547.4366 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B486-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	15.5
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B487

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754131.3515 ft **EASTING** 762543.6749 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B487-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown to black, (SW-SM) trace powdered red brick	1.2
2.0				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B488

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754154.5366 ft **EASTING** 762532.0691 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, dry to moist, brown	
		SSHS-B488-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few fine to coarse gravel, few silt, moist, brown	1.1
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B489

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754184.6335 ft **EASTING** 762520.1589 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B489-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, trace black shiny material (ash), few fine to coarse gravel, few silt, moist, brown to black	3.3
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B490

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754215.6306 ft **EASTING** 762511.532 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B490-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, black to black, (SW-SM)	1.2
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B491

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754234.4367 ft **EASTING** 762507.1305 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, dry to moist, brown, (ML) topsoil	
			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), dry to moist, brown, (SW-SM)	
		SSHS-B491-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown to black, (SW-SM)	2.9
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B492

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754256.2385 ft **EASTING** 762513.0935 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B492-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM)	0.7
			SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	
2.0					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B493

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754295.1916 ft **EASTING** 762487.9365 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
					Fill, (Powdered yellow brick)	
		SSHS-B493-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, (SW-SM) few powdered red brick	2.2
					Bottom of borehole at 2.0 feet.	
2.5						
5.0						
7.5						

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BORING B494

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754302.995 ft **EASTING** 762403.5826 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					SILT, SILT, moist, brown, topsoil	
		SSHS-B494-SUB-0-2			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, dry to moist, brown	2.6
2.5					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, moist, brown to black	
					Bottom of borehole at 2.0 feet.	
5.0						
7.5						

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BORING B495

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754294.4308 ft **EASTING** 762381.41 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Driller pushed to 3' , Last 1' of core discarded

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SILT, SILT, moist, brown	0.0
				WELL GRADED GRAVEL WITH SAND, GRAVEL, few fine sand, fine to coarse grained, dry to moist, brown	
		SSHS-B495-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, few fine sand, moist, brown, hydrocarbon staining	0.6
2.5					
5.0					
7.5					

Bottom of borehole at 2.0 feet.

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BORING B496

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754284.3837 ft **EASTING** 762350.967 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown	
		SSHS-B496-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown to black, hydrocarbon staining, few powdered yellow and red brick	0.8
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B497

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754254.5897 ft **EASTING** 762349.3178 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B497-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown, (SW-SM)	1.9
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754228.8372 ft **EASTING** 762360.095 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML	SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B498-SUB-0-2	SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM)	0.6
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B499

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754048.3177 ft **EASTING** 762594.3923 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					ASPHALT	
		SSHS-B480-SUB-0-2			WELL GRADED SAND WITH GRAVEL, SAND, with gravel, few silt, moist, brown	0.5
2.5		No Sample			SILT WITH GRAVEL, SILT, few gravel, moist, brown	1.3
					No Recovery	
		No Sample			SILTY SAND WITH GRAVEL, SILTY SAND, with fine gravel, moist, brown	6.4
5.0					SILT, SILT, moist, brown	
		SSHS-B499-SUB-6-8			SILT WITH GRAVEL, SILT, some gravel, moist, black	750.3
					No Recovery	
7.5					SILT WITH GRAVEL, SILT, some gravel, moist, black	
		SSHS-B499-SUB-8-10			SILTY SAND, SILT, some sand, few gravel, dry, brown	446.7
					No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B500

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754085.3597 ft **EASTING** 762626.1848 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B500-SUB-0-2		WELL GRADED SAND WITH SILT, SAND, few silt, few fine to coarse gravel, few silt, dry to moist, brown to black	12.4
				WELL GRADED SAND WITH SILT, SAND, few silt, few fine to coarse gravel, few silt, dry to moist, brown	
2.5		No Sample		No Recovery	18.8
				WELL GRADED SAND WITH SILT, SAND, few silt, few fine to coarse gravel, few silt, dry to moist, brown	
5.0		No Sample		SILTY SAND, SAND, few silt, moist, brown	7.9
		SSHS-B500-SUB-6-8		SILTY SAND, SAND, few silt, moist, brown to gray, hydrocarbon odor, sheen, oily feel	34.8
7.5				No Recovery	
		SSHS-B500-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine sand, few fine to medium gravel, dry to moist, brown	
				POORLY GRADED SAND WITH SILT, SAND, few silt, moist, brown, SP	
				SILTY SAND, SAND, little fine sand, little silt, moist to wet, brown, SM	
				SILT WITH SAND, SILT, little sand, moist to wet, brown to gray, hydrocarbon odor, ML	

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BORING B500

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B500-SUB-10-12		SILT WITH SAND, SILT, little sand, moist to wet, brown to gray, hydrocarbon odor, ML *(continued)*	380.2
10.0				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B501

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754080.4669 ft **EASTING** 762603.7384 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown to black, topsoil	
		SSHS-B501-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist to wet, black	10.1
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B502

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754265.7626 ft **EASTING** 762488.0885 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		No Sample			1.9
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM)	
				WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, few fine sand, few silt, fine to coarse grained, dry to moist, brown, (GW-GM)	
				No Recovery	
2.5		SSHS-B502-SUB-2-4			1.7
2.5				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B503

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754235.9132 ft **EASTING** 762454.9309 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown	1.4
2.5		SSHS-B500-SUB-2-4		No Recovery	0.8
5.0		SSHS-B500-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown, trace powdered red brick	0.8
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B504

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754285.4337 ft **EASTING** 762429.3716 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample			0.2
				POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
2.5		SSHS-B504-SUB-2-4			0.2
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B505

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754174.0745 ft **EASTING** 762501.6368 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample			1.1
2.5		SSHS-B505-SUB-2-4			2.7
				No Recovery	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	
5.0		SSHS-B505-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine sand, few fine to medium gravel, dry to moist, gray	
				Fill, (piece of wood with some black material adhering to the surface)	1208
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine sand, few fine to medium gravel, moist to wet, brown	
7.5					

Bottom of borehole at 6.0 feet.

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BORING B506

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754129.4173 ft **EASTING** 762516.2632 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist, brown, trace red powdered brick	1.2
2.5		SSHS-B506-SUB-2-4			1.7
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B507

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754096.9462 ft **EASTING** 762534.1083 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown to gray, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little black shiny material (ash), few fine to coarse gravel, moist, black	0.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	
2.5		No Sample		No Recovery	0.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	
5.0		SSHS-B507-SUB-4-6		WELL GRADED GRAVEL WITH SAND, GRAVEL, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	0.2
				No Recovery	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B508

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754112.7897 ft **EASTING** 762507.419 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown to black, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, trace red brick powder	0.7
2.5		No Sample		No Recovery	0.6
		SSHS-B508-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown	0.5
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B509

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754101.2409 ft **EASTING** 762595.4073 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, dry to moist, brown, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black	416.2
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	579
				No Recovery	
5.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black	1758
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown to black	
7.5		SSHS-B509-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, hydrocarbon odor	555.1
				No Recovery	
		SSHS-B509-SUB-8-10		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, gray to brown, hydrocarbon odor, oily sheen	295.5

Bottom of borehole at 10.0 feet.

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BORING B510

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754061.1425 ft **EASTING** 762622.4955 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, black	
2.5		No Sample		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	0.2
				No Recovery	
		No Sample		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	0.5
5.0				POORLY GRADED SAND, SAND, moist, gray, hydrocarbon odor	
		SSHS-B510-SUB-6-8		No Recovery	245.7
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
		SSHS-B510-SUB-8-10		POORLY GRADED SAND, SAND, few silt, moist, gray, hydrocarbon odor	155.6

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				POORLY GRADED SAND, SAND, few silt, moist, gray, hydrocarbon odor *(continued)*	
		SSHS-B510-SUB-10-12		POORLY GRADED SAND WITH SILT, SAND, few silt, moist, brown	258.3
				No Recovery	
				POORLY GRADED SAND, SAND, moist, brown	
12.5		SSHS-B510-SUB-12-14		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist to wet, brown, hydrocarbon odor	521
		SSHS-B510-SUB-14-16		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, gray to black, hydrocarbon odor	1128
15.0				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
		SSHS-B510-SUB-16-18		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist to wet, gray to black	561.3
17.5					
		SSHS-B510-SUB-18-20		No Recovery	256.7
20.0					
		SSHS-B510-SUB-20-22		WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, few sand, few silt, fine to coarse grained, wet, slight sheen	33.7

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
22.5		SSHS-B510-SUB-22-24		WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, few sand, few silt, fine to coarse grained, wet, slight sheen *(continued)* No Recovery	3.7
				Bottom of borehole at 24.0 feet.	
25.0					
27.5					
30.0					
32.5					

22.5

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BORING B511

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/31/16 **COMPLETED** 8/31/16
NORTHING 754198.5541 ft **EASTING** 762378.2999 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B511-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM) trace powdered red brick	0
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754062.6087 ft **EASTING** 762579.5376 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, with silt, few gravel, moist, brown	9.4
				SILT WITH GRAVEL, SILT, few gravel, moist, reddish brown	
2.5		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, few silt, some gravel, moist, brown	2.1
				No Recovery	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, few silt, some gravel, moist, brown	3.4
5.0				WELL GRADED GRAVEL, GRAVEL, dry, gray, angular	
				SILT WITH SAND, SILT, few sand, moist, brown	
				Black shiny material (ash), moist	
				SILT, SILT, few gravel, few sand, moist, brown	
				SILT, SILT, moist, black, hydrocarbon odor	
		No Sample		No Recovery	330.6
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	
		SSHS-B512-SUB-8-10		POORLY GRADED SAND WITH SILT, SAND, few silt, moist to wet, brown to gray, hydrocarbon odor	890.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
				POORLY GRADED SAND WITH SILT, SAND, few silt, few fine sand, moist to wet, gray to brown	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B513

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/1/16 **COMPLETED** 9/1/16
NORTHING 754092.0096 ft **EASTING** 762575.6971 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, hydrocarbon odor	8.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown to black	
2.5		No Sample		No Recovery	48.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	
5.0		No Sample			51.5
				POORLY GRADED SAND WITH SILT, SAND, few silt, moist, brown to gray	
		No Sample			417.2
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	
		SSHS-B510-SUB-8-10			51.6
				POORLY GRADED SAND WITH SILT, SAND, few silt, moist, brown	

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BORING B513

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				POORLY GRADED SAND WITH SILT, SAND, few silt, moist, brown *(continued)*	
		SSHS-B510-SUB-10-12			11
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	
		SSHS-B510-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	19.3
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

10.0

12.5

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BORING B514

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754133.4668 ft **EASTING** 762472.5798 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample		SILT, SILT, moist, brown, topsoil	2.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few fine sand, few silt, moist, brown	
				No Recovery	
2.5		SSHS-B514-SUB-2-4			1.4
				Wood mulch pieces	
		SSHS-B514-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few fine sand, few silt, moist, brown, trace powdered red brick	3.2
5.0				FAT CLAY, CLAY, few silt, wet, reddish brown, high plasticity	
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B515

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/20/16 **COMPLETED** 9/20/16
NORTHING 754101.2001 ft **EASTING** 762489.25 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, trace powdered red brick	0.1
2.5		SSHS-B515-SUB-2-4		No Recovery	0.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown, trace powdered red brick	
5.0		SSHS-B515-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to gray, hydrocarbon odor, trace powdered red brick	0.2
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B516

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/23/16 **COMPLETED** 8/23/16
NORTHING 754311.2005 ft **EASTING** 762445.9742 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B516-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some fine to coarse gravel, few fine sand, few silt, moist, brown	4.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, few silt, dry to moist, brown	
2.5		SSHS-B516-SUB-2-4		No Recovery	4.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, moist, brown to black	
5.0		SSHS-B516-SUB-4-6			2
				WELL GRADED SAND, SAND, few silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist, brown, trace powdered brick	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B517

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/23/16 **COMPLETED** 9/23/16
NORTHING 754300.0541 ft **EASTING** 762485.7891 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B517-SUB-0-2		SILT, SILT, dry to moist, brown, topsoil	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, moist, brown to black, powdered yellow brick	
2.5		SSHS-B517-SUB-2-4		No Recovery	3.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, few fine sand, dry to moist, black	
5.0		SSHS-B517-SUB-4-6		POORLY GRADED SAND WITH SILT, SAND, few silt, dry to moist, brown	4.2
		SSHS-B517-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, few fine sand, dry to moist, black	6.9
7.5				POORLY GRADED SAND WITH SILT, SAND, few silt, dry to moist, brown	
		SSHS-B517-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, trace powdered red brick	5.8

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BORING B517

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B517-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown *(continued)*	7.2
				POORLY GRADED SAND WITH SILT, SAND, few silt, little fine sand, dry to moist, brown	
12.5		SSHS-B517-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, few fine to coarse gravel, few fine sand, dry to moist, brown to black, trace powdered red and yellow brick	9
15.0				Bottom of borehole at 14.0 feet.	
17.5					
20.0					

10.0

12.5

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BORING B518

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753856.1944 ft **EASTING** 762738.6072 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B518-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, dry to moist, brown	15.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist to wet, black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, black	
2.5		SSHS-B518-SUB-2-4		No Recovery	13.6
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B519

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753751.8252 ft **EASTING** 762782.5658 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, ASPHALT	
		SSHS-B519-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	1.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, few red brick pieces, powdered red brick	
2.5		SSHS-B519-SUB-2-4		No Recovery	1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, few pieces of red brick, powdered red brick	
5.0		SSHS-B519-SUB-4-6		No Recovery	7.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B520

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753720.9768 ft **EASTING** 762794.3732 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B520-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, dry to moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown to black	1.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to black, pieces of yellow brick, powdered yellow brick	
2.5		SSHS-B520-SUB-2-4		No Recovery	2.8
		SSHS-B520-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	6.4
5.0				SANDY SILT, SILT, some fine sand, moist, brown	
		SSHS-B520-SUB-6-8		No Recovery	7
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	
		SSHS-B520-SUB-8-10		SILTY SAND, SAND, some silt, little fine gravel, moist, brown	8.2

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BORING B520

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B520-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	7.1
				No Recovery	
12.5		SSHS-B520-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few coarse gravel, few fine sand, moist to wet, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few coarse gravel, few fine sand, moist, brown	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B521

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753818.1709 ft **EASTING** 762761.7686 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B521-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, with gravel, dry, brown	5.2
				Fill, Red brick	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B522

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753893.823 ft **EASTING** 762723.87 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B522-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	1.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	
2.5		SSHS-B522-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
				No Recovery	1.1
2.5				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B523

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/23/16 **COMPLETED** 9/23/16
NORTHING 753873.4316 ft **EASTING** 762657.189 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B523-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	0.1
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B524

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/23/16 **COMPLETED** 9/23/16
NORTHING 753884.2351 ft **EASTING** 762685.9747 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, topsoil	
		SSHS-B524-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	1.4
2.5		SSHS-B524-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	0.7
				No Recovery	
5.0		SSHS-B524-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	0.8
		SSHS-B524-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	
7.5				No Recovery	0
		SSHS-B524-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	0.8

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown *(continued)*	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753856.3309 ft **EASTING** 762627.9243 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, dry to moist, brown, topsoil	
		SSHS-B525-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	7.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, black, few powdered yellow brick, trace powdered red brick	
2.5		SSHS-B525-SUB-2-4		No Recovery	6.3
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B526

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753845.8756 ft **EASTING** 762596.8647 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B526-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, few fine sand, moist, brown	8.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, few fine sand, moist, black	
2.5		SSHS-B526-SUB-2-4		WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, few silt, few fine sand, fine to coarse grained, dry to moist, broken gravel pieces	12.2
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B527

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753829.7043 ft **EASTING** 762575.1049 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B527-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few fine gravel, few fine to coarse gravel, moist, brown	8.8
2.5		SSHS-B527-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, few fine to coarse gravel, moist, black	13.6
				No Recovery	
2.5				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B528

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753809.5682 ft **EASTING** 762562.6456 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B528-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	2.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	
2.5		SSHS-B528-SUB-2-4		Fill, (powdered yellow brick)	10.3
				WELL GRADED SAND, SAND, moist, black, few slag pieces	
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B529

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753782.8708 ft **EASTING** 762546.624 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B529-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, little silt, few fine to coarse gravel, moist, brown	0.5
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B530

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753786.0558 ft **EASTING** 762666.3334 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown to black	
		SSHS-B530-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black	4.1
2.5					
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B531

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753746.9246 ft **EASTING** 762512.6208 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B531-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, brown	6.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few silt, few fine to coarse gravel, moist, black, trace black shiny material	
				No Recovery	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B532

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753776.5486 ft **EASTING** 762745.7935 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B532-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	
2.5		SSHS-B532-SUB-2-4		No Recovery	1
		SSHS-B532-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to black	1.4
5.0		SSHS-B532-SUB-6-8		No Recovery	2.6
7.5		SSHS-B532-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, SW-SM	9.2
				POORLY GRADED GRAVEL, GRAVEL, dry, gray, broken pieces of gravel	
				WELL GRADED SAND WITH SILT, SAND, some silt, fine grained, moist, gray, SW-SM	
				No Recovery	

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BORING B532

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B533

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753722.3709 ft **EASTING** 762558.4419 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	2.2
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black	6.3
				No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	5.1
5.0				POORLY GRADED GRAVEL, GRAVEL, dry, gray	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	5.3
7.5				No Recovery	
		SSHS-B533-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	9.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, black shiny material (ash), few silt, moist, brown to black	

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BORING B533

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B533-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, black shiny material (ash), few silt, moist, brown to black *(continued)*	0
				Refusal	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B534

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753747.6756 ft **EASTING** 762561.6246 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	4.5
2.5		No Sample			6.8
				No Recovery	
		SSHS-B534-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	6.4
5.0				POORLY GRADED GRAVEL, GRAVEL, dry, red to gray, broken gravel pieces	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few black shiny material (ash), moist, black, trace powdered red brick	
		No Sample		SILTY SAND, SAND, some silt, little fine gravel, moist, brown	13.4
7.5				No Recovery	
		SSHS-B534-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	9.3
				Refusal	

Bottom of borehole at 10.0 feet.

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BORING B535

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753751.8383 ft **EASTING** 762630.5779 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	1.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown to black	
				No Recovery	
2.5		No Sample			5.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), few fine sand, few silt, moist, brown, trace powdered red brick	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown	6.1
5.0					
		No Sample		No Recovery	7.9
7.5					
		SSHS-B535-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist, brown	5.1
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B536

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753799.4928 ft **EASTING** 762618.5559 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 8.83'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	2.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, gray to brown, trace powdered yellow brick	
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	5
				No Recovery	
		SSHS-B536-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	2.7
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, black	
		SSHS-B536-SUB-6-8		No Recovery	2.1
7.5		SSHS-B536-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist to wet, gray to brown, SW-SM	4.5
				Refusal, broken concrete in shoe	

Refusal at 8.8 feet.
Bottom of borehole at 10.0 feet.

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BORING B537

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753686.2699 ft **EASTING** 762714.8556 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	6.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, black	
2.5		No Sample		No Recovery	3.2
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, black	50
				Black shiny material (ash)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, fine grained, moist, brown to black	
		SSHS-B537-SUB-6-8		Yellowish, No Recovery	24.1
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, black	
		SSHS-B537-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, yellow to brown	7.4

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BORING B537

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B537-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, yellow to brown *(continued)*	4.8
				No Recovery	
12.5		SSHS-B537-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	6
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B538

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753739.0103 ft **EASTING** 762682.2412 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	3.9
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown	
				Black shiny material (ash)	
2.5				POORLY GRADED SAND, SAND, moist, brown	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown	6.4
				No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown	9.7
5.0					
		No Sample		No Recovery	1.7
7.5					
		SSHS-B538-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown to black	2.8
				SILTY SAND, SAND, some silt, moist to wet, reddish brown	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B538-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown	
				No Recovery	0.6
12.5		SSHS-B538-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown to black	3
				POORLY GRADED GRAVEL, GRAVEL, coarse grained, dry, broken gravel pieces	
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B539

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753688.283 ft **EASTING** 762689.1104 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some gravel, moist, brown	0.3
				SILT, SILT, trace gravel, moist, brown dark	
2.5		No Sample		SILT, SILT, trace gravel, moist to wet, brown	1.2
				No Recovery	
		No Sample		SILT, SILT, trace gravel, moist to wet, brown	0.3
5.0				SILT, SILT, little fine gravel, black shiny material (ash), moist, reddish tan	
		SSHS-B539-SUB-6-8		SILT, SILT, little gravel, trace sand, moist, reddish tan	0.7
				No Recovery	
7.5				Bottom of borehole at 8.0 feet.	

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BORING B540

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753704.9972 ft **EASTING** 762586.0373 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	2.4
2.5		No Sample			1.5
				No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few gravel, few fine sand, few silt, moist, brown	1.7
5.0		No Sample		SILTY SAND, SAND, some silt, little fine gravel, moist, brown to black	3.3
7.5		SSHS-B540-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	6.8

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BORING B540

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SILTY SAND, SAND, some silt, little fine gravel, moist, brown	
				Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B541

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753688.2781 ft **EASTING** 762637.4643 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	1.9
2.5		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	2.9
				No Recovery	
				WELL GRADED SAND WITH SILT, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown, trace powdered red brick	
5.0		No Sample		Black shiny material (ash)	2.2
		No Sample		WELL GRADED SAND WITH SILT, SAND, some silt, fine grained, moist, brown	1.7
7.5				POORLY GRADED GRAVEL, GRAVEL, dry, dry powdered gravel	
				Black shiny material (ash)	
				No Recovery	
		SSHS-B541-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine sand, few fine to coarse gravel, moist, yellowish brown to black	1.7
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B542

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753667.3539 ft **EASTING** 762663.0316 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	2.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, black, trace powdered yellow brick	
2.5		No Sample		No Recovery	1.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	
5.0		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine gravel, few silt, moist, black, powdered yellow brick	4.5
		No Sample		SILTY SAND, SAND, few silt, little fine gravel, fine grained, moist, brown	3.2
7.5				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, moist, black	
		SSHS-B542-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, moist, yellow to brown	8.5
				Black shiny material (ash)	

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BORING B542

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	
		SSHS-B542-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	8
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few silt, few fine to coarse gravel, moist, black	
		SSHS-B542-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, moist to wet, brown	5.2
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B543

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753694.286 ft **EASTING** 762614.2128 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	3.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, black	
2.5		No Sample			13.9
				No Recovery	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black	5.4
5.0				WELL GRADED SAND WITH SILT, SAND, few silt, little fine gravel, moist, black	
				Black shiny material (ash)	
		No Sample			10.9
				WELL GRADED SAND WITH SILT, SAND, few silt, few fine sand, moist, black	
7.5				No Recovery	
				Black shiny material (ash), fine grained, dry to moist	
		SSHS-B543-SUB-8-10		POORLY GRADED GRAVEL, GRAVEL, dry, gray, broken and powdered gravel	11.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine gravel, moist to wet, gray to brown	

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BORING B543

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine gravel, moist to wet, gray to brown *(continued)*	
		SSHS-B543-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, yellow to brown	4.3
				No Recovery	
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, gray to brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown	
		SSHS-B543-SUB-12-14		Black shiny material (ash), fine grained, dry to moist	10
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, yellow to brown	
12.5					

Bottom of borehole at 14.0 feet.

15.0

17.5

20.0

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BORING B544

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753762.2399 ft **EASTING** 762705.7021 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		No Sample		ASPHALT	0.8
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine gravel, few fine sand, few silt, moist, brown to black	
				No Recovery	
2.5		No Sample			0.5
		SSHS-B544-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine gravel, few fine sand, few silt, moist, brown to black, trace brick pieces	0.3
				Dry, Fill, (powdered concrete)	
5.0				No Recovery, Refusal at 7.5' Rebored 2' East to collect last 2 ' of core	
		SSHS-B544-SUB-6-8			0.6
7.5					
		SSHS-B544-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black, pieces of red brick	0.4
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B545

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753753.4607 ft **EASTING** 762728.9743 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	1.9
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, few brick	
2.5		No Sample		No Recovery	1.4
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, few fine sand, moist, brown	2.4
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, few fine sand, moist, black, hydrocarbon odor	
		No Sample		No Recovery	168.2
7.5		SSHS-B545-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist to wet, brown to black, hydrocarbon odor	56.1
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black, hydrocarbon odor	

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BORING B545

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B545-SUB-10-12		No Recovery	25.4
12.5		SSHS-B545-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, moist to wet, gray to black, hydrocarbon odor	35
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B546

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753687.3919 ft **EASTING** 762683.2172 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some gravel, dry, brown	0
				SILT, SILT, little gravel, trace black shiny material (ash), moist, brown dark, trace red brick	
				SILT WITH GRAVEL, SILT, some gravel, dry, tan	
2.5		No Sample		No Recovery	0
				SILT, SILT, little gravel, trace black shiny material (ash), moist, brown dark, ML	
		No Sample			1.5
5.0				SILT, SILT, little gravel, trace black shiny material (ash), moist, brown, ML	
				WELL GRADED SAND WITH GRAVEL, SAND, few gravel, dry, white, GW	
		SSHS-B540-SUB-6-8		SILT, SILT, few gravel, moist, reddish brown, ML	1.4
7.5					

Bottom of borehole at 8.0 feet.

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BORING B547

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753724.6684 ft **EASTING** 762729.3103 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				SILTY SAND, SAND, with silt, few gravel, moist, brown	
		No Sample		Black shiny material (ash), moist, few coarse black carbonaceous material	0.5
				WELL GRADED SAND WITH GRAVEL, SAND, some gravel, moist, brown	
				WELL GRADED SAND WITH GRAVEL, SAND, with gravel, dry, gray	
				WELL GRADED SAND WITH GRAVEL, SAND, some gravel, few black shiny material (ash), moist, brown	
				WELL GRADED GRAVEL, GRAVEL, few sand, dry, white	
2.5		No Sample		No Recovery	0.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little silt, few gravel, moist, brown, SW-SM	
				Black shiny material (ash), trace black shiny gravel	
5.0		No Sample			1.5
				SILT, SILT, little gravel, trace black shiny material (ash), moist, brown dark, ML	
		SSHS-B547-SUB-6-8			0.7
7.5				Black shiny material (ash), some silt, moist, trace red brick	
				Bottom of borehole at 8.0 feet.	

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BORING B548

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753699.1619 ft **EASTING** 762745.4756 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH GRAVEL, SAND, some gravel, moist, brown	0.1
				SILT, SILT, few black shiny material (ash), trace gravel, moist, brown, trace red brick	
2.5				SILT, SILT, little gravel, trace sand, moist, brown	
		No Sample			0.7
				No Recovery	
				WELL GRADED SAND WITH SILT, SAND, some silt, trace gravel, trace black shiny material (ash), moist, brown	
5.0		No Sample			1
				Black shiny material (ash), few silt, trace red brick	
		SSHS-B540-SUB-6-8			0.9
7.5				SILT, SILT, moist, tan	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B549

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753634.8478 ft **EASTING** 762644.5021 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		SILT, SILT, some gravel, trace silt, dry, brown	0.3
				SILT, SILT, trace sand, moist, brown dark	
				SILT WITH GRAVEL, SILT, some gravel, trace black shiny material (ash), moist, whiteish brown	
2.5		No Sample		SILT, SILT, few gravel, trace black shiny material (ash), moist, brown dark	0.9
				SILT, SILT, moist, brown, trace brick	
				No Recovery	
				SILT, SILT, some gravel, moist, brown	
		No Sample		WELL GRADED SAND WITH SILT, SAND, few silt, little gravel, moist, brown	0.5
5.0				POORLY GRADED SAND, SAND, moist, brown	
				SILT, SILT, few gravel, trace black shiny material (ash), moist, brown dark	
				SILT, SILT, few gravel, moist, reddish brown	
				Black shiny material (ash), moist	
				SILT, SILT, few gravel, moist, reddish brown	
		SSHS-B549-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	0.3
				No Recovery	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B550

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/22/16 **COMPLETED** 9/22/16
NORTHING 753783.4029 ft **EASTING** 762718.785 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	0.4
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown to black	
2.5		No Sample		No Recovery	0.2
		SSHS-B550-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine gravel, few fine sand, few silt, moist, brown to black	0.7
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
		SSHS-B550-SUB-6-8		No Recovery	0.4
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	
		SSHS-B550-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist to wet, brown	1.9
				SANDY SILT, SILT, some fine sand, moist, brown to gray, hydrocarbon odor	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B551

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753771.6401 ft **EASTING** 762659.7435 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		POORLY GRADED SAND WITH GRAVEL, SAND, some gravel, dry, brown	0.9
				POORLY GRADED SAND WITH GRAVEL, SAND, some gravel, moist, brown dark	
2.5		No Sample		POORLY GRADED SAND WITH GRAVEL, SAND, some gravel, trace black shiny material (ash), moist, brown dark	1.4
				No Recovery	
		SSHS-B551-SUB-4-6		SILT, SILT, some gravel, moist, brown dark	7.1
5.0				SILT, SILT, some gravel, trace black shiny material (ash), moist to wet, brown dark	
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B552

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753771.0263 ft **EASTING** 762575.703 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 10' Concrete in shoe

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown	2.2
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black	
2.5		No Sample			4.6
				No Recovery	
		SSHS-B552-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown	
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist to wet, brown to gray	3.9
				SILT, SILT, some sand, moist, gray	
		SSHS-B552-SUB-6-8		No Recovery	2
7.5					
		SSHS-B552-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, wet, gray, hydrocarbon odor, SW-SM	9.6

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BORING B552

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Refusal	
				Refusal at 10.0 feet. Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B553

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753624.4829 ft **EASTING** 762609.7249 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	0
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, moist, brown	
2.5		No Sample			0
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to gray	
5.0		SSHS-B553-SUB-4-6			19.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to yellow	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B554

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753735.2931 ft **EASTING** 762522.9695 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine gravel, moist, brown	5.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine gravel, moist, black, trace black shiny material	
2.5		SSHS-B554-SUB-2-4		No Recovery	8.3
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B555

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/16/16
NORTHING 753866.6016 ft **EASTING** 762713.7956 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B555-SUB-0-2		ASPHALT	2.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, dry to moist, brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown to black	
2.5		SSHS-B555-SUB-2-4		No Recovery	4.3
		SSHS-B555-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown	2.2
5.0		SSHS-B555-SUB-6-8		No Recovery	2
7.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist, brown	
		SSHS-B555-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist to wet, brown	1.8

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BORING B555

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist to wet, brown *(continued)*	
		SSHS-B555-SUB-10-12		No Recovery	2.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist to wet, brown to black	
12.5		SSHS-B555-SUB-12-14		LEAN CLAY WITH SAND, CLAY, few silt, little sand, moist, brown, medium plasticity	1.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few silt, few fine sand, moist to wet, brown	
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B556

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/16/16 **COMPLETED** 9/23/16
NORTHING 753833.2122 ft **EASTING** 762742.6846 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		No Sample		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	4.3
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown to black	
2.5		SSHS-B550-SUB-2-4		No Recovery	5.4
		SSHS-B550-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown to black	6.2
5.0				No Recovery	
		SSHS-B550-SUB-6-8			7.9
7.5		SSHS-B550-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown to black, trace powdered red brick, 8' to 12' push collected on 9/16/2016 as no recovery was obtained on first push	1.3
				No Recovery	

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BORING B556

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B550-SUB-10-12		No Recovery *(continued)*	1.4
10.0					
		SSHS-B550-SUB-12-14		WELL GRADED GRAVEL WITH SAND, GRAVEL, few sand, wet, brown	11.2
12.5				No Recovery	
				Bottom of borehole at 12.0 feet.	
15.0					
17.5					
20.0					

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BORING B557

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/7/16 **COMPLETED** 9/7/16
NORTHING 753617.3989 ft **EASTING** 762742.5086 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B557-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), few silt, few fine to coarse gravel, moist, brown to black	10.8
				Fill, (Powdered red brick)	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few black shiny material (ash), few silt, few fine to coarse gravel, moist, brown to black	
2.5		SSHS-B557-SUB-2-4		No Recovery	7.6
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown to black, trace brick	
5.0		SSHS-B557-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	3
		SSHS-B557-SUB-6-8			0.9
7.5				No Recovery	
		SSHS-B557-SUB-8-10		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace black shiny material (ash), few fine to coarse gravel, dry to moist, brown to black	3.7

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BORING B557

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B557-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, wet, brown to black *(continued)*	2.4
				No Recovery	
12.5		SSHS-B557-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, wet, brown	3.6
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B558

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/7/16 **COMPLETED** 9/7/16
NORTHING 753606.9514 ft **EASTING** 762699.9724 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black	
		SSHS-B558-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few black shiny material (ash), few silt, dry to moist, black	8.2
2.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, white to orange	
		SSHS-B558-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	1.7
				No Recovery	
		SSHS-B558-SUB-4-6		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to black	2
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	
		SSHS-B558-SUB-6-8		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown to gray, hydrocarbon odor	
				No Recovery	0.9
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to gray, hydrocarbon odor	
		SSHS-B558-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, black	6.5
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little gravel, few fine sand, few silt, wet, brown	

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BORING B558

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B558-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little gravel, few fine sand, few silt, wet, brown *(continued)*	1.8
				No Recovery	
12.5		SSHS-B558-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, wet, brown	1.6
				No Recovery	

Bottom of borehole at 14.0 feet.

10.0

12.5

15.0

17.5

20.0

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BORING B559

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/7/16 **COMPLETED** 9/7/16
NORTHING 753593.1846 ft **EASTING** 762661.3056 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B559-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to black	1.6
				Black shiny material (ash)	
2.5		SSHS-B559-SUB-2-4		No Recovery	3.5
				Loose, WELL GRADED SAND WITH SILT, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, black	
5.0		SSHS-B559-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown to orange	2
		SSHS-B559-SUB-6-8			0.9
7.5				No Recovery	
		SSHS-B559-SUB-8-10		Loose, WELL GRADED SAND WITH SILT, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, brown	2.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown to black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, wet, brown to black	

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BORING B559

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B559-SUB-10-12		No Recovery	1.1
12.5		SSHS-B559-SUB-12-14		No Recovery, (Core full of water)	0
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B560

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/7/16 **COMPLETED** 9/7/16
NORTHING 753587.5042 ft **EASTING** 762641.2953 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B560-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown to black	1.7
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, reddish brown	
2.5		SSHS-B560-SUB-2-4		Black shiny material (ash)	2.5
				No Recovery	
5.0		SSHS-B560-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, few fine sand, moist, brown to black	4.7
				POORLY GRADED SAND, SAND, moist, yellow	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine gravel, few fine sand, dry to moist, brown to gray	
7.5		SSHS-B560-SUB-6-8		No Recovery	1.2
		SSHS-B560-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few fine to coarse gravel, few silt, dry to moist, black	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown	4.6

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BORING B560

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown *(continued)*	
		SSHS-B560-SUB-10-12		No Recovery	1.6
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to coarse gravel, few silt, few fine sand, wet, brown to black	
		SSHS-B560-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, little fine to coarse gravel, few silt, few fine sand, wet, brown	1.4
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B561

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753607.5502 ft **EASTING** 762648.9952 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B561-SS		SILT, SILT, roots, moist, brown, topsoil	0.7
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B562

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753590.9404 ft **EASTING** 762609.6465 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B562-SS		SILT, SILT, few fine to medium gravel, moist, brown	0.3
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B563

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753685.7587 ft **EASTING** 762801.882 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B563-SS		SILT, SILT, roots, moist, brown, several nightcrawlers	0.6
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B564

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753661.5022 ft **EASTING** 762766.638 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B564-SS		SILT, SILT, roots, moist, brown, topsoil, few nightcrawlers	0.4
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B565

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753638.4222 ft **EASTING** 762729.4264 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B565-SS		SILT, SILT, roots, moist, brown, topsoil	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B566

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753626.0614 ft **EASTING** 762693.0394 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B566-SS		SILT, SILT, roots, moist, brown, topsoil	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B567

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 753778.6185 ft **EASTING** 762754.9864 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B567-SUB-0-2		WELL GRADED SAND WITH GRAVEL, SAND, with gravel, dry, brown	1.6
				Black shiny material (ash)	
				WELL GRADED SAND, SAND, moist, brown, brick	
				WELL GRADED SAND WITH GRAVEL, SAND, with gravel, moist, yellow	
				No Recovery	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B568

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/21/16 **COMPLETED** 9/21/16
NORTHING 753653.8044 ft **EASTING** 762572.1666 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B568-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	2.2
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B570

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754970.085 ft **EASTING** 762142.6395 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B570-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown, (SW-SM)	0
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, black, (SW-SM) hydrocarbon odor	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B571

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754816.0211 ft **EASTING** 761926.7052 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B571-SUB-0-2	ML	SILT, SILT, moist, brown, (ML) topsoil	0
			ML	SILT, SILT, moist, brown to black, (ML) topsoil	
			SW-SM	WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B572

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/30/16 **COMPLETED** 8/30/16
NORTHING 754908.8184 ft **EASTING** 762198.1929 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ML		SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B572-SUB-0-2	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM)	3.4
2.5		SSHS-B572-SUB-2-4				1.7
					No Recovery	
		SSHS-B572-SUB-4-6	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM)	2
5.0		SSHS-B572-SUB-6-8				1.5
7.5					No Recovery	
		SSHS-B572-SUB-8-10	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM)	1.5

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BORING B572

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0						
		SSHS-B572-SUB-10-12	SW-SM		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM) *(continued)*	
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, black, (SW-SM) hydrocarbon odor	20.6
			SW-SM		No Recovery	
12.5		SSHS-B572-SUB-12-14			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown, (SW-SM) material in shoe had strong hydrocarbon odor	16.2
					No Recovery	
					Bottom of borehole at 14.0 feet.	
15.0						
17.5						
20.0						

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BORING B572A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/2/16 **COMPLETED** 9/2/16
NORTHING 754908.8184 ft **EASTING** 762198.1929 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					SILT, SILT, moist, brown, topsoil	
					POORLY GRADED GRAVEL, GRAVEL, coarse grained, dry, gray, broken gravel pieces	
		SSHS-B572A-SUB-0-2			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, moist, brown to black	0.5
2.5					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, few fine sand, dry to moist, brown	
					No Recovery	
5.0					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few black shiny material (ash), few fine to coarse gravel, moist, brown	
		SSHS-B572A-SUB-2-4			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist, brown	0.3
7.5					No Recovery	

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BORING B572A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0						
		SSHS-B572A-SUB-4-6			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, little fine to coarse gravel, moist, brown	1.2
					WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, few silt, few fine to coarse sand, few fine to coarse gravel, fine to coarse grained, moist to wet	
12.5		SSHS-B572A-SUB-6-8			No Recovery	1.2
					WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to medium gravel, moist, brown to black	
		SSHS-B572A-SUB-8-10			WELL GRADED GRAVEL WITH SAND, GRAVEL, trace silt, few fine to coarse gravel, fine to coarse grained, moist to wet, hydrocarbon odor	3.8
15.0						
		SSHS-B572A-SUB-10-12			WELL GRADED GRAVEL WITH SAND, GRAVEL, trace silt, few fine to coarse gravel, fine to coarse grained, wet, hydrocarbon odor	0.8
					No Recovery	
17.5						
					Bottom of borehole at 18.0 feet.	
20.0						

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BORING B574

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/29/16 **COMPLETED** 8/29/16
NORTHING 753785.1043 ft **EASTING** 762004.6142 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, brown, (ML) topsoil	
		SSHS-B574-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, little fine to coarse gravel, few fine sand, moist, brown, (SW-SM)	0.9
				SILT WITH SAND, SILT, few sand, dry to moist, brown, (ML)	
2.5				Bottom of borehole at 2.0 feet.	
5.0					
7.5					

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BORING B575A

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/19/16 **COMPLETED** 9/19/16
NORTHING 754080.6756 ft **EASTING** 762558.9691 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Temp well screened from 22' to 26'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B575A-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few gravel, moist, brown	2.5
				GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, few black shiny material (ash), moist, brown	
2.5		SSHS-B575A-SUB-2-4		No Recovery	3.4
		SSHS-B575A-SUB-4-6		GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, few black shiny material (ash), moist, brown	
5.0				GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, few black shiny material (ash), dry to moist, brown	2.3
				WELL GRADED SAND, SAND, pink	
				GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, moist, brown	
		SSHS-B575A-SUB-6-8		POORLY GRADED SAND, SAND, fine grained, moist, brown	5.7
7.5				No Recovery	
		SSHS-B575A-SUB-8-10		GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, moist, brown	5.4
				POORLY GRADED SAND, SAND, few gravel, moist, brown	
				GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, moist, brown	

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BORING B575A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
				GRAVELLY SILT WITH SAND, SILT, few gravel, few sand, moist, brown *(continued)*	
		SSHS-B575A-SUB-10-12		No Recovery	6.3
				SILT WITH GRAVEL, SILT, few gravel, moist, brown, little red brick	
12.5				POORLY GRADED GRAVEL WITH SAND, GRAVEL, and sand, dry, gray	
		SSHS-B575A-SUB-12-14		SILT WITH GRAVEL, SILT, few gravel, moist, brown, little red brick	5.6
				WELL GRADED SAND, SAND, some gravel, moist, grayish brown, hydrocarbon odor	
15.0		SSHS-B575A-SUB-14-16			112.4
				No Recovery	
				WELL GRADED SAND, SAND, some gravel, moist, grayish brown, hydrocarbon odor	
		SSHS-B575A-SUB-16-18		WELL GRADED SAND, SAND, some gravel, wet, grayish brown, hydrocarbon odor	416.5
17.5				WELL GRADED SAND, SAND, some gravel, saturated, grayish brown, hydrocarbon odor	
		SSHS-B575A-SUB-18-20		No Recovery	432
20.0				WELL GRADED SAND WITH GRAVEL, SAND, and coarse gravel, saturated, brown	
		SSHS-B575A-SUB-20-22			5.68
				POORLY GRADED GRAVEL, GRAVEL, coarse grained, saturated	

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BORING B575A

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
				POORLY GRADED GRAVEL, GRAVEL, coarse grained, saturated *(continued)*	
22.5		SSHS-B575A-SUB-22-24		WELL GRADED SAND WITH GRAVEL, SAND, with gravel, saturated, brown	8.3
				No Recovery	0
25.0		SSHS-B575A-SUB-24-26		Bottom of borehole at 26.0 feet.	
27.5					
30.0					
32.5					

22.5

25.0

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BORING B575B

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/19/16 **COMPLETED** 9/19/16
NORTHING 754080.6756 ft **EASTING** 762558.9691 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Temp well screened from 26' to 30'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B575B-SUB-0-2		GRAVELLY SILT WITH SAND, SILT, with sand, few gravel, moist, brown	4.9
				Black shiny material (ash), moist	
2.5		SSHS-B575B-SUB-2-4		GRAVELLY SILT WITH SAND, SILT, with sand, few gravel, moist, brown	3.8
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
		SSHS-B575B-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, dry to moist, gray to brown	6.7
5.0					
		SSHS-B575B-SUB-6-8		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few coarse gravel, some silt, moist, brown	7.2
				No Recovery	
7.5					
		SSHS-B575B-SUB-8-10		POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few coarse gravel, some silt, moist, brown	1.4

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North
PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, few fine sand, few coarse gravel, some silt, moist, brown *(continued)*	
		SSHS-B575B-SUB-10-12		WELL GRADED SAND, SAND, fine grained, moist, brown	3.4
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few fine to coarse gravel, few fine sand, few silt, moist, brown	
		SSHS-B575B-SUB-12-14			8.9
15.0		SSHS-B575B-SUB-14-16		POORLY GRADED SAND WITH GRAVEL, SAND, few fine to coarse gravel, moist, gray, hydrocarbon odor	198.6
		SSHS-B575B-SUB-16-18		POORLY GRADED SAND WITH GRAVEL, SAND, little fine sand, some fine to coarse gravel, little silt, moist, gray, hydrocarbon odor	172.8
17.5					
		SSHS-B575B-SUB-18-20		No Recovery	232.6
20.0		SSHS-B575B-SUB-20-22		POORLY GRADED SAND WITH GRAVEL, SAND, little fine sand, some fine to coarse gravel, little silt, moist, gray, hydrocarbon odor	218.6
				WELL GRADED SAND WITH GRAVEL, SAND, and gravel, saturated, dark tan	

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BORING B575B

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
22.5		SSHS-B575B-SUB-22-24		WELL GRADED SAND WITH GRAVEL, SAND, few gravel, moist, dark brown	6.1
				No Recovery	
				POORLY GRADED SAND, SAND, moist, brown, SP	
25.0		SSHS-B575B-SUB-24-26			28.8
		SSHS-B575B-SUB-26-28			5.6
27.5				POORLY GRADED SAND, SAND, saturated, brown, SP	
		SSHS-B575B-SUB-28-30			7.1
30.0					
		SSHS-B575B-SUB-30-32			8.3
				Bottom of borehole at 32.0 feet.	
32.5					

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BORING B575C

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/19/16 **COMPLETED** 9/19/16
NORTHING 754080.6756 ft **EASTING** 762558.9691 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Temp well screened from 30' to 34'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B575C-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace black shiny material (ash), dry to moist, brown	5.8
2.5		SSHS-B575C-SUB-2-5			1.5
				No Recovery	
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	
		SSHS-B575C-SUB-5-7			5.2
7.5		SSHS-B575C-SUB-7-10			10.5
				POORLY GRADED SAND, SAND, moist, brown	
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North
PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B575B-SUB-10-12		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown	4.1
				POORLY GRADED SAND, SAND, few fine gravel, moist, brown	
12.5		SSHS-B575B-SUB-12-15			109
				POORLY GRADED SAND, SAND, few fine gravel, moist, gray	
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, gray	
15.0		SSHS-B575B-SUB-15-17		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, gray, hydrocarbon odor	362
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, moist to wet, brown	
17.5		SSHS-B575B-SUB-17-20			75.2
				POORLY GRADED SAND, SAND, few fine sand, moist, brown	
				No Recovery	
20.0		SSHS-B575B-SUB-20-22		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, wet, gray to brown	50.5

(Continued Next Page)

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BORING B575C

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine sand, few fine to coarse gravel, dry to moist, brown, oily sheen *(continued)*	
22.5		SSHS-B575B-SUB-22-25		No Recovery	13.6
25.0		SSHS-B575B-SUB-25-27		POORLY GRADED SAND, SAND, few silt, few gravel, moist to wet, brown	5.5
27.5		SSHS-B575B-SUB-27-30		No Recovery	5.5
30.0		SSHS-B575B-SUB-30-32		POORLY GRADED SAND, SAND, few silt, few fine gravel, few fine sand, moist to wet, brown, SPG	2.6
32.5		SSHS-B575B-SUB-32-35		No Recovery	13.1

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BORING B575C

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery *(continued)*	
				Bottom of borehole at 34.0 feet.	

35.0

37.5

40.0

42.5

45.0

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BORING B576

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761965.267 ft **EASTING** 754734.6937 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium soft, SILT, SILT, moist, brown, topsoil	
		SSHS-B576-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to blackish brown, trace powdered red brick	0.3
2.5				WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, few fine to coarse gravel, trace rock fragments, moist, black, trace powdered red brick	
		SSHS-B576-SUB-2-4		Soft, SILTY SAND, SAND, some silt, trace fine gravel, moist, brown to yellowish brown	0.2
				Very soft, SILT, SILT, moist, brown, topsoil	
				Soft, SILTY SAND, SAND, few silt, trace fine gravel, trace rock fragments, moist, brown yellowish	
5.0		SSHS-B576-SUB-4-6			0.6
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, few silt, trace fine gravel, moist, brown to blackish brown	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B577

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 761773.7292 ft **EASTING** 754726.2072 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B577-SS		Medium stiff, SILT, brown, trace roots	0.5
				SILT, brown, low plasticity	
		SSHS-B577-SUB-0.17-2		Loose, WELL GRADED GRAVEL WITH SILT, tan to gray	0.6
				Medium dense, WELL GRADED GRAVEL WITH SILT, black with tan, non plastic	
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, gray	
				Medium dense, GRAVELLY SILT, gray to dark black, non plastic	
2.5				CLAYEY SAND WITH GRAVEL, fine grained, brown to brown	
		SSHS-B577-SUB-2-4		No Recovery	0.5
				Dense, CLAYEY SAND WITH GRAVEL, fine grained, reddish brown	
5.0		SSHS-B577-SUB-4-6		Loose, SILTY SAND WITH GRAVEL, reddish brown	0.5
				No Recovery	
		SSHS-B577-SUB-6-8			0.5
7.5				Bottom of borehole at 8.0 feet.	

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BORING B578

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761789.2452 ft **EASTING** 754660.2924 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, GRAVELLY SILT, trace fine to coarse gravel, moist, brown, trace grass roots	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
				Rock fragments	
		SSHS-B578-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few black shiny material (ash), moist, brown to blackish brown	1.5
2.5				POORLY GRADED SAND, trace fine sand, trace fine gravel, moist, brown	
		SSHS-B578-SUB-2-4		No Recovery	2.4
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, trace black shiny material (ash), few silt, moist, brown to blackish brown	
5.0		SSHS-B578-SUB-4-6		Loose, POORLY GRADED SAND, moist, dark brown	0.4
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	
		SSHS-B578-SUB-6-8		No Recovery	0.3
7.5				Bottom of borehole at 8.0 feet.	

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BORING B579

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761843.5463 ft **EASTING** 754647.6497 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B579-SUB-0-2		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, blackish brown to black	0.5
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to light brown	
2.5				No Recovery	
		SSHS-B579-SUB-2-4			0.6
				Loose to medium dense, POORLY GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown	
5.0		SSHS-B579-SUB-4-6			0.7
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to greenish brown	
		SSHS-B579-SUB-6-8		No Recovery	0.6
7.5					
				Bottom of borehole at 8.0 feet.	

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BORING B580

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 761812.0363 ft **EASTING** 754736.3468 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B580-SS		Medium dense, SILT, moist, brown to dark brown, non plastic	0.6
				Medium dense, SILT, moist, dark brown, non plastic	
				Loose, SILTY GRAVEL WITH SAND, fine grained, dark brown to black	0.5
				Dense, SILTY GRAVEL WITH SAND, fine grained, moist, orangeish brown	
2.5		SSHS-B580-SUB-2-4			0.6
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B581

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 761814.6127 ft **EASTING** 754694.1795 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown to blackish brown	
		SSHS-B581-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown to brown	0.9
2.5		SSHS-B581-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, black to light blackish brown	0.9
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B582

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 761825.3182 ft **EASTING** 754667.271 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B582-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	0.9
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
2.5		SSHS-B582-SUB-2-4		No Recovery	0.7
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B583

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 761780.8162 ft **EASTING** 754681.2301 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
		SSHS-B583-SUB-0-2		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, black	0.9
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	
2.5				Powdered broken rock pieces	
		SSHS-B583-SUB-2-4		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown	0.8
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B584

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 761849.2231 ft **EASTING** 754691.8186 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown to black	
		SSHS-B584-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	0.9
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, dark brown to blackish brown	
2.5		SSHS-B584-SUB-2-4		No Recovery	0.9
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B585

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 761843.4229 ft **EASTING** 754730.3172 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, topsoil	0.4
				WELL GRADED GRAVEL WITH SILT AND SAND, brown to dark brown	
				SILTY SAND WITH GRAVEL, moist, brown to black	0.4
2.5		SSHS-B585-SUB-2-4		No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B586

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 761714.0883 ft **EASTING** 754705.5758 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B586-SS		Medium stiff, SILT, moist, brown, topsoil	0.5
				Medium stiff to dense, LEAN CLAY, moist, brown	
		SSHS-B586-SUB-0.17-2		Medium dense, SILTY GRAVEL WITH SAND, brown and black, color is interfingered	0.5
2.5		SSHS-B586-SUB-2-4			0.5
				Dense, POORLY GRADED SAND WITH GRAVEL, moist, brown, clasts are mostly fine with a few coarse	
				No Recovery	
5.0		SSHS-B586-SUB-4-6			0.8
7.5				Bottom of borehole at 6.0 feet.	

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BORING B587

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761706.6499 ft **EASTING** 754613.209 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown to black	
				Medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown	
		SSHS-B587-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few gravel, few silt, trace rock fragments, moist, brown, trace wood pieces	3.4
				POORLY GRADED SAND WITH GRAVEL, few gravel	
2.5		SSHS-B587-SUB-2-4		No recovery	1
				Loose to medium dense, POORLY GRADED SAND, trace gravel, moist, brown	
5.0		SSHS-B587-SUB-4-6		Loose to medium dense, POORLY GRADED SAND, few medium to coarse gravel, few rock fragments, moist, brown	0.6
				Soft, SILT, moist, low plasticity	
				Rock fragments	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B588

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761670.6133 ft **EASTING** 754521.6284 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B588-SS		Soft, SILT, moist, brown, medium plasticity, topsoil	0.1
		SSHS-B588-SUB-0.17-2		WELL GRADED SAND WITH SILT AND GRAVEL, SAND, some black shiny material (ash), few silt, few fine to coarse gravel, moist, black	0.2
				Loose to medium dense, POORLY GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	
2.5		SSHS-B588-SUB-2-4			0.2
				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, trace rock fragments, few fine sand, moist, brown to greenish brown	
5.0		SSHS-B588-SUB-4-6			0.6
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B589

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761700.9974 ft **EASTING** 754437.6967 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, low plasticity, topsoil	
		SSHS-B589-SUB-0-2		Moist, broken reddish brown rock pieces	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, fine grained, moist, brown	
2.5					2.5
		SSHS-B589-SUB-2-4		No Recovery	0.1
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown	
5.0		SSHS-B589-SUB-4-6			0.1 5.0
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B590

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761783.9543 ft **EASTING** 754463.1304 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace roots, moist, brownish black to black	
				POORLY GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
		SSHS-B590-SUB-0-2			0.2
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, black	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, reddish brown to grayish brown	
2.5					2.5
		SSHS-B590-SUB-2-4		Dry, Powdered concrete	0.3
				No Recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, few sand, moist, gray to brown	
				Loose, POORLY GRADED SAND, moist, brown	
5.0		SSHS-B590-SUB-4-6		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, blackish brown	0.3
				Bottom of borehole at 6.0 feet.	5.0
7.5					

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BORING B591

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761766.9657 ft **EASTING** 754550.2277 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace roots, moist, brown	
		SSHS-B591-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few gravel, moist, light brown to blackish brown	0.3
				Black shiny material (ash), moist	
				Moist, red powderd brick	
2.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, light brown	
		SSHS-B591-SUB-2-4		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, black shiny material (ash), moist, dark brown to brownish black	2.3
				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few black shiny material (ash), moist, brown to black, trace pieces of broken red brick	
5.0		SSHS-B591-SUB-4-6		POORLY GRADED SAND, trace silt, trace fine gravel, moist, black	0.4
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B592

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761819.0015 ft **EASTING** 754581.3839 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, black to brown	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to greenish brown	
		SSHS-B592-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, greenish brown to grayish brown	0.6
				Rock fragments, moist to wet, gray	
				Loose, POORLY GRADED SAND WITH SILT AND GRAVEL, few silt, moist	
2.5					2.5
		SSHS-B592-SUB-2-4		No Recovery	0.6
				Loose, moist, Dry broken flaky concrete	
5.0		SSHS-B592-SUB-4-6			0.7
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to gray	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B593

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761878.6248 ft **EASTING** 754516.0178 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Broken red rock pieces	
		SSHS-B593-SUB-0-2		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few fine sand, moist, brown, Powdered red brick	0.1
				Dry, Broken powdered concrete	
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, trace rock fragments, moist, blackish brown to black	
2.5		SSHS-B593-SUB-2-4		No Recovery	0.1
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, black	
				Dry to moist, Broken Red Rock pieces	
				Broken Red brick pieces	
5.0		SSHS-B593-SUB-4-6		Loose to medium dense, POORLY GRADED SAND, trace fine to medium gravel, trace rock fragments, moist to wet	0.2
				No Recovery	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B594

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761890.1092 ft **EASTING** 754553.777 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to black	
		SSHS-B594-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, greenish brown to black, trace powdered red brick, wood pieces	0.8
2.5		SSHS-B594-SUB-2-4			0.4
				Loose, POORLY GRADED SAND, trace silt, trace fine sand, moist, black to brown	
				No Recovery	
				Loose, POORLY GRADED SAND, trace silt, trace fine gravel, moist, brown	
				Loose, POORLY GRADED SAND, trace silt, trace fine gravel, moist, black	
5.0		SSHS-B594-SUB-4-6		Loose, POORLY GRADED SAND, trace silt, trace fine gravel, moist, brown	0.2
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B595

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 761915.1709 ft **EASTING** 754619.4367 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B595-SS		Loose, SILT, moist, brown	0.4
		SSHS-B595-SUB-0.17-2		Loose, WELL GRADED GRAVEL WITH SILT, moist, brown	0.5
				Dense, POORLY GRADED SAND WITH GRAVEL, light tannish brown, Red Material, (Brick Powder)	
2.5				Stiff, GRAVELLY SILT WITH SAND, moist, brown, Red Material, (Brick Powder)	
		SSHS-B595-SUB-2-4		No Recovery	0.4
				GRAVELLY LEAN CLAY, dark brown	
5.0		SSHS-B595-SUB-4-6		Medium dense, CLAYEY SAND WITH GRAVEL, moist, dark brown	0.5
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B596

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 761951.3432 ft **EASTING** 754530.7828 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B596-SS		Loose, SILT, moist, brown, topsoil	0.3
		SSHS-B596-0.17-2		WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace black shiny material (ash), moist, brown to grayish brown, trace powdered red brick	0.4
				No Recovery	
2.5		SSHS-B596-SUB-2-4			0.4
				Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown, few peices of broken red brick	
				Loose, WELL GRADED SAND WITH GRAVEL, few fine gravel, trace black shiny material (ash), moist, dark brown to black	
5.0		SSHS-B596-SUB-4-6		Loose, WELL GRADED SAND WITH GRAVEL, few fine gravel, trace black shiny material (ash), moist, brown	0.5
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B597

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762758.315 ft **EASTING** 753856.0657 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B597-SS		Medium soft, SILT, trace roots, moist, black to brown, (ML) medium plasticity	0.3
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B598

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762784.7428 ft **EASTING** 753793.0689 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC USCS LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B598-SS		Loose, SILT, moist, brown to dark brown, topsoil, trace grass roots	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B599

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762795.88 ft **EASTING** 753746.854 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B599-SS		GRAVELLY SILT, few gravel, moist, brown to brown, trace grasss roots	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B600

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762809.707 ft **EASTING** 753718.9654 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B600-SS		GRAVELLY SILT, few gravel, moist, brown to dark reddish brown, trace plant roots	0.6
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B601

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762475.9335 ft **EASTING** 754276.6317 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B601-SS		SILT, moist, brown to dark brown, topsoil, trace plant roots	0.6
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B602

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762499.0066 ft **EASTING** 754244.0811 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
		SSHS-B602-SS		Loose, SILT, moist, brown, trace grass roots	0.5	0.0
				Bottom of borehole at 0.2 feet.		
2.5						
5.0						
7.5						

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BORING B603

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762509.8987 ft **EASTING** 754204.4586 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
		SSHS-B603-SS		Loose, SILT, moist, brown, topsoil, trace grass roots	0.6	0.0
				Bottom of borehole at 0.2 feet.		
2.5						
5.0						
7.5						

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BORING B604

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762540.4202 ft **EASTING** 754173.3289 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
		SSHS-B604-SS		Loose, SILT, moist, brown to dark brown, topsoil, trace grass roots	0.5	0.0
				Bottom of borehole at 0.2 feet.		
2.5						
5.0						
7.5						

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BORING B605

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762374.0567 ft **EASTING** 754478.3933 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B605-SS		Loose, SILT, moist, brown, topsoil, trace grass roots	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B606

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762395.8984 ft **EASTING** 754349.4115 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B606-SS		Loose, SILT, moist, brown, topsoil, trace grass roots	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B607

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762307.3 ft **EASTING** 754492.7 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B607-SS		Loose, SILT, moist, brown, topsoil, trace grass roots	0.5
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B608

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762350.6438 ft **EASTING** 754372.2481 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS_B608-SS		Loose, SILT, moist, brown, topsoil, grass roots	0.2
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B609

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762323.3519 ft **EASTING** 754404.813 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B609-SS		Loose, SILT, moist, brown, topsoil, grass roots	0.1
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B610

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762341.8518 ft **EASTING** 754327.2961 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B610-SS		Loose, SILT, moist, brown, topsoil, grass roots	0.6
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B611

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762219.9681 ft **EASTING** 754476.4127 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B611-SS		Loose, SILT, moist, brown, topsoil, grass roots	0.1
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B612

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/7/17 **COMPLETED** 2/7/17
NORTHING 762237.7193 ft **EASTING** 754424.347 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B612-SS		SILT, moist, dark brown, low plasticity	
0.6				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B613

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/8/17 **COMPLETED** 2/8/17
NORTHING 762270.2755 ft **EASTING** 754342.7793 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
		SSHS-B613-SS		SILT, moist, dark brown, low plasticity	0.3	0.0
				Bottom of borehole at 0.2 feet.		
2.5						
5.0						
7.5						

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BORING B614

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/7/17 **COMPLETED** 2/7/17
NORTHING 762196.1873 ft **EASTING** 754399.3329 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
		SSHS-B614-SS		SILT, moist, dark brown, low plasticity	0.7	0.0
				Bottom of borehole at 0.2 feet.		
2.5						
5.0						
7.5						

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BORING B615

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/7/17 **COMPLETED** 2/7/17
NORTHING 762216.7635 ft **EASTING** 754376.0512 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B615-SS		SILT, SILT, moist, dark brown, low plasticity	0.6
				Bottom of borehole at 0.2 feet.	
2.5					
5.0					
7.5					

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BORING B616

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/7/17 **COMPLETED** 2/7/17
NORTHING 762213.7023 ft **EASTING** 754337.4801 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, moist, dark brown, low plasticity	0.4
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B617

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/7/17 **COMPLETED** 2/7/17
NORTHING 762230.4132 ft **EASTING** 754284.1088 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, little clay, moist, dark brown, (ML) low plasticity	
0.4			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B618

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/7/17 **COMPLETED** 2/7/17
NORTHING 762196.7124 ft **EASTING** 754308.4874 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC U.S.C.S. LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, moist, dark brown, low plasticity	0
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B619

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762308.8275 ft **EASTING** 754244.1428 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Concrete	
		SSHS-B619-SUB-0-2		Medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown to blackish brown	0.1
2.5				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few fine sand, few silt, dry to moist, gray with brown	
		SSHS-B619-SUB-2-4		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown	0.3
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, few fine gravel, moist, brown	
				WELL GRADED GRAVEL WITH SAND, few fine sand, fine to coarse grained, dry to moist, gray to brown	
5.0		SSHS-B619-SUB-4-6		Loose, WELL GRADED SAND WITH GRAVEL, few fine gravel, dry to moist, yellow to brown	0.6
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to dark brown, hydrocarbon odor	
		SSHS-B619-SUB-6-8		No Recovery	0.3
7.5				Very loose to loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, coarse grained, moist, brown	
		SSHS-B619-SUB-8-10		WELL GRADED GRAVEL WITH SAND, few fine sand, some rock fragments, brown	0.2
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, moist, brown	

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BORING B619

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B619-SUB-10-12		No Recovery	0.1
12.5		SSHS-B619-SUB-12-14		Loose, WELL GRADED SAND WITH GRAVEL, few fine gravel, moist, brown Rock fragments, hydrocarbon odor No Recovery	0.1
15.0		SSHS-B619-SUB-4-16			0.3
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B620

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762182.2075 ft **EASTING** 754271.1547 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, brown, topsoil	
		SSHS-B620-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, trace rock fragments, few fine to coarse gravel, moist, brown to blackish brown	0.6
2.5		SSHS-B620-SUB-2-4		No Recovery	0.4
5.0		SSHS-B620-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist to wet, brown to dark brown, trace powdered red brick	0.6
		SSHS-B620-SUB-6-8		No Recovery	0.4
7.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown to blackish brown	
		SSHS-B620-SUB-8-10		Moist Red brick, partly powdered	0.3
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown	

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BORING B620

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown *(continued)*	
		SSHS-B620-SUB-10-12		No Recovery	0.4
12.5		SSHS-B620-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist to wet, brown to dark brown, wetter towards base, gray color in last 4"	0.5
15.0		SSHS-B620-SUB-14-16		No Recovery	0.8
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B621

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762178.953 ft **EASTING** 754234.5555 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft to medium stiff, SILT, moist, brown, topsoil	
				Construction debris	0.3
				WELL GRADED SAND WITH GRAVEL, few fine gravel, moist, brown to black	
				No Recovery	
2.5					0.2
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to black, slight sheen	
5.0				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace silt, moist, brown	0.3
				No Recovery	
		SSHS-B621-SUB-6-8			0.4
7.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, trace rock fragments, few silt, moist to wet	
		SSHS-B621-SUB-8-10		No Recovery	0.4

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BORING B621

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B621-SUB-10-12		No Recovery *(continued)*	0.3
12.5		SSHS-B621-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist to wet, brown	0.4
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist to wet, brown to grayish green, hydrocarbon odor, Sheen	
15.0		SSHS-B621-SUB-14-16		No Recovery	2.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B622

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762207.5671 ft **EASTING** 754145.4654 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, blackish brown, medium plasticity	
				Rock fragments, reddish	0
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, yellowish brown to black	
2.5				No Recovery	0
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	
5.0		SSHS-B622-SUB-4-6		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to blackish brown	0.1
		SSHS-B622-SUB-6-8		No Recovery	0.1
7.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown blackish	
		SSHS-B622-SUB-8-10		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, reddish brown to brown	0

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BORING B622

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B622-SUB-10-12		No Recovery	0
12.5		SSHS-B622-SUB-12-14		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, reddish brown to brown	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, reddish brown to brown	0
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, yellowish brown to grayish brown	
15.0		SSHS-B622-SUB-14-16		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, grayish brown to gray, hydrocarbon odor	2.4
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B623

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762237.8016 ft **EASTING** 754122.3855 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B623-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace silt, moist, blackish brown	0
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, yellowish brown	
2.5		SSHS-B623-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, yellowish brown to black, trace red brick powder	0
				No Recovery	
				Loose, WELL GRADED SAND WITH GRAVEL, trace fine gravel, dry to moist, blackish brown	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, yellowish brown	
5.0		SSHS-B623-SUB-4-6		Loose, WELL GRADED GRAVEL WITH SAND, some rock fragments, few fine sand, dry to moist, gray	0.1
		SSHS-B623-SUB-6-8		No Recovery	0.1
7.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to medium gravel, trace rock fragments, moist, yellowish brown	
		SSHS-B623-SUB-8-10		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to medium gravel, trace rock fragments, moist, reddish brown	0.1

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BORING B623

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to medium gravel, trace rock fragments, moist to wet, reddish brown	
		SSHS-B623-SUB-10-12		No Recovery	0
12.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, reddish brown to grayish brown	
		SSHS-B623-SUB-12-14			0
15.0		SSHS-B623-SUB-14-16			0
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B624

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762116.6718 ft **EASTING** 754317.9541 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B624-SS		SILT, moist, brown, trace grass roots, topsoil	0.5
				Becomes topsoil	
		SSHS-B624-SUB-0.17-2		Moist, Powdered Red brick	0.7
				WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, few fine sand, trace black shiny material (ash), moist, brown to black, trace powdered red brick	
2.5		SSHS-B624-SUB-2-4		No Recovery	0.7
				WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, few fine sand, trace black shiny material (ash), moist, brown to black, trace powdered red brick	
5.0		SSHS-B624-SUB-4-6			1.1
		SSHS-B624-SUB-6-8		No Recovery	0.3
7.5				Loose, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, brown to dark brown, trace red brick	
		SSHS-B624-SUB-8-10		Stiff, LEAN CLAY, moist to wet, yellow to brown, medium plasticity	1.5
				Loose, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, brown to dark brown	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B624-SUB-10-12		No Recovery *(continued)*	0.3
12.5				Loose, POORLY GRADED GRAVEL WITH SILT AND SAND, dry, gray to brown	
				WELL GRADED SAND, dry to moist, orange to brown	
		SSHS-B624-SUB-12-14		Loose, SILTY GRAVEL WITH SAND, moist to wet, dark brown	0.4
				No Recovery	
15.0		SSHS-B624-SUB-14-16			0.4
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0

12.5

15.0

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BORING B625

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/8/17 **COMPLETED** 2/8/17
NORTHING 762094.9174 ft **EASTING** 754282.6912 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, SILT, moist, dark brown, medium plasticity, topsoil, Roots present in 1st 1 inch	
				SILTY SAND, SAND, trace fine gravel, moist, dark brown, non plastic	167.2
				SILTY SAND, SAND, trace fine gravel, moist, black to brown, non plastic	
				SILTY GRAVEL WITH SAND, moist, yellow to brown	
2.5				SILTY SAND, trace fine gravel, moist, dark black to brown	1.5
				WELL GRADED SAND WITH CLAY AND GRAVEL, moist, brown to light brown	0.6
5.0					0.4
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, moist to wet, brown to light brown, wetter towards base	0.3

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B625-SUB-10-12			0.4
12.5				POORLY GRADED SAND WITH CLAY AND GRAVEL, moist, dark brown	
				POORLY GRADED GRAVEL, gray	
		SSHS-B625-SUB-12-14		SILTY SAND WITH GRAVEL, moist to wet, brown	0.4
				WELL GRADED SAND WITH GRAVEL, dry, light brown to gray	
				WELL GRADED GRAVEL WITH SILT AND SAND, purpleish brown greenish brown	
15.0		SSHS-B625-SUB-14-16			0.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B626

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762087.3803 ft **EASTING** 754255.5552 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT WITH SAND, moist, dark brown	
				WELL GRADED SAND WITH CLAY AND GRAVEL, dark brown	0.1
2.5				SILTY SAND, blackish red, similar to brick fragments	
				SILTY SAND WITH GRAVEL, dark brown and dark gray, with sheen	0.1
				SILTY SAND WITH GRAVEL, dark brown	
				POORLY GRADED SAND WITH SILT, dark gray to black	
5.0				WELL GRADED SAND WITH SILT, SAND, few fine gravel, few fine sand, light gray with brown	0.1
				POORLY GRADED SAND WITH SILT AND GRAVEL, dark gray to brown	
7.5					0.1
				POORLY GRADED GRAVEL, moist, dark blackish gray, more moisture towards lower part of core	
				POORLY GRADED GRAVEL WITH SILT AND SAND, moist, reddish brown, more moisture in upper part of the boring	0.1

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B626-SUB-10-12			0.1
12.5		SSHS-B626-SUB-12-14		Loose, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, dark brown Medium dense, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, brown	0.1
15.0		SSHS-B626-SUB-14-16			0
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B627

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/8/17 **COMPLETED** 2/8/17
NORTHING 762073.9795 ft **EASTING** 754306.7938 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, SILT, SILT, moist, brown, low plasticity, few grass roots	
				WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown to black	0.2
2.5					0.3
				WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown to black	
5.0					0.2
				BOULDERS, moist, broken sandstone cobble	
7.5					0.1
				Loose, WELL GRADED SAND WITH GRAVEL, SAND, little fine to coarse gravel, trace black shiny material (ash), moist, brown to black	
				Loose, POORLY GRADED SAND, SAND, moist, brown	0.8
				WELL GRADED SAND, SAND, little fine gravel, trace fine sand, moist, orange to brown	

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BORING B627

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND, SAND, little fine gravel, trace fine sand, moist, brown to black *(continued)*	
					0.7
				POORLY GRADED SAND, SAND, little fine to coarse gravel, trace fine sand, moist, brown	
12.5				Loose, WELL GRADED GRAVEL WITH SAND, GRAVEL, few fine gravel, few sand, moist, gray to black	
		SSHS-B627-SUB-12-14			1.2
				WELL GRADED GRAVEL WITH SAND, GRAVEL, few fine gravel, few sand, moist, brown to greenish gray	
15.0		SSHS-B627-SUB-14-16			1.6
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B628

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762054.5608 ft **EASTING** 754257.7654 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED GRAVEL WITH SAND, dry, dark grayish black to light gray	
				Medium dense, WELL GRADED GRAVEL WITH CLAY AND SAND, moist, tan to brown	2.3
				Medium dense, POORLY GRADED SAND WITH GRAVEL, moist, blackish brown	
2.5				Loose, WELL GRADED GRAVEL WITH SILT, dry, light tannish gray	
				Wood	1.2
				No Recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, dry, dark gray	
				Very loose, WELL GRADED GRAVEL WITH SILT AND SAND, dry, light gray	
5.0				Medium dense to loose, WELL GRADED GRAVEL WITH SAND, moist, dark grayish brown	0.6
				Very loose, WELL GRADED GRAVEL WITH SAND, dry, light gray	
				Medium dense to loose, WELL GRADED GRAVEL WITH SILT AND SAND, moist, grayish brown	
				No Recovery	0.3
7.5				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, moist, grayish brown	
				WELL GRADED GRAVEL WITH SAND, moist, dark brown to black	
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, dry, grayish brown	0.6
				Loose to medium dense, WELL GRADED GRAVEL WITH CLAY AND SAND, moist, brown	

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BORING B628

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No Recovery	0.3
12.5				Medium dense to loose, WELL GRADED GRAVEL WITH SAND, dry to moist, brown	
		SSHS-B628-SUB-12-14		No Recovery	0.6
15.0		SSHS-B628-SUB-14-16			3.4
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B629

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762041.8317 ft **EASTING** 754291.0158 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense, POORLY GRADED GRAVEL WITH CLAY AND SAND, grayish brown and blackish red	1
				Dense, CLAYEY GRAVEL, moist, yellowish brown	
2.5				No Recovery	0.2
				Dense, POORLY GRADED SAND WITH GRAVEL, moist, brownish yellow	
5.0					0.2
				No Recovery	
		SSHS-B629-SUB-6-8			0.2
7.5				Dense, POORLY GRADED SAND, moist, yellowish brown	
				Medium dense, POORLY GRADED SAND WITH GRAVEL, moist, brownish black	
				POORLY GRADED SAND WITH GRAVEL, moist, dark reddish brown	
		SSHS-B629-SUB-8-10			0.2
				No Recovery	

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BORING B629

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No Recovery *(continued)*	0.2
12.5		SSHS-B629-SUB-12-14		Dense, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, brown	0.2
15.0		SSHS-B629-SUB-14-16		No Recovery	0.2
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B630

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762127.5587 ft **EASTING** 754176.6865 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, Broken powdered Concrete	
		SSHS-B630-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	1
2.5		SSHS-B630-SUB-2-4		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, black, hydrocarbon odor	0.9
				No Recovery	
5.0		SSHS-B630-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, black to brownish black	1.9
				Soft, LEAN CLAY, trace fine sand, moist, black to brown, medium plasticity	
		SSHS-B630-SUB-6-8		No Recovery	9.1
7.5				Soft, LEAN CLAY WITH SAND, few fine sand, moist, black to light brownish black	
		SSHS-B630-SUB-8-10		Soft, LEAN CLAY WITH SAND, few fine sand, moist, brown	2.4

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BORING B630

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few fine sand, moist, brown *(continued)*	
		SSHS-B630-SUB-10-12		No Recovery	1.5
12.5				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, gray	
		SSHS-B630-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist to wet, light brown	1.3
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown	
15.0		SSHS-B630-SUB-14-16		No Recovery	1.1
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B631

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762147.2277 ft **EASTING** 754126.0517 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Wood pieces	
		SSHS-B631-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, grayish brown to gray, trace wood	0.6
2.5		SSHS-B631-SUB-2-4		No Recovery	0
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, brownish black to black	
5.0		SSHS-B631-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, brownish black to black	0
		SSHS-B631-SUB-6-8		No Recovery	2.8
7.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, black, little mulch pieces	
		SSHS-B631-SUB-8-10		SILTY SAND, few silt, fine grained, moist to wet, yellowish brown	0.1
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, dry to moist, yellowish brown to brown	

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BORING B631

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B631-SUB-10-12		No Recovery	0.1
12.5		SSHS-B631-SUB-12-14		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to black	
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, blackish brown to reddish brown, powdered reddish rock pieces	0
15.0		SSHS-B631-SUB-14-16		POORLY GRADED GRAVEL WITH SAND, with sand, trace silt, trace rock fragments, coarse grained, dry to moist, gray with brownish black	0
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B632

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762088.5621 ft **EASTING** 754151.7172 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Soft, SILT WITH GRAVEL, dry, light greenish tan	0.4
				Medium stiff, CLAYEY GRAVEL WITH SAND, moist, dark greenish brown	
2.5				No Recovery	0.1
				POORLY GRADED GRAVEL, Gravel appears to have compressed recovery	
				Very dense, CLAYEY GRAVEL WITH SAND, moist, dark brown	
5.0		SSHS-B632-SUB-4-6			0.1
				No Recovery	
		SSHS-B632-SUB-6-8			0.1
7.5				Loose, WELL GRADED GRAVEL WITH CLAY AND SAND, moist, dark brown, well graded	
		SSHS-B632-SUB-8-10		Medium dense, WELL GRADED GRAVEL WITH CLAY AND SAND, moist to wet, brown	0.1
				No Recovery	

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BORING B632

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B632-SUB-10-12		No Recovery *(continued)*	0.1
12.5		SSHS-B632-SUB-12-14		Dense, WELL GRADED GRAVEL WITH SILT AND SAND, moist, brown	
				Dense, CLAYEY GRAVEL WITH SAND, moist, yellowish brown to light pink	0.1
				No Recovery	
15.0		SSHS-B632-SUB-14-16			0.1
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0

12.5

15.0

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BORING B633

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762101.6237 ft **EASTING** 754116.7389 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES Refusal at Aprroximately 14'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, dark grayish black	
				ASPHALT, light grayish black	0.5
				Dense, POORLY GRADED SAND WITH SILT AND GRAVEL, tannish brown	
				Dense, CLAYEY GRAVEL, dark brownish black	
2.5		SSHS-B633-SUB-2-4		Stiff, LEAN CLAY WITH GRAVEL, moist, dark blackish brown, hydrocarbon odor	0.5
				No Recovery	
				Very dense to stiff, GRAVELLY LEAN CLAY, moist to wet, dark brown, hydrocarbon odor, fine to coarse clasts	
5.0		SSHS-B633-SUB-4-6			0.5
				No Recovery	
		SSHS-B633-SUB-6-8			0.5
7.5				Very dense to stiff, GRAVELLY LEAN CLAY, moist, dark brown, fine clasts	
		SSHS-B633-SUB-8-10			0.6
				Loose, WELL GRADED GRAVEL WITH SILT, light gray	
				Very stiff, GRAVELLY SILT WITH SAND, dark blackish brown, hydrocarbon odor	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Very stiff, GRAVELLY SILT WITH SAND, dark blackish brown, hydrocarbon odor *(continued)*	
		SSHS-B633-SUB-10-12		No Recovery	0.5
				Very stiff, SANDY LEAN CLAY, dark brownish brown, medium plasticity, hydrocarbon odor	
12.5		SSHS-B633-SUB-12-14			0.5
				Medium dense, SILTY GRAVEL WITH SAND, dark black, hydrocarbon odor	
				Loose, WELL GRADED GRAVEL WITH SILT, light whiteish gray	
		Refusal at ~14'			
				Stiff, SILT WITH GRAVEL, tannish brown to black	
				No Recovery	
15.0				Refusal at 14.0 feet. Bottom of borehole at 14.0 feet.	
17.5					
20.0					

10.0

12.5

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BORING B634

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762111.904 ft **EASTING** 754096.5474 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B634-SUB-0-2		SILTY GRAVEL WITH SAND, moist, light tan to gray	0.4
				Very dense, CLAYEY GRAVEL, dark brown, red brick powder present	
2.5		SSHS-B634-SUB-2-4			0.6
				No Recovery	
				Loose, SILTY GRAVEL, fine to coarse grained, yellowish brown to reddish brown	
		SSHS-B634-SUB-4-6		SILTY GRAVEL WITH SAND, moist to wet, dark brown	0.7
5.0					
				Medium plasticity, No Recovery	0.4
7.5					
		SSHS-B634-SUB-8-10		LEAN CLAY WITH SAND, moist to wet, dark gray to brown	0.5
				Medium dense, SILTY GRAVEL WITH SAND, moist, dark gray, black sheen	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Medium dense, SILTY GRAVEL WITH SAND, moist, dark gray, black sheen *(continued)*	0.5
				Fallback, wet material	
12.5		SSHS-B634-SUB-12-14			0.5
				Medium dense, SILTY GRAVEL WITH SAND, moist, light yellowish brown, Core damaged, Sample collected from lower half of core	
15.0		SSHS-B634-SUB-14-16			0.4
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B635

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762136.8717 ft **EASTING** 754101.8999 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium stiff, SILT, moist, brown, medium plasticity, Topsoil	
		SSHS-B635-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown	0
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, black to brownish black, trace crushed yellow brick	
2.5		SSHS-B635-SUB-2-4		No Recovery	0
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to black	
5.0		SSHS-B635-SUB-4-6		Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to black	0
				No Recovery	
		SSHS-B635-SUB-6-8			0
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to reddish black	
		SSHS-B635-SUB-8-10		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, grayish brown to brownish black	0

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BORING B635

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, grayish brown to brownish black *(continued)*	
		SSHS-B635-SUB-10-12		No Recovery	0
12.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine gravel, moist, gray to black	
		SSHS-B635-SUB-12-14		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine gravel, moist, gray to black, powdered grey rock	0
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few sand, moist, blackish brown to grayish brown	
15.0		SSHS-B635-SUB-14-16		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few sand, moist, greenish brown	0
				Broken powdered grayish rock	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B636

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762036.7604 ft **EASTING** 754126.4813 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B636-SUB-0-2		Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, dry to moist, brown	0.6
				Medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, light brown to dark brown	
2.5					
		SSHS-B636-SUB-2-4		No Recovery	0.6
				Medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, dark brown	
		SSHS-B636-SUB-4-6		Medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, dry to moist, light brown to yellow	0.6
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B637

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762058.2111 ft **EASTING** 754068.5613 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B637-SUB-0-2		Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, light brown to dark brown, trace powdered red bricks	1.1
2.5				No Recovery	
		SSHS-B637-SUB-2-4			0.3
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist to wet	
5.0		SSHS-B637-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist	0.5
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B638

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762094.0427 ft **EASTING** 753998.3288 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B638- SUB 0-2		WELL GRADED SAND WITH SILT AND GRAVEL, moist, brown to black, Trace shiny black material	0
				Concrete and Red Brick Powder	
2.5				Medium dense, WELL GRADED SAND, SAND, with gravel, trace silt, moist, brownish black	
		SSHS-B638- SUB 2-4		No Recovery	0
				Loose, ASPHALT, dry to moist, gray, Fallback	
5.0		SSHS-B638- SUB 4-6		Medium soft, SILT WITH SAND, SILT, with fine sand, fine grained, moist, dark blackish brown with yellowish brown, poorly graded, medium plasticity	0
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B639

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762136.8734 ft **EASTING** 754030.9481 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B639-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, light brown	0.6
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, dark brown to black, medium dense	
2.5		SSHS-B639-SUB-2-4		No Recovery	0.6
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, dark brown to black, few powdered red bricks	
5.0		SSHS-B639-SUB-4-6		No Recovery	0.6
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B64

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753799 ft **EASTING** 762703 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			WELL GRADED SAND WITH GRAVEL, dry to moist, brown, fill material	0
			Black, ash like material	0
2.5				0
				0
5.0				0
				0
				0
7.5				0
				0.1

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BORING B64

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Soft, SILT, moist, brown	0
				0
12.5			Dense, WELL GRADED GRAVEL WITH SAND, trace silt, wet, light brown	0
				0
				0
15.0				0
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B640

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762104.5201 ft **EASTING** 753920.1649 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B640-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace silt, moist, brown to dark brown	0.5
2.5		SSHS-B640-SUB-2-4		No Recovery	0.2
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, light brown to blackish brown	
5.0		SSHS-B640-SUB-4-6		Loose to medium dense, SILTY SAND WITH GRAVEL, trace fine gravel, moist, yellowish brown	0.1
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B641

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762012.2712 ft **EASTING** 753963.2417 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B641-SUB-0-2		Loose, WELL GRADED SAND WITH GRAVEL, trace fine to coarse gravel, dry to moist, brown to light brown, few powdered red brick	0.4
				Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace silt, moist, dark brown to blackish brown	
2.5		SSHS-B641-SUB-2-4		Loose, SILTY SAND WITH GRAVEL, few fine gravel, moist, greenish brown to blackish brown	0.1
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, few fine to medium gravel, moist, dark brown to blackish brown, pieces of broken red brick	
5.0		SSHS-B641-SUB-4-6		Loose to medium dense, SILTY SAND WITH GRAVEL, few silt, trace gravel, fine grained, moist, yellowish brown	0.1
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B642

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762044.8943 ft **EASTING** 753882.4424 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B642-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, dry to moist, light yellowish brown to dark brown	4.2
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, dark brown to black	
2.5		SSHS-B642-SUB-2-4		No Recovery	1.1
				WELL GRADED SAND WITH SILT AND GRAVEL, trace rock fragments, moist, light brown to dark greenish brown	
5.0		SSHS-B642-SUB-4-6		No Recovery	0.1
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B643

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 761985.9538 ft **EASTING** 753896.1092 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B643-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, trace black shiny material (ash), few fine to coarse gravel, trace rock fragments, moist, brown	0
2.5		SSHS-B643-SUB-2-4		No Recovery	0
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine gravel, trace silt, moist, blackish brown	
5.0		SSHS-B643-SUB-4-6		SILT WITH SAND, few fine sand, moist, yellowish brown, medium plasticity	0
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B644

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762253.3417 ft **EASTING** 754249.2261 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Construction debris	
				Dense, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, dark brown, Hand cleared	
2.5					
				Dense, POORLY GRADED GRAVEL WITH SILT AND SAND, moist, dark brown, Hand cleared	
5.0					
				Dense, SILTY GRAVEL WITH SAND, moist, grayish brown	
				Very dense, CLAYEY GRAVEL, moist, blackish brown	
				Very loose, POORLY GRADED GRAVEL, brownish gray, Average clast size is 1"	
				Very stiff, LEAN CLAY WITH GRAVEL, moist, dark brown to black, low plasticity	0.2
7.5					
				No Recovery	
					0.2

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				POORLY GRADED GRAVEL, tannish brown, Brick	
		SSHS-B644-SUB-10-12		Dense, SILTY SAND WITH GRAVEL, moist, yellowish brown	0.1
				No Recovery	
12.5		SSHS-B644-SUB-12-14			0.1
				Medium dense, SILTY SAND WITH GRAVEL, moist, dark brown, Average clast 10-15mm	
				Very loose, POORLY GRADED GRAVEL WITH SAND, light gray, angular	
15.0		SSHS-B644-SUB-14-16		No Recovery	2.4
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B645

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762195.3064 ft **EASTING** 754249.9906 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft to medium stiff, SILT, moist, brown, topsoil	
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, trace rock fragments, few silt, moist, brown to blackish brown	0.3
				No Recovery	
2.5					0.3
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, dark brown to blackish brown, slight sheen towards base, trace powdered brick	
5.0					0.3
				No Recovery	
		SSHS-B621-SUB-6-8			0.4
7.5				WELL GRADED GRAVEL WITH SAND, trace rock fragments, trace rock fragments, fine to coarse grained, moist, brown to black	
				No Recovery	
		SSHS-B621-SUB-8-10			0.4

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B621-SUB-10-12		No Recovery *(continued)*	0.3
12.5		SSHS-B621-SUB-12-14		WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown to greenish brown	0.4
				WELL GRADED GRAVEL, trace fine sand, fine to coarse grained, moist, hydrocarbon odor	
15.0		SSHS-B621-SUB-14-16		No Recovery	2.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B646

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762216.8259 ft **EASTING** 754244.5255 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft to medium stiff, SILT, moist, brown, topsoil	
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace silt, trace rock fragments, moist, brown to blackish brown, Greenish color near base 6"	0.1
2.5					0.1
				No Recovery	
				Very loose, WELL GRADED SAND, dry to moist, yellow greenish, hydrocarbon odor	
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, dark brown to black, hydrocarbon odor	0.1
5.0				WELL GRADED GRAVEL WITH SAND, trace fine gravel, few sand, coarse grained, moist, gray with brown, hydrocarbon odor	
				No Recovery	0.1
7.5				Very loose, WELL GRADED SAND, moist, black, trace powdered yellow brick	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown	0.1
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist to wet, brown	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown *(continued)*	
		SSHS-B646-SUB-10-12		No Recovery	0.6
12.5		SSHS-B646-SUB-12-14		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown to greenish brown	0.3
15.0		SSHS-B646-SUB-14-16		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, greenish brown, hydrocarbon odor WELL GRADED GRAVEL, trace fine sand, fine to coarse grained, wet, gray No Recovery	0.6
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B647

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762129.3343 ft **EASTING** 754137.575 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium stiff, SILT, moist, grayish brown to blackish brown, medium plasticity, topsoil	
		SSHS-B647-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist to wet, blackish brown	0.8
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few gravel with rock fragments, trace black shiny material (ash), moist, blackish brown	
2.5				No Recovery	0.9
				Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, light brown to dark brownish black	1.1
5.0				No Recovery	0.9
7.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to brownish black	1.2
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No Recovery *(continued)*	0.9
12.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, dry to moist, brown to blackish brown	1.1
				Powdered red brick pieces	
15.0		SSHS-B647-SUB-14-16		Medium dense to dense, POORLY GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown to light yellowish brown	1.1
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B648

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 762216.2211 ft **EASTING** 754100.2148 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B648-SUB-0-2		Soft to medium dense, SILT, moist, brownish gray to brown, medium plasticity	0.3
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace black shiny material (ash), moist, brown to blackish brown, trace broken pieces of reddish brown rock	
				No Recovery	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B649

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762130.6272 ft **EASTING** 754283.2177 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT WITH SAND, moist, yellow to brown, roots in upper 2 inches	
				Loose, SILTY SAND WITH GRAVEL, light gray	
				Loose, SILTY SAND WITH GRAVEL, moist, light brown to dark brown	1.8
				Pieces of red brick	
				POORLY GRADED GRAVEL WITH SAND, dark brown to black, black sheen	
2.5				WELL GRADED SAND WITH SILT AND GRAVEL, light tan to gray	
		SSHS-B649-SUB-2-4		Stiff, LEAN CLAY, moist, dark gray with tan	
				No Recovery	0.6
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B65

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753702 ft **EASTING** 762742 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, fill material	0.2
			Black, ash like material	0.1
2.5				0
				0.6
5.0				0.3
				0
				0
7.5			Dense, SANDY SILT, moist, light brown	0
				0

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BORING B65

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Dense, SANDY SILT, moist, light brown *(continued)*	0
				0
			Loose, GRAVELLY SILT, some sand, fine grained, light brown	0
12.5				0
				0
15.0				0
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

10.0

12.5

15.0

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BORING B650

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762254.0622 ft **EASTING** 754223.5343 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, Powdered Concrete	
		SSHS-B650-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine sand, few silt, trace rock fragments, moist to wet, brown	0.2
2.5		SSHS-B650-SUB-2-4		No Recovery	0.2
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown	
				Loose to very loose, dry to moist, Broken Concrete	
5.0		SSHS-B650-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown	0.3
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown to black, hydrocarbon odor	
		SSHS-B650-SUB-6-8		No Recovery	0.3
7.5				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, trace rock fragments, fine to coarse grained, moist, brown to dark brown	
		SSHS-B650-SUB-8-10			0.4

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BORING B650

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B650-SUB-10-12		No Recovery	2.6
12.5		SSHS-B650-SUB-12-14		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, moist, brown	
				Loose, rock fragments	
				WELL GRADED GRAVEL WITH SAND, few fine sand, trace rock fragments, moist, gray, hydrocarbon odor	0.3
15.0		SSHS-B650-SUB-14-16		No Recovery	0.3
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B651

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762287.038 ft **EASTING** 754236.042 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, dry to moist, Broken Concrete	
		SSHS-B651-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown to dark brown	0.1
2.5		SSHS-B651-SUB-2-4		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, dry to moist, yellowish brown	0.2
				No Recovery	
5.0		SSHS-B651-SUB-4-6		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown to light brown	0.2
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, trace rock fragments, moist, black, trace powdered red brick	
		SSHS-B651-SUB-6-8		Soft, LEAN CLAY, trace rock fragments, moist, brown, medium plasticity	0
7.5				No Recovery	
				Soft, LEAN CLAY, moist, brown, medium plasticity	
		SSHS-B651-SUB-8-10		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, brown	0.1
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, moist, reddish brown	

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BORING B651

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED GRAVEL WITH SILT AND SAND, few fine sand, few silt, fine to coarse grained, moist to wet *(continued)*	
				No Recovery	
		SSHS-B651-SUB-10-12			0.1
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
12.5		SSHS-B651-SUB-12-14			0.1
				COBBLES, rock fragments, reddish brown	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
				No Recovery	
15.0		SSHS-B651-SUB-14-16			0.2
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B652

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762228.401 ft **EASTING** 754214.3901 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, dry to moist, brown, Broken Concrete	
		SSHS-B652-SUB-0-2		No Recovery	1.6
2.5		SSHS-B652-SUB-2-4		Loose, dry, gray, Broken Concrete	0.9
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist to wet, dark brown to blackish brown	
5.0		SSHS-B652-SUB-4-6		Hydrocarbon odor, Wood pieces	1.4
				Rock fragments, red to brown	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, red to brown	
		SSHS-B652-SUB-6-8		No Recovery	117.2
7.5					
		SSHS-B652-SUB-8-10		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, dark brown to black	19.3

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BORING B652

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
				Rock fragments, dry, some crushed rock powder	
		SSHS-B652-SUB-10-12		No Recovery	4.8
12.5				Loose to very loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
		SSHS-B652-SUB-12-14		Rock fragments, few fine to coarse sand	5.3
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	
				No Recovery	
15.0		SSHS-B652-SUB-14-16			2.1
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B653

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762197.0942 ft **EASTING** 754202.7128 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED GRAVEL, medium to coarse grained, moist, gray to black	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	1.1
2.5				No Recovery	0.8
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, dark brown to brownish black	
5.0		SSHS-B653-SUB-4-6			0.7
				No Recovery	
		SSHS-B653-SUB-6-8			0.7
7.5					
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, moist, brown to dark brown	
		SSHS-B653-SUB-8-10			0.7
				No Recovery	

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BORING B653

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B653-SUB-10-12		No Recovery *(continued)*	0.8
12.5		SSHS-B653-SUB-12-14		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown to brown Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, dry to moist, greenish brown	0.8
15.0		SSHS-B653-SUB-14-16		WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist to wet, gray to brown, hydrocarbon odor No Recovery	27.1
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B654

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762198.2708 ft **EASTING** 754175.9158 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, Mulch material	
				Medium stiff, SILT, moist, brown to blackish brown, medium plasticity, topsoil	
		SSHS-B654-SUB-0-2			0.9
				Few sand, yellowish, Powdered broken rock	
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, dry to moist, yellowish brown to black	
2.5		SSHS-B654-SUB-2-4		No Recovery	0.9
				Loose, WELL GRADED SAND WITH GRAVEL, trace silt, few fine to coarse gravel, trace silt, moist, blackish brown	
5.0		SSHS-B654-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, yellowish brown to brown	1
		SSHS-B654-SUB-6-8		No Recovery	1.3
7.5				Loose, WELL GRADED SAND WITH GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, yellowish brown	
		SSHS-B654-SUB-8-10		Medium dense, WELL GRADED SAND WITH GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, reddish brown	1.2
				Medium dense, WELL GRADED SAND WITH GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, yellowish brown	

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BORING B654

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Medium dense, WELL GRADED SAND WITH GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, yellowish brown *(continued)*	
		SSHS-B654-SUB-10-12			1.3
				No Recovery	
12.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, yellowish brown to blackish brown	
		SSHS-B654-SUB-12-14			1.3
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, blackish brown to grayish brown	
15.0		SSHS-B654-SUB-14-16		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, grayish brown, hydrocarbon odor	61.5
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist to wet, grayish brown, hydrocarbon odor	
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B655

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762167.3677 ft **EASTING** 754207.3312 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown to dark brown, topsoil	
		SSHS-B655-SUB-0-2		Loose, WELL GRADED SAND WITH SILT, trace fine to coarse gravel, few silt, moist, brown	0.1
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, brown to blackish brown, trace broken rock fragments	
2.5		SSHS-B655-SUB-2-4		No Recovery	0.2
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown to dark brown	
5.0		SSHS-B655-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown to light brown	0.3
				Soft, SILTY SAND, some silt, trace gravel, fine grained, moist, brown	
		SSHS-B655-SUB-6-8		No Recovery	0.2
7.5				Loose, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown	
		SSHS-B655-SUB-8-10		No Recovery	0.3

Bottom of borehole at 10.0 feet.

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BORING B656

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762088.2907 ft **EASTING** 754179.9405 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, dry to moist, Broken Concrete	
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, brown	0.6
				Dry, Powdered rock fragments	
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few fine sand, trace rock fragments, moist, brown	
2.5				No Recovery	0.6
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown	0.6
5.0				No Recovery	0.6
7.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, brown	0.7

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BORING B656

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No Recovery *(continued)*	
		SSHS-B656-SUB-10-12			0.7
12.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, few rock fragments, moist, brown to dark brown	
		SSHS-B656-SUB-12-14			0.8
				No Recovery	
15.0		SSHS-B656-SUB-14-16			0.8
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B657

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762084.5066 ft **EASTING** 754272.7204 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, SILT, moist, brown, topsoil	
				WELL GRADED SAND WITH GRAVEL, SAND, some fine to coarse gravel, moist, brown to black	0
2.5					0
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, moist to wet, brown	
5.0				LEAN CLAY WITH GRAVEL, moist, dark gray with brown, hydrocarbon odor, black sheen	3.2
				No Recovery	5.3
7.5				LEAN CLAY WITH SAND, moist, dark gray with brown, hydrocarbon odor, black sheen	
				Dense, POORLY GRADED SAND WITH GRAVEL, fine to coarse grained, brown	2.8
				No Recovery	

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BORING B657

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery *(continued)*	0.8
12.5				Medium dense, SILTY GRAVEL WITH SAND, moist, orange to brown	1.4
				No Recovery	
15.0		SSHS-B657-SUB-14-16			0.9
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B657(preclear)

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/8/17 **COMPLETED** 2/8/17
NORTHING 754272.7204 ft **EASTING** 762084.5066 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES Refusal at 10'

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SANDY ELASTIC SILT, SILT, moist, dark brown, topsoil	
				WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown	
2.5					
				SILTY GRAVEL WITH SAND, very dark brown to blackish brown, hydrocarbon odor, Wood chips, black sheen on pebbles	0.5
5.0					
				No Recovery	0.6
7.5		Refusal at 10' depth , no intact core recovered, concrete in shoe			

Bottom of borehole at 10.0 feet.

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BORING B658

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762127.5406 ft **EASTING** 754121.6808 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Cleared mulch and cut through geofabric before boring		Wood Mulch	
				Medium stiff, SILT, moist, brown, topsoil	
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, brown to brown, trace reddish brick	0.5
2.5				Blackish, No Recovery	0
				WELL GRADED SAND WITH SILT AND GRAVEL, trace black shiny material (ash), few fine to coarse gravel, trace rock fragments, moist, dark brown	0
5.0				No Recovery	0
7.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to black	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, trace rock fragments, moist, brown to black, trace powdered brick	2

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BORING B658

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, trace rock fragments, moist, brown to black, trace powdered brick *(continued)*	0.5
				No Recovery	
12.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brownish black to grayish brown, slight black staining at 14'	0
15.0		SSHS-B658-SUB-14-16		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown	0
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B659

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762148.8775 ft **EASTING** 754152.8417 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Cleared mulch and cut through Geofabric before boring		Stiff, SILT, moist, blackish brown, medium plasticity, topsoil	
				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, brown to grayish brown	0.4
2.5				No Recovery	0
				Loose, rock fragments	
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, blackish brown with red, trace powdered red brick	0
5.0				No Recovery	
7.5					0
				Rock fragments, red	
		SSHS-B659-SUB-8-10		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, reddish brown to brown	0
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, dry to moist, grayish brown to brown	

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BORING B659

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B659-SUB-10-12		No Recovery	0
12.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few gravel, few rock fragments, moist, black, trace mulch	
		SSHS-B659-SUB-12-14		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, brown, more mositure towards base	0
15.0		SSHS-B659-SUB-14-16		No Recovery	0.3
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B66

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753769 ft **EASTING** 762634 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, fill material	0.1
				0.1
2.5				0.1
				0
5.0				0
				0
				0
7.5				

Refusal at 8.0 feet.
Bottom of borehole at 8.0 feet.

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BORING B660

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 762194 ft **EASTING** 754148 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Drilled after clearing mulch cutting thru geofabric.		Soft to medium dense, SILT, moist, dark brown, medium plasticity, topsoil	
		SSHS-B660-SUB-0-2		Soft to medium dense, SILT, moist, dark yellowish brown, medium plasticity, topsoil	2
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few fine sand, moist, brown to blackish brown	
2.5				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, yellowish brown to blackish brown	
		SSHS-B660-SUB-2-4		No Recovery	0.7
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, dark brown to blackish brown	
5.0		SSHS-B660-SUB-4-6		No Recovery	0.7
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B661

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762159 ft **EASTING** 754248 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft to medium stiff, SILT, moist, brown, topsoil	
		SSHS-B661-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, brown	0.3
2.5		SSHS-B661-SUB-2-4		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace black shiny material (ash), moist, dark brown to blackish brown	0.3
				No Recovery	
5.0		SSHS-B661-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to black	0.3
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B662

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 762181 ft **EASTING** 754175 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium dense, SILT, moist, grayish brown, medium plasticity	
		SSHS-B662-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few rock fragments, dry to moist, yellowish brown	2.2
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, some rock fragments, dry to moist, yellowish brown	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few rock fragments, dry to moist, yellowish brown to blackish brown	
2.5				Broken Crushed Rock	
		SSHS-B662-SUB-2-4		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few fine sand, trace black shiny material (ash), moist, blackish brown to black	0.7
				No Recovery	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, black to grayish black	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, blackish brown to grayish brown	
5.0		SSHS-B662-SUB-4-6			0.5
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B663

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 762209 ft **EASTING** 754117 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Drilled after removing mulch, cutting thru geofabric.		SILT, moist, brown to grayish brown, medium plasticity, topsoil	
		SSHS-B663-SUB-0-2		Broken Rock fragments	0.3
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few gravel with rock fragments, trace black shiny material (ash), moist, brown to blackish brown, trace red brick	
2.5		SSHS-B663-SUB-2-4			0.3
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B664

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/15/17 **COMPLETED** 2/15/17
NORTHING 761842 ft **EASTING** 754761 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B664-SUB-0-2		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, yellowish brown to brown	0.2
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, blackish brown to black	
2.5				Loose to medium dense, POORLY GRADED GRAVEL WITH SILT AND SAND, few sand, trace rock fragments, few silt, coarse grained, dry to moist	
		SSHS-B664-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few coarse gravel, trace rock fragments, moist, brown	
				No Recovery	0.6
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B665

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762161 ft **EASTING** 754107 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Boring begun after clearing mulch and cutting through Geofabric		Medium stiff, SILT, moist, brownish gray, medium plasticity, topsoil	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist, gray to black, trace red brick powder	0
2.5				No Recovery	0
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few manganese, trace rock fragments, moist, yellowish brown to black, trace red brick powder	
5.0		SSHS-B665-SUB-6-8		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few manganese, trace rock fragments, moist, yellowish brown to blackish brown, trace red brick powder	0
7.5				No Recovery	0
				Bottom of borehole at 8.0 feet.	

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BORING B666

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762147 ft **EASTING** 754200 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, dark brown to blackish brown	0.1
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few black shiny material (ash), moist, dark brown to blackish brown	
				Loose, black shiny material (ash), some sand, few fine gravel, black with brown	
2.5				No Recovery	0.1
				Soft to medium stiff, SILTY SAND, some silt, moist to wet, dark brown	
5.0				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace silt, moist, light yellowish brown to greenish brown	0.2
				No Recovery	0.3
7.5				Loose, WELL GRADED GRAVEL WITH SAND, some sand, fine to coarse grained, moist, greenish brown with brown	
		SSHS-B666-SUB-8-10		No Recovery	0.3

Bottom of borehole at 10.0 feet.

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BORING B667

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762105 ft **EASTING** 754215 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, Silt	
				SILTY GRAVEL WITH SAND, moist, brown to black	0
2.5					0
				Loose, SILTY SAND WITH GRAVEL, moist to wet, brown	
5.0				Dense, WELL GRADED GRAVEL WITH SILT AND SAND, dark brown	3.6
				Very loose, WELL GRADED GRAVEL, light gray	
				Dense, POORLY GRADED SAND WITH CLAY AND GRAVEL, dark brown	
				Very loose, WELL GRADED GRAVEL, light gray	
7.5				Dense, POORLY GRADED SAND WITH CLAY AND GRAVEL, dark brown	1.4
				No Recovery	
				GRAVELLY SILT WITH SAND, few fine to coarse gravel, few sand, wet, brown	1.4

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BORING B667

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				GRAVELLY SILT WITH SAND, few fine to coarse gravel, few sand, wet, brown *(continued)*	
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist to wet, brown to black	
		SSHS-B667-SUB-10-12			1.4
				No Recovery	
12.5				SANDY SILT WITH GRAVEL, few fine gravel, few sand, moist to wet, brown	
		SSHS-B667-SUB-12-14			0.8
				Loose, WELL GRADED GRAVEL WITH SAND, moist, brown to dark brown, rounded	
				No Recovery	
15.0		SSHS-B667-SUB-14-16			1.1
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B668

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/9/17 **COMPLETED** 2/9/17
NORTHING 762101 ft **EASTING** 754321 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				LEAN CLAY WITH GRAVEL, moist, brown, roots in top 1-2" of core	
				Loose, WELL GRADED SAND WITH GRAVEL, dry, grayish brown	0.1
				Medium stiff, CLAYEY GRAVEL WITH SAND, moist, reddish brown	
2.5				No Recovery	0.1
				CLAYEY GRAVEL WITH SAND, moist, brown to dark gray	
				Loose, POORLY GRADED SAND WITH GRAVEL, light gray	
5.0				SILTY GRAVEL WITH SAND, moist, dark grayish brown, bright red fragments in upper 2 inches and lower 4 inches	0.7
				No Recovery	0.7
7.5				SILTY GRAVEL WITH SAND, moist, dark grayish brown, moist in upper 2 inches , broken red brick fragments	0.4
				Wood pieces	
				Loose, POORLY GRADED GRAVEL WITH SAND, light white to gray	

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BORING B668

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose, POORLY GRADED GRAVEL WITH SAND, light white to gray *(continued)*	
				No Recovery	
		SSHS-B668-SUB-10-12			1.9
				Loose, WELL GRADED SAND WITH GRAVEL, SAND, trace fine gravel, little fine to coarse gravel, moist, brown to black, trace powdered red brick	
12.5		SSHS-B668-SUB-12-14			0.3
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B669

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/13/17 **COMPLETED** 2/13/17
NORTHING 762199 ft **EASTING** 754232 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft to medium stiff, SILT, moist, brown, topsoil	
				Loose to medium dense, WELL GRADED SAND, some fine to coarse gravel, moist, brown to greenish black	0.3
2.5				Loose to medium dense, WELL GRADED SAND, some fine to coarse gravel, trace black shiny material (ash), moist, brown to greenish black	0.2
				No Recovery	
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, trace black shiny material (ash), moist, brown to blackish brown	0.2
5.0				No Recovery	0.2
7.5				Loose, WELL GRADED GRAVEL, few fine sand, some rock fragments, moist	
				No Recovery	0.2

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BORING B669

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No Recovery *(continued)*	
		SSHS-B669-SUB-10-12			0.4
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, trace rock fragments, moist, brown	
12.5		SSHS-B669-SUB-12-14			0.8
				WELL GRADED GRAVEL, trace silt, wet, gray, hydrocarbon odor	
				No Recovery	
15.0		SSHS-B669-SUB-14-16			2.6
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B67

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753674 ft **EASTING** 762684 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			WELL GRADED SAND WITH GRAVEL, fill material	0
			Black, fill material, ash like material	0
2.5				0
				0.1
5.0				0
				0
				0
7.5				0.1
			Very dense, WELL GRADED GRAVEL WITH SAND, trace silt, fine to medium grained, moist, orangeish brown	0.1

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BORING B67

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Very dense, WELL GRADED GRAVEL WITH SAND, trace silt, fine to medium grained, moist, orangeish brown *(continued)*	0.1
				0.1
12.5			Becomes wet	0
				0
				0
15.0				0
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B670

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/14/17 **COMPLETED** 2/14/17
NORTHING 762110 ft **EASTING** 754156 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Very loose, WELL GRADED SAND WITH GRAVEL, few fine gravel, moist, brown	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to blackish brown	2.4
2.5				No Recovery	1.4
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, moist to wet, brown to black	
5.0				Hydrocarbon odor, Wooden pieces	4.2
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few fine sand, moist, brown to blackish brown	
				To loose, Broken Concrete	
				No Recovery	2.4
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few fine sand, trace rock fragments, moist, brown to grayish brown	1.8
				Moist, dark red brick, partly crushed	

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BORING B670

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, brown to blackish brown *(continued)*	
				No Recovery	2.4
12.5				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to brownish black, trace powdered red brick	
				Dry, gray, powdered concrete	
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, brown to brown	1.8
15.0		SSHS-B670-SUB-14-16		No Recovery	1.4
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B671

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/10/17 **COMPLETED** 2/10/17
NORTHING 762079 ft **EASTING** 754294 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, topsoil	
				Loose, WELL GRADED SAND WITH GRAVEL, moist, brown to black, handcleared	0.1
2.5					0.2
				Stiff, CLAYEY GRAVEL, fine grained, moist, brown	
5.0				GRAVELLY SILT, dark gray to black, hydrocarbon odor, some black sheen	18.9
				Stiff, SILT WITH GRAVEL, moist, orangeish brown, black sheen	
				No Recovery	5.5
7.5				Medium stiff, SANDY SILT, moist, dark	
				Dense, POORLY GRADED SAND WITH GRAVEL, moist, yellowish brown	8.8
				No Recovery	

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BORING B671

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B671-SUB-10-12		No Recovery *(continued)*	2.4
12.5		SSHS-B671-SUB-12-14		WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse grained, moist, brown to gray	3
				No Recovery	
15.0		SSHS-B671-SUB-14-16			1.9
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B671(Refusal)

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/8/17 **COMPLETED** 2/8/17
NORTHING 754294.0213 ft **EASTING** 762078.5007 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES Refusal at 10' (Check original planned depth)

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SANDY ELASTIC SILT, dark brown, topsoil	
				WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown, some water in bottom of hand clear	0
2.5					0
				SILTY GRAVEL WITH SAND, moist to wet, dark brown	
5.0				SILTY GRAVEL WITH SAND, moist to wet, black to brown, hydrocarbon odor, black sheen	55
				No Recovery	2.5
7.5				SILTY GRAVEL WITH SAND, moist, dark brown	
				Broken red brick fragments	
				POORLY GRADED GRAVEL WITH SILT AND SAND, moist, dark brown	2.1
		Refusal at 10'.Concrete		No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B671(Refusal)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		found in shoe.			
12.5					
15.0					
17.5					
20.0					

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BORING B672

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762174 ft **EASTING** 754126 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Boring begun after clearing mulch and cutting through geofabric		Medium stiff, SILT, moist, gray, medium plasticity, topsoil	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, dry to moist, gray to grayish brown	0.2
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace black shiny material (ash), dry to moist, brownish black to black	
2.5				No Recovery	0.3
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, moist, black	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, trace rock fragments, moist, reddish brown	0.2
5.0		SSHS-B672-SUB-6-8			0.2
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B673

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/16/17 **COMPLETED** 2/16/17
NORTHING 762215 ft **EASTING** 754183 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, light yellowish brown to reddish brown	0.3
2.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few fine to coarse gravel, few silt, trace rock fragments, moist, light grayish brown to black	0.2
				No Recovery	
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few fine sand, moist, brown to blackish brown	
5.0				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, few fine sand, moist, yellowish brown to reddish brown	0.2
				No Recovery	0.1
7.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, yellowish brown to reddish brown	
		SSHS-B673-SUB-8-10			0.1

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BORING B673

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, some rock fragments, moist, grayish brown *(continued)*	
		SSHS-B673-SUB-10-12		No Recovery	0.1
12.5				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, reddish brown	
		SSHS-B673-SUB-12-14		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, yellowish brown to grayish brown	4.9
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few fine to coarse gravel, moist, grayish brown	
15.0		SSHS-B673-SUB-14-16		No Recovery	0.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B674

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754650.757 ft **EASTING** 761875.782 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
		SSHS-B674-SUB-0-2		Medium dense, SILTY GRAVEL WITH SAND, fine to medium gravel, fine to coarse sand, moist, orangeish brown to dark brown	21.3
				No Recovery	
2.5		SSHS-B674-SUB-2-4			24.7
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B675

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754638.621 ft **EASTING** 761785.729 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Concrete	
		SSHS-B675-SUB-0-2		Medium dense, WELL GRADED GRAVEL WITH SAND, fine to coarse sand, fine gravel, dry, dark brown	15.3
2.5		SSHS-B675-SUB-2-4		POORLY GRADED SAND, fine grained, dry to moist, orange to brown	22.6
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B676

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754622.947 ft **EASTING** 761837.016 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium dense, SILTY SAND, roots, dry, dark brown, non plastic	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine sand, fine to coarse gravel, moist, red to dark brown	
		SSHS-B676-SUB-0-2		Dense, SILTY GRAVEL WITH SAND, fine sand, fine to coarse gravel, moist, dark brown to reddish brown to yellowish brown	9.1
2.5		SSHS-B676-SUB-2-4		No Recovery	15.1
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B677

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754692.211 ft **EASTING** 761689.71 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, moist, brown, low plasticity, Topsoil	
		SSHS-B677-SUB-0-2		Loose, SILTY SAND WITH GRAVEL, fine gravel, fine to medium grained, dark brown to black	1.5
				Very loose, WELL GRADED GRAVEL WITH SAND, fine to coarse grained, light tan to gray	
2.5		SSHS-B677-SUB-2-4		Loose, SILTY GRAVEL WITH SAND, fine to coarse grained, moist, pinkish orange to brown	2
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B678

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754673.115 ft **EASTING** 761734.597 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, low plasticity, earthworm in core	
		SSHS-B678-SUB-0-2		SILTY SAND WITH GRAVEL, moist, brownish red to yellow, fines have low plasticity	2.1
2.5				No Recovery	
		SSHS-B678-SUB-2-4			2.1
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B679

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754116.571 ft **EASTING** 762066.874 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	MATERIAL DESCRIPTION	PID (ppm)
			White, Concrete	
			Dense, SILTY GRAVEL WITH SAND, dry to moist, brown to dark brown, Grades from dry to moist from top to bottom of core	47.9
2.5		SSHS-B679-SUB-2-4	No Recovery	47.1
			SANDY SILT, moist, dark brown	
			SILTY GRAVEL, fine to coarse grained, dry, light gray to tan	
5.0		SSHS-B679-SUB-4-6	Medium dense, SILTY SAND WITH GRAVEL, dry, light orangeish brown, non plastic	48.4
			Dense, CLAYEY SAND WITH GRAVEL, fine to coarse grained, moist, dark brown, hydrocarbon odor	
			No Recovery	63.2
7.5			Dense, CLAYEY SAND WITH GRAVEL, fine grained, moist, dark brown	
			Loose, GRAVELLY SILT WITH SAND, fine gravel, fine to coarse sand, light brownish tan	44.6
			GRAVELLY LEAN CLAY, moist, dark brown, low plasticity, wood pieces present	

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BORING B679

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	MATERIAL DESCRIPTION	PID (ppm)
			GRAVELLY LEAN CLAY, moist, dark brown, low plasticity, wood pieces present *(continued)*	
		SSHS-B679-SUB-10-12	SILTY SAND, construction debris, dry, dark brown to black, hydrocarbon odor, wood, cement (made of volcanics-gray-black) pieces of brick	57.3
			SILT WITH GRAVEL, fine gravel, dark brown	
		SSHS-B679-SUB-12-14	Loose, SILTY SAND WITH GRAVEL, fine gravel, fine to coarse grained, dry, light tannish brown	45.6
			SILTY SAND, black shiny material (ash), dark brown to black, hydrocarbon odor	
		SSHS-B679-SUB-14-16	Medium dense, SILTY GRAVEL WITH SAND, fine grained, light brown	45.9
			No Recovery	

Bottom of borehole at 16.0 feet.

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BORING B68

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753740 ft **EASTING** 762578 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.2
			WELL GRADED GRAVEL WITH SAND, fill material, bricks	0.1
				0.1
2.5				0.1
				0
				0
5.0				0.8
				0.2
				2.5
				2.1
				0.7
7.5				0.8
			Refusal at 8.0 feet. Bottom of borehole at 8.0 feet.	

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BORING B680

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754133.364 ft **EASTING** 762084.101 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, dark grayish black	
				Dense, SILTY SAND WITH GRAVEL, dry, light brown	7
				Dense, SILTY GRAVEL WITH SAND, some black shiny material (ash), moist, dark brown	
2.5		SSHS-B680-SUB-2-4			0.8
				No Recovery	
				Loose, WELL GRADED SAND WITH GRAVEL, moist, dark brown	
				GRAVEL, and rock fragments, light gray	
				Dense, POORLY GRADED SAND, moist, dark brownish black	
5.0		SSHS-B680-SUB-4-6		GRAVELLY SILT WITH SAND, moist to wet, dark brown, low plasticity	0.6
					1.8
7.5				No Recovery	
				GRAVELLY SILT WITH SAND, moist, dark brown, low plasticity	
				Red Brick	
				Dense, GRAVELLY SILT WITH SAND, moist, hydrocarbon odor	
				Loose, POORLY GRADED GRAVEL WITH SAND, dry, tannish brown	0.9
				Very dense, POORLY GRADED GRAVEL WITH CLAY AND SAND, moist, dark tannish brown with red and yellow, mottled, hydrocarbon odor	

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BORING B680

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B680-SUB-10-12		Very dense, POORLY GRADED GRAVEL WITH CLAY AND SAND, moist, dark tannish brown with red and yellow, mottled, hydrocarbon odor *(continued)*	0.7
12.5		SSHS-B680-SUB-12-14		Very dense, POORLY GRADED GRAVEL WITH CLAY AND SAND, moist, dark brown, localized red brick pieces	
				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, dry to moist, brown	0.1
				Red brick fragments	
15.0		SSHS-B680-SUB-14-16		Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, moist, brown	0.3
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B681

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754087.122 ft **EASTING** 762100.178 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
					6.4
				Dense, POORLY GRADED GRAVEL WITH SAND, dry, yellowish brown	
2.5		SSHS-B681-SUB-2-4			0.6
				Dense, GRAVELLY SILT WITH SAND, moist, dark brown, low plasticity	
				No Recovery	
				Dense, POORLY GRADED SAND, dry to moist, brown	
5.0					1.8
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist to wet, dark brown, hydrocarbon odor	
				No Recovery	
		SSHS-B681-SUB-6-8			11.6
7.5					
				Dense, POORLY GRADED SAND WITH CLAY, moist, dark brown, hydrocarbon odor	
		SSHS-B681-SUB-8-10			11.9

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BORING B681

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B681-SUB-10-12		Dense, CLAYEY GRAVEL WITH SAND, moist, dark brown *(continued)*	2.6
12.5		SSHS-B681-SUB-12-14		SILTY SAND WITH GRAVEL, moist to wet, dark brown, non plastic, hydrocarbon odor	8.1
15.0		SSHS-B681-SUB-14-16		Dense, SILTY SAND WITH GRAVEL, chert, moist, dark brown	0.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B682

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754096.719 ft **EASTING** 762138.541 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dry, dark brown, non plastic, wood pieces	
				SILTY SAND WITH GRAVEL, fine to coarse sand, coarse gravel, dark brown, low plasticity	0.7
2.5				GRAVELLY SILT WITH SAND, fine to coarse gravel, dark brown and black, mottled, low plasticity	
				No Recovery	0.7
				SANDY SILT WITH GRAVEL, fine gravel, fine to coarse sand, black shiny material (ash), dry, dark brown, wood and red brick	
5.0					1.8
				SANDY SILT WITH GRAVEL, fine gravel, fine to coarse sand, black shiny material (ash), moist, dark brown, wood and red brick	
				No Recovery	0.7
7.5				SILTY SAND, fine to coarse grained, moist, dark brown, wood fragments	
				WELL GRADED GRAVEL, gray, resembles broken concrete	1.4
				GRAVELLY SILT WITH SAND, fine gravel, fine to coarse sand, brown	
				Black shiny material (ash)	

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BORING B682

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Dense, SILTY SAND WITH GRAVEL, fine to coarse grained, dark brown *(continued)*	
		SSHS-B682-SUB-10-12		No Recovery	1.1
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754347.974 ft **EASTING** 762103.052 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, dry, brown, non plastic, topsoil	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, fine to medium grained, dry, yellowish brown	6.2
2.5				No Recovery	4.9
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, fine to coarse grained, dry, dark brown	7.1
5.0				LEAN CLAY WITH GRAVEL, fine to coarse gravel, dry to moist, yellowish brown, low plasticity	
				No Recovery	6
7.5				Loose, SILTY SAND WITH GRAVEL, coarse gravel, dry, dark brown	
				Loose, SILTY GRAVEL, light gray, interpreted as cement	3.1
				SILTY GRAVEL, black to dark gray	
				Loose, SILTY GRAVEL, light gray, interpreted as cement	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose, WELL GRADED GRAVEL, blackish red	
		SSHS-B683-SUB-10-12		No Recovery	3.3
12.5				WELL GRADED SAND WITH SILT, fine to coarse grained, dry, dark blackish brown	
		SSHS-B683-SUB-12-14		No Recovery	6
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754330.688 ft **EASTING** 762084.2 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, dry, dark brown, topsoil	
				SILT WITH GRAVEL, fine to coarse gravel, dry, dark brown, non plastic	6.4
				Medium dense, POORLY GRADED SAND, fine grained, dry, yellowish brown	
2.5				WELL GRADED GRAVEL, coarse grained, gray	
				No Recovery	9.5
				Loose, POORLY GRADED SAND WITH GRAVEL, fine gravel, fine to coarse grained, dry, dark brown	
5.0				Very loose, WELL GRADED GRAVEL, dry, tan to pink	8.5
				Brick	
				No Recovery	5.1
7.5				Loose, WELL GRADED GRAVEL, coarse grained, dry, light gray, interpreted as cement	
					4.4

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Loose, WELL GRADED GRAVEL, coarse grained, dry, light gray, interpreted as cement *(continued)*	
10.0				Medium dense, SILTY GRAVEL WITH SAND, coarse gravel, moist, yellowish brown	
		SSHS-B684-SUB-10-12			4.3
				No Recovery	
				Loose, SILTY GRAVEL, gray, interpreted as cement	
12.5					
		SSHS-B684-SUB-12-14		WELL GRADED GRAVEL WITH SAND, moist, brown	3.1
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754202.23 ft **EASTING** 762150.615 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				No Recovery	0
2.5				SILT, dark black, non plastic, brick fragments LEAN CLAY WITH GRAVEL, dark brown, low plasticity Medium dense, WELL GRADED GRAVEL WITH SAND, fine to coarse gravel, fine to coarse sand, brown	0 1.6
5.0				No Recovery	0.3
7.5				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, medium to coarse grained, moist, brown	0.7

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, medium to coarse grained, moist, brown *(continued)*	
		SSHS-B685-SUB-10-12		No Recovery	0.9
12.5		SSHS-B685-SUB-12-14		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, medium to coarse sand, moist, brown to dark brown, non plastic	0.3
				No Recovery	
15.0		SSHS-B685-SUB-14-16			0.3
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B686

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754230.459 ft **EASTING** 762128.901 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, moist, dark brown, low plasticity, topsoil	
				Very dense, GRAVELLY SILT, fine to coarse gravel, dry, brown to dark brown	1.5
2.5				Red brick	
				No Recovery	0.7
				Red Brick	
				Loose, SILTY SAND, dry, brown	
5.0				Loose, LEAN CLAY, dry, yellowish brown, low plasticity	0.6
				GRAVELLY SILT WITH SAND, fine to coarse gravel, yellowish brown	0.4
7.5				Loose, POORLY GRADED SAND, dry, yellowish brown	
				No Recovery	
				LEAN CLAY, yellowish brown, low plasticity	
				Medium dense, SILTY SAND, dry, brown	
				Red Brick	
				POORLY GRADED SAND WITH SILT, fine grained, dry, brown	1.8
				No Recovery	

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BORING B686

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B686-SUB-10-12		No Recovery *(continued)*	1.4
				White Cobble	
12.5		SSHS-B686-SUB-12-14		Medium dense, SILTY GRAVEL WITH SAND, medium to coarse sand, fine to coarse grained, brown	1.1
				No Recovery	

Bottom of borehole at 14.0 feet.

10.0
12.5
15.0
17.5
20.0

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BORING B687

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754252.3 ft **EASTING** 762113.832 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, moist, brown, non plastic	
				Dense, SILTY GRAVEL, coarse gravel, dry, tannish brown to dark brown	2.1
2.5				No Recovery	1.8
				Loose, SILT WITH GRAVEL, gray to brown, non plastic	
				POORLY GRADED SAND, medium to coarse grained, dark black, black sheen	
5.0				SILT WITH GRAVEL, coarse gravel, dry, yellowish brown, non plastic	1.5
				No Recovery	0.9
7.5				WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, fine to medium sand, moist, yellowish brown	1.3

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BORING B687

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, fine to medium sand, moist, yellowish brown *(continued)*	
				No Recovery	
		SSHS-B687-SUB-10-12			1
				Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B688

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754094.2531 ft **EASTING** 762244.8774 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				LEAN CLAY, moist, dark brown, topsoil	
		SSHS-B688-SUB-0-2		Very dense, WELL GRADED SAND WITH CLAY AND GRAVEL, fine to coarse gravel, fine grained, dry, yellow to brown	133.9
2.5		SSHS-B688-SUB-2-4		No Recovery	26.9
				Loose to very loose, GRAVELLY SILT WITH SAND, fine to coarse gravel, fine to coarse grained, dry, dark brown, non plastic	
5.0		SSHS-B688-SUB-4-6		SILT WITH SAND, trace coarse gravel, dry, dark black to brown, non plastic	22
				Loose, WELL GRADED SAND, dry, yellowish brown	
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B689

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754093.702 ft **EASTING** 762211.819 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dark brown, topsoil with wood pieces	
				Dense, SILTY GRAVEL WITH SAND, fine to coarse grained, moist, brown	26.7
				Dense, CLAYEY SAND WITH GRAVEL, dark brown to black	
				No Recovery	
2.5		SSHS-B689-SUB-2-4			2.9
				Loose, WELL GRADED GRAVEL WITH SAND, medium to coarse sand, fine to coarse grained, dry, tan to light brown	
5.0		SSHS-B689-SUB-4-6		No Recovery	5.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B69

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 753646 ft **EASTING** 762614 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, brown to black, fill material, wood and debris	0.1
				0
				0
				0.1
2.5				0.1
				0.1
				0.1
				0.3
				0.1
5.0				0.2
				0.1
				0
			Refusal at 6.5 feet. Bottom of borehole at 6.5 feet.	0.1
7.5				

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BORING B690

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754123.6443 ft **EASTING** 762210.7552 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, SILT, roots, dark brown, non plastic, topsoil	
				SILT, dark brown, non plastic	0.4
				LEAN CLAY WITH GRAVEL, fine gravel, dark brown, low plasticity	
				WELL GRADED GRAVEL, pink, pieces of gravel, void space in core	
2.5				Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, fine sand, dark brown	
				No Recovery	0.4
				Medium dense, SILTY GRAVEL WITH SAND, fine sand, fine to coarse grained, moist, dark brown, wood pieces	
5.0		SSHS-B690-SUB-4-6			3.6
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B691

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754082.187 ft **EASTING** 762148.666 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, dark brown, non plastic	
				Medium dense, SILTY SAND WITH GRAVEL, fine gravel, fine to coarse grained, brown	1.1
				Gray, degraded concrete	
2.5				SILT WITH GRAVEL, fine gravel, moist, dark brown, low plasticity	
				No Recovery	1.7
				SILTY SAND WITH GRAVEL, moist, dark brown	
				WELL GRADED GRAVEL WITH SAND, fine to coarse sand, coarse grained, yellowish brown	
5.0				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse grained, wet, dark brown, some brick fragments	1.2
				Gray, cement	
				No Recovery	1
7.5				Medium dense, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown	
		SSHS-B691-SUB-8-10		Gray, disintegrated concrete	1.7
				Medium dense, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown, wood fragments	
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B691-SUB-10-12		No Recovery *(continued)*	1.4
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754064.269 ft **EASTING** 762123.201 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Dense, WELL GRADED GRAVEL WITH SILT AND SAND, moist, brown	
					0.2
				SILTY GRAVEL WITH SAND, fine to medium gravel, dry to moist, brown to black, trace red brick	
				Dense, CLAYEY GRAVEL WITH SAND, moist, dark brown, hydrocarbon odor, black sheen	
2.5				No Recovery	
		SSHS-B692-SUB-2-4			0.6
				Dense, GRAVELLY SILT, moist, dark brown to light brown, hydrocarbon odor	
5.0					0.6
				No Recovery	
					0.7
7.5				Dense, GRAVELLY SILT, fine gravel, moist, dark brown	
		SSHS-B692-SUB-8-10			0.7

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BORING B692

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Dense, GRAVELLY SILT, fine gravel, moist, dark brown *(continued)*	
		SSHS-B692-SUB-10-12		Very dense, GRAVELLY SILT, moist, dark gray to black, low plasticity	1.7
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium gravel, dry, dark gray, hydrocarbon odor	
12.5		SSHS-B692-SUB-12-14		Dense, SILT WITH GRAVEL, fine gravel, moist, dark brown, low plasticity, hydrocarbon odor	0.1
				No Recovery	

Bottom of borehole at 14.0 feet.

15.0

17.5

20.0

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754098.518 ft **EASTING** 762167.856 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dark brown, topsoil, wood fragments present at top	
				SILT WITH GRAVEL, tannish brown to dark brown	2
2.5				No Recovery	1.3
				SANDY SILT, medium grained, dark brown	
5.0				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, medium to coarse sand, fine to coarse grained, dry, yellow to tannish brown	2.2
				No Recovery	1.8
7.5		SSHS-B693-SUB-8-10		WELL GRADED GRAVEL WITH SILT AND SAND, medium to coarse sand, fine to coarse grained, dry, tan to brown	2.1

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PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B693-SUB-10-12		No Recovery	0.7
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754215.893 ft **EASTING** 762070.796 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose, SILTY GRAVEL WITH SAND, fine gravel, fine to coarse sand, dry, dark yellowish brown with red, non plastic	33.3
				Dense, CLAYEY GRAVEL WITH SAND, fine gravel, some silt, moist, dark gray and yellowish brown	
2.5				Very loose, WELL GRADED GRAVEL, coarse gravel, dry, light gray	
				No Recovery	25.2
				SILTY SAND WITH GRAVEL, fine gravel, dry, dark brown	
				LEAN CLAY WITH GRAVEL, fine gravel, moist to wet, yellow to brown, low plasticity	
5.0					44.7
				POORLY GRADED SAND WITH GRAVEL, fine to coarse gravel, moist, yellowish brown	
				No Recovery	34.5
7.5					
				LEAN CLAY, moist, yellowish brown, medium plasticity	
				POORLY GRADED SAND, fine grained, moist, yellowish brown	39.2
				Dense, WELL GRADED GRAVEL WITH SAND, with fine sand, coarse grained, dry, yellowish brown	

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PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B694-SUB-10-12		No Recovery	40.9
				LEAN CLAY, moist, yellowish brown	
12.5				POORLY GRADED SAND, fine to medium grained, dark brown	12.5
		SSHS-B694-SUB-12-14		SILTY GRAVEL WITH SAND, fine to coarse grained, moist to wet, brown, wet towards base	42.9
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754100.897 ft **EASTING** 762190.606 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, dark brown, non plastic, topsoil	
				Loose, WELL GRADED GRAVEL, light gray	
				SILT WITH GRAVEL, dry, dark brown, non plastic	1.8
				Red Brick fragments	
2.5				SILT WITH SAND, black shiny material (ash), dark brown to black, non plastic	
				No Recovery	1.5
				SILT WITH SAND, dry, dark brown to black, non plastic	
5.0				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, medium to coarse grained, dry, orangeish brown	1.8
				No Recovery	0.6
7.5				Loose, SILTY GRAVEL WITH SAND, dry, brown	
				LEAN CLAY, dry to moist, yellowish brown, low plasticity	
		SSHS-B695-SUB-8-10		Medium dense, SILTY GRAVEL WITH SAND, medium to coarse grained, brown	0.4
				No Recovery	

Bottom of borehole at 10.0 feet.

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754134.589 ft **EASTING** 762059.74 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, dark	
				Dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, medium grained, dry to moist, dark brown to light brown, mottled	8
2.5		SSHS-B696-SUB-2-4		Red Brick	0.3
				Dense, SILTY SAND WITH GRAVEL, with fine to coarse gravel, medium grained, dry to moist, dark brown to brown	
				No Recovery	
				SILTY SAND, medium to coarse grained, moist, dark brown, medium plasticity	
				WELL GRADED SAND, dry, reddish brown	
5.0		SSHS-B696-SUB-4-6		SILTY SAND WITH GRAVEL, moist, brown to dark brown	3.8
				Very dense, SILTY GRAVEL, moist, dark brown	
				No Recovery	0.2
7.5				Dense, SILTY SAND, medium to coarse grained, moist, dark brown	0.5
				GRAVELLY SILT WITH SAND, some black shiny material (ash), fine to medium grained, dark brown	
				WELL GRADED SAND WITH SILT AND GRAVEL, tannish gray, mottled	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH SILT AND GRAVEL, tannish gray, mottled *(continued)*	
				Loose, SILTY GRAVEL WITH SAND, dry, light grayish white	
				Dense, POORLY GRADED SAND WITH SILT AND GRAVEL, moist, dark grayish black	
		SSHS-B696-SUB-10-12		No Recovery	0.5
				GRAVELLY SILT WITH SAND, fine gravel, moist, light tannish brown, low plasticity	
12.5				Very loose, SILTY GRAVEL WITH SAND, dry, grayish brown	
		SSHS-B696-SUB-12-14		Loose to medium dense, SILTY GRAVEL WITH SAND, coarse grained, moist, dark brown	0.9
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B697

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754108.371 ft **EASTING** 762046.285 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				White, Concrete	
				SILTY GRAVEL WITH SAND, fine grained, dry, light yellowish brown	130.6
				GRAVELLY SILT, dry to moist, dark brown, non plastic	
2.5		SSHS-B697-SUB-2-4		No Recovery	55.7
				Loose, WELL GRADED GRAVEL WITH SILT, light gray, interepreted as concrete	
5.0		SSHS-B697-SUB-4-6		SILTY GRAVEL, fine to coarse grained, dry to moist, brown to dark brown, low plasticity	98.7
					106.7
7.5				No Recovery	
				LEAN CLAY WITH SAND, dark brown, low plasticity	
				Loose, WELL GRADED GRAVEL, light gray, interepreted as concrete	
				CLAYEY SAND WITH GRAVEL, fine to coarse gravel, fine to coarse grained, moist, dark brown	106.2

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				POORLY GRADED GRAVEL, fine grained, light tannish gray	
		SSHS-B697-SUB-10-12		Dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, dry, dark brown to brown, hydrocarbon odor	140.2
				No Recovery	
12.5				SANDY SILT, dark brown, non plastic	
				Loose, WELL GRADED GRAVEL, coarse grained, dry, light gray	
		SSHS-B697-SUB-12-14		Dense, SILTY GRAVEL WITH SAND, dry, dark gray to black	66.7
				Loose, POORLY GRADED GRAVEL, light gray	
15.0		SSHS-B697-SUB-14-16		SILTY GRAVEL WITH SAND, fine to coarse sand, fine to coarse grained, dry to moist, yellowish brown, non plastic	91.5
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B698

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754075.854 ft **EASTING** 762069.307 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED SAND WITH GRAVEL, moist, yellow to brown	3.9
				Stiff, GRAVELLY LEAN CLAY WITH SAND, dark brown, low to medium plasticity	
2.5				Black shiny material (ash)	
		SSHS-B698-SUB-2-4		WELL GRADED SAND WITH GRAVEL, light tan to brown	
				Red brick	0.8
				No Recovery	
				POORLY GRADED SAND, fine to medium grained, dry, brown to dark brown	
5.0				Stiff, SANDY SILT WITH GRAVEL, moist, dark brown, hydrocarbon odor, wood pieces	2.9
				Loose, WELL GRADED GRAVEL, light tannish pink	
				Stiff, SANDY SILT WITH GRAVEL, moist, dark brown	
				No Recovery	1.4
7.5				SILT WITH SAND, moist, dark brown, hydrocarbon odor	
				Loose, SILTY GRAVEL WITH SAND, dry, light tannish brown	1.8
				SILT WITH GRAVEL, moist, dark brown to black, low plasticity	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SILT WITH GRAVEL, moist, dark brown to black, low plasticity *(continued)*	
				Medium dense, SILTY GRAVEL WITH SAND, light tan, low plasticity	
		SSHS-B698-SUB-10-12		SILTY SAND WITH GRAVEL, fine grained, moist, dark brown, low plasticity, hydrocarbon odor, multiclored clasts	4.3
				SILTY SAND WITH GRAVEL, fine grained, moist, dark brown, low plasticity, hydrocarbon odor, multiclored clasts	
12.5				POORLY GRADED SAND, dry, tan to brown	
				SILTY SAND WITH GRAVEL, fine grained, moist, dark brown to black, low plasticity	
		SSHS-B698-SUB-12-14		CLAYEY GRAVEL WITH SAND, moist to wet, light brown to dark brown, mottled, medium plasticity	2.5
15.0		SSHS-B698-SUB-14-16			1
				No Recovery	
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B699

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754053.888 ft **EASTING** 762093.858 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, brown to dark brown, topsoil	
				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, fine to coarse sand, dry, light brown to tan	184
				No Recovery	
2.5		SSHS-B699-SUB-2-4			93.4
				Dense, CLAYEY SAND WITH GRAVEL, fine to medium sand, fine to coarse gravel, moist, dark brown, hydrocarbon odor	
5.0		SSHS-B699-SUB-4-6			90.3
				No Recovery	43.5
7.5					
				Dense to very dense, CLAYEY SAND WITH GRAVEL, fine to coarse gravel, fine sand, moist, dark brown, Matrix contains clay and silt	
		SSHS-B699-SUB-8-10			80.1

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BORING B699

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Dense to very dense, CLAYEY SAND WITH GRAVEL, fine to coarse gravel, fine sand, moist, dark brown, Matrix contains clay and silt *(continued)*	
				Loose, WELL GRADED GRAVEL, dry, greenish brown	
		SSHS-B699-SUB-10-12		Dense, CLAYEY SAND WITH GRAVEL, fine grained, dark brown	150.5
				Black shiny material (ash), slag in old cement	
12.5		SSHS-B699-SUB-12-14		LEAN CLAY WITH SAND, fine to medium sand, moist to wet, dark brown, low plasticity, hydrocarbon odor	108.5
15.0		SSHS-B699-SUB-14-16		Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, medium to coarse sand, dry, yellow to light brown	71.4
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B70

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754303 ft **EASTING** 762090 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 - 0.4 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			LEAN CLAY, moist, brown, low plasticity	0.1
				0.1
			WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse grained, moist, brown	0.1
				0.1
				0.1
2.5				0.2
			WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse grained, moist, brown	0.4
				0.5
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, black and brown	0.8
				1.1
5.0				1.2
				1.2
				1.1
				1.1
				1.3
7.5				1.5
				2.1
				2.4
			WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse grained, moist, black and gray	1.9
				1.7

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BORING B70

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse grained, moist, black and gray *(continued)*	1.8
				1.2
				1.1
				1.2
				1.3
12.5				1.4
				1.5
			POORLY GRADED SAND, fine grained, black	1.6
			WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse grained, moist, black and gray	1.3
				1.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B700

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754233.492 ft **EASTING** 762160.935 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, some roots, dark brown, low plasticity, topsoil	
				Dense, SILTY SAND WITH GRAVEL, fine gravel, fine to coarse grained, dark brown	1.4
				SANDY SILT WITH GRAVEL, fine gravel, moist, dark brown, non plastic	
2.5				No Recovery	1.4
				SANDY SILT WITH GRAVEL, fine gravel, moist, dark brown, low plasticity	
5.0				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, medium to coarse grained, moist, yellow to brown	1.9
				No Recovery	2.4
7.5		SSHS-B700-SUB-6-8		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, medium to coarse grained, moist, yellowish brown	
				SILT, yellow to light brown, non plastic	2.2
				WELL GRADED GRAVEL WITH SILT AND SAND, reddish brown	

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BORING B700

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED GRAVEL WITH SILT AND SAND, reddish brown *(continued)*	
		SSHS-B700-SUB-10-12		No Recovery	2.4
				WELL GRADED GRAVEL, tan to light brown	
12.5		SSHS-B700-SUB-12-14		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, roots, moist, brown	
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B701

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754173.01 ft **EASTING** 762172.786 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dark brown, non plastic, topsoil,wood chips present	
				SANDY SILT WITH GRAVEL, fine to coarse gravel, fine sand, orange to dark brown	0.6
2.5				SILT WITH SAND, dry, dark brown, medium plasticity	0.6
				No Recovery	
				SILT WITH SAND, dark brown, medium plasticity	
5.0				SILTY SAND WITH GRAVEL, fine to coarse gravel, fine to coarse sand, dry, yellow to brown	2.2
					0.6
7.5				No Recovery	
				Loose, SILTY SAND WITH GRAVEL, fine gravel, fine to coarse grained, dry, yellowish brown	0.8
				CLAYEY GRAVEL WITH SAND, fine to coarse gravel, yellow to brown	

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BORING B701

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				CLAYEY GRAVEL WITH SAND, fine to coarse gravel, yellow to brown *(continued)*	
				No Recovery	0.5
12.5		SSHS-B701-SUB-12-14		SILTY SAND WITH GRAVEL, fine to coarse gravel, fine to coarse grained, yellowish brown	0.3
				No Recovery	

Bottom of borehole at 14.0 feet.

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BORING B702

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754068.6964 ft **EASTING** 762259.0786 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dark brown, medium plasticity	
		SSHS-B702-SUB-0-2		Loose, SILTY GRAVEL, fine to coarse gravel, fine to coarse grained, dry, yellow to brown	157.9
2.5				Loose, WELL GRADED GRAVEL, pink to brown	
		SSHS-B702-SUB-2-4		GRAVELLY SILT, dry, brown, low plasticity	58.7
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B703

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754073.984 ft **EASTING** 762217.591 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dark orangeish brown, non plastic, topsoil	
		SSHS-B703-SUB-0-2		SILTY GRAVEL, coarse grained, dark brown	0.3
				SILTY GRAVEL WITH SAND, fine to coarse sand, black shiny material (ash), fine to coarse grained, dark brown to black	
2.5				No Recovery	
		SSHS-B703-SUB-2-4			0.5
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B704

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754164.217 ft **EASTING** 762068.895 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, dark grayish black	
		SSHS-B704-SUB-0-2		SILTY SAND WITH GRAVEL, medium to coarse grained, dry to moist, brown, average gravel size is 10mm	0.2
				Dense, SILTY SAND WITH GRAVEL, moist, brown, some large cobbles	
2.5		SSHS-B704-SUB-2-4		LEAN CLAY WITH SAND, brown with yellow, mottled, medium plasticity	0.1
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B705

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754041.424 ft **EASTING** 762129.248 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Dense, POORLY GRADED SAND WITH GRAVEL, dry, light brown	0
2.5				Dense, SILTY GRAVEL, moist, dark brown, fines have low plasticity	
				No Recovery	0.6
				Dense, SILTY GRAVEL, moist, dark brown, fines have low plasticity	
5.0				Medium dense, POORLY GRADED SAND, medium grained, light brown to red	
				GRAVELLY SILT WITH SAND, moist, dark blackish brown, low plasticity	0.8
				Dense, SILTY GRAVEL WITH SAND, black shiny material (ash), fine sand, medium to coarse grained, dark brown with yellowish tan, hydrocarbon odor	
7.5				No Recovery	0.6
				SILTY SAND, medium to coarse grained, moist, dark brown, non plastic	
		SSHS-B705-SUB-8-10			0.8
				Dense, SILTY GRAVEL WITH SAND, fine gravel, medium to coarse sand, moist, greenish gray to brown	

Bottom of borehole at 10.0 feet.

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BORING B706

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754257.159 ft **EASTING** 762141.105 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, moist, brown, non plastic, topsoil	
				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse sand, coarse grained, dry, brown	2.5
				SILTY SAND, fine grained, dark brown to black, black sheen	
2.5				SILT WITH SAND, dry, blackish brown and light brown, mottled, non plastic	
				No Recovery	0.5
				SILT WITH SAND, dry, blackish brown and light brown, mottled, non plastic	
				SILT WITH SAND, some coarse gravel, moist, black and brown, mottled, low plasticity	
5.0				SILT, moist, black to yellowish brown, low plasticity	2.3
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse grained, dry, orangeish brown	
				No Recovery	1.7
7.5				LEAN CLAY, moist, orangeish brown with black, mottled, medium plasticity	
				Medium dense, POORLY GRADED SAND WITH GRAVEL, medium grained, moist, brown	2.2
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, dry, tannish brown	

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BORING B706

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, dry, tannish brown *(continued)*	
				No Recovery	
		SSHS-B706-SUB-10-12			1.9
				Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B707

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754275.908 ft **EASTING** 762117.505 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, some roots, moist, brown, non plastic	
				SILTY GRAVEL, coarse grained, tannish brown to dark brown	1
2.5				Moist, powdered red brick	
				POORLY GRADED SAND, trace rock fragments, medium to coarse grained, moist, brown to black	1.5
				Medium dense, POORLY GRADED SAND, moist, black	
				No Recovery	
				Loose, POORLY GRADED SAND, moist, brown to dark brown	
5.0		SSHS-B707-SUB-4-6		SILT, moist, yellowish brown, non plastic	1.7
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, medium grained, dry, yellowish brown	1.8
7.5				No Recovery	
				WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, fine to coarse grained, dry, yellowish tan to brown	1.8

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BORING B707

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Loose, WELL GRADED GRAVEL WITH SAND, medium to coarse sand, coarse grained, brown	
		SSHS-B707-SUB-10-12		No Recovery	2.1
				Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B708

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754077.781 ft **EASTING** 762176.443 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILTY GRAVEL WITH SAND, fine to coarse grained, moist, dark brown	
				Loose, SILTY SAND WITH GRAVEL, medium to coarse grained, moist, dark brown to black, hydrocarbon odor, trace brick fragments, black sheen	66.4
2.5				SILTY GRAVEL WITH SAND, fine to medium grained, dry, orangeish brown	
				No Recovery	39.9
				Loose, SILTY GRAVEL WITH SAND, moist to wet, dark brown, some moisture from surface snow	
				Very loose, POORLY GRADED SAND WITH GRAVEL, moist, dark brown	
5.0				Loose, WELL GRADED GRAVEL WITH SILT, fine to coarse grained, moist, brown	45.6
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, brown, non plastic	
				No Recovery	60.3
7.5				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine grained, moist, brown to dark brown	
		SSHS-B708-SUB-8-10			12.5
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B709

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754250.706 ft **EASTING** 762163.47 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, brown, topsoil	
				SANDY SILT WITH GRAVEL, coarse gravel, black shiny material (ash), dry, dark brown to yellowish brown, non plastic, brick fragments in lower half	4.2
2.5					4
				No Recovery	
				Medium dense, SILTY SAND, dry, dark brown	
				SILT WITH SAND, medium sand, dark brown, non plastic	
5.0				Dense, SILTY SAND WITH GRAVEL, fine to medium gravel, coarse grained, brown orangeish	4.6
		SSHS-B709-SUB-6-8		No Recovery	3.5
7.5				Bottom of borehole at 8.0 feet.	

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BORING B71

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/15/14 **COMPLETED** 8/15/14
NORTHING 754671 ft **EASTING** 761629 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY A. Wadhawan **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 - 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.2
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.2
				0.8
				0.5
				0.5
2.5				1.1
				1.1
				0.5
			POORLY GRADED SAND, fine grained, moist, brown	0.3
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.3
5.0				0.1
				0.1
				0.1
				0.6
				0.6
7.5				0.5
				0.5
				0.3
				0.6

Refusal at 9.5 feet.
Bottom of borehole at 9.5 feet.

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BORING B710

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754160.8 ft **EASTING** 762184.245 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dry, dark brown, topsoil, wood	
				Dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, fine to coarse grained, orangeish brown with black, mottled, Dense foreign black material	0.3
2.5				Dense, WELL GRADED SAND WITH SILT AND GRAVEL, dry, dark black	
				Dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, fine to coarse grained, orangeish brown with black, mottled, Dense foreign black material	0.5
				Dense, WELL GRADED SAND WITH SILT AND GRAVEL, and black shiny material (ash), dry, dark black	
				No Recovery	
				Loose, SILTY SAND, dark brown, low plasticity	
				Pink, coarse clasts	
5.0				Loose, POORLY GRADED SAND WITH GRAVEL, fine gravel, fine grained, orangeish brown	0.5
		SSHS-B710-SUB-6-8		No Recovery	0.4
7.5				Bottom of borehole at 8.0 feet.	

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BORING B711

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754143.1668 ft **EASTING** 762198.7248 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dry, dark brown, non plastic, wood fragments present	
				Very dense, SILTY GRAVEL WITH SAND, black shiny material (ash), medium to coarse gravel, fine to coarse grained, dry, dark brown	1.3
2.5				No Recovery	0.9
				WELL GRADED GRAVEL, fine to coarse grained, dry, tan to light brown	
5.0				Dense, SILTY SAND, fine to coarse grained, dark brown	1
				No Recovery	
		SSHS-B711-SUB-6-8			0.6
7.5				Bottom of borehole at 8.0 feet.	

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BORING B712

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754301.925 ft **EASTING** 762072.161 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dry, dark brown, non plastic, topsoil	
				SILT WITH GRAVEL, fine gravel, dry, dark brown, non plastic	1.5
				SILT WITH SAND, medium to coarse sand, dry, tannish brown, non plastic	
2.5				CLAYEY GRAVEL WITH SAND, coarse gravel, fine to medium sand, dry, brown, low plasticity	0.5
				No Recovery	
				Medium dense to loose, CLAYEY GRAVEL WITH SAND, fine to medium sand, coarse grained, brown to dark brown, non plastic	
5.0				Red Brick	0.4
				Medium dense, POORLY GRADED SAND WITH SILT AND GRAVEL, fine gravel, fine to medium grained, dry, tan to brown	
				No Recovery	0.9
7.5				Medium dense, POORLY GRADED SAND WITH SILT AND GRAVEL, fine gravel, fine to medium grained, dry, tan to brown	
				Red Brick	
				Medium dense, POORLY GRADED SAND, dry, brown, large1.5"clast at end of core	0.6
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B712-SUB-10-12		No Recovery *(continued)*	1.3
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B713

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754101.499 ft **EASTING** 762146.063 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dark brown, non plastic, topsoil with wood pieces	
				Medium dense, SILTY GRAVEL WITH SAND, fine grained, dark brown	0.9
				SILT WITH GRAVEL, fine gravel, dry, brown, non plastic	
				SILT WITH GRAVEL, coarse gravel, dry, brown, non plastic	
2.5				LEAN CLAY WITH GRAVEL, fine gravel, dark brown to black, low plasticity	
				No Recovery	0.6
				SANDY SILT, dark brown, low plasticity, red brick at base	
5.0					0.2
				WELL GRADED GRAVEL WITH SILT, gray to dark brown	
				Loose, SANDY SILT, gray to dark brown, red brick at base	
				Loose, WELL GRADED GRAVEL WITH SILT, gray to dark brown	0.6
7.5				No Recovery	
				SANDY SILT, fine to coarse grained, dry, dark brown	
				SILTY GRAVEL WITH SAND, fine to coarse sand, fine grained	0.8

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				SILTY GRAVEL WITH SAND, fine to coarse sand, fine grained *(continued)*	
		SSHS-B713-SUB-10-12		No Recovery	0.7
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B714

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754241.211 ft **EASTING** 762099.202 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, roots, dark brown, topsoil	
				GRAVELLY SILT, fine to coarse gravel, black shiny material (ash), dark orangeish brown	5.1
2.5				No Recovery	1.3
				Loose, WELL GRADED GRAVEL, gray, interpreted to be cement	
				GRAVELLY SILT, fine to coarse gravel, dark brown, 4.75' has a piece of gravel resembling gray cement	2.3
5.0				Chemical odor, Wood	
				SILTY SAND WITH GRAVEL, fine gravel, medium to coarse sand, moist, dark brown	
				LEAN CLAY WITH GRAVEL, coarse gravel, orange and brown, mottled, medium plasticity, hydrocarbon odor	
				No Recovery	163
7.5				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, medium to coarse grained, dark brown	
				Loose, WELL GRADED GRAVEL, pinkish gray, interpreted as large cobbles broken by drill	
				GRAVELLY SILT, dry, orange to pink, non plastic	15.3
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery *(continued)*	3.8
12.5		SSHS-B714-SUB-12-14		Loose, SILTY GRAVEL WITH SAND, fine to coarse gravel, medium to coarse sand, moist, reddish brown	
				POORLY GRADED SAND, fine grained, moist, dark brown	2.1
				No Recovery	

Bottom of borehole at 14.0 feet.

10.0
12.5
15.0
17.5
20.0

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BORING B715

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754217.843 ft **EASTING** 762116.374 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Red brick	
				LEAN CLAY, roots, dark brown, low plasticity	
				GRAVELLY SILT WITH SAND, fine to coarse gravel, fine to medium sand, brown to dark brown, low plasticity	0.5
2.5				Light gray, degraded concrete, texture similar to gravelly silt	1.8
				No Recovery	
				Light gray, degraded concrete, texture similar to gravelly silt	
5.0				LEAN CLAY, yellowish orange to light brown, low plasticity	1.4
				Medium dense, SILTY GRAVEL WITH SAND, medium sand, fine to coarse grained, dry, brown	
				No Recovery	1.5
7.5				LEAN CLAY, yellowish orange to brown, low plasticity	
		SSHS-B715-SUB-8-10		WELL GRADED SAND WITH GRAVEL, coarse gravel, fine to medium grained, dry, brown	1.5

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				WELL GRADED SAND WITH GRAVEL, coarse gravel, fine to medium grained, dry, brown *(continued)*	
				WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, coarse grained, moist, brown	
				No Recovery	1.4
				SANDY LEAN CLAY WITH GRAVEL, coarse gravel, brown, low plasticity	
12.5				No Recovery	
		SSHS-B715-SUB-12-14		Loose, WELL GRADED GRAVEL WITH SILT AND SAND, moist, brown	0.9
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B716

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/20/17 **COMPLETED** 3/20/17
NORTHING 754120.66 ft **EASTING** 762107.842 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose, WELL GRADED SAND WITH GRAVEL, dry	0.8
2.5				GRAVELLY LEAN CLAY, fine gravel, moist, dark brown, low to medium plasticity	
				No Recovery	0.3
5.0				Dense, SANDY LEAN CLAY WITH GRAVEL, moist, dark brown to yellow	0.3
				No Recovery	0.4
7.5				Dense, SILTY SAND WITH GRAVEL, moist, dark brown, non plastic	0.7
				WELL GRADED GRAVEL WITH SILT, moist to wet, dark brown, fines are non-plastic	

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BORING B716

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED GRAVEL WITH SILT, moist to wet, dark brown, fines are non-plastic *(continued)*	
				Dense, GRAVELLY SILT WITH SAND, dry, dark brown to black	
				No Recovery	5.7
12.5				Loose, SILTY GRAVEL WITH SAND, fine to coarse grained, wet, dark brown	3.5
				SILTY GRAVEL WITH SAND, medium to coarse grained, yellowish brown to dark brown, mottled	
15.0		SSHS-B716-SUB-14-16			0.7
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B717

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/23/17 **COMPLETED** 3/23/17
NORTHING 754193.435 ft **EASTING** 762126.544 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		Core was not collected from 0'-4' BGS		No Recovery	
					0
2.5					0
				SILT, dark brown to orangeish brown, non plastic	
				SILT WITH GRAVEL, orangeish brown, non plastic	0.9
5.0				WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, fine to coarse grained, brown	
				No Recovery	0.3
7.5				SANDY LEAN CLAY WITH GRAVEL, dark brown	
				Medium dense, WELL GRADED SAND, yellowish brown	1.3
				SILTY GRAVEL WITH SAND, coarse sand, coarse grained, yellowish brown	

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BORING B717

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				SILTY GRAVEL WITH SAND, coarse sand, coarse grained, yellowish brown *(continued)*	
				No Recovery	0.7
12.5				LEAN CLAY WITH SAND, medium to coarse sand, dark brown, medium plasticity	
				Medium dense, CLAYEY SAND WITH GRAVEL, yellowish brown	
				Medium dense, WELL GRADED GRAVEL WITH SAND, fine to medium sand, fine to coarse grained, orangeish brown	1.3
				No Recovery	
15.0		SSHS-B717-SUB-14-16			1.1
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B718

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/21/17 **COMPLETED** 3/21/17
NORTHING 754151.813 ft **EASTING** 762096.827 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Dense, WELL GRADED GRAVEL WITH SILT, fine to coarse grained, brown to dark brown	128.3
				Dense, SILTY GRAVEL, with clay, moist, yellowish brown to dark brown	
2.5				No Recovery	42.9
				SILTY GRAVEL, fine to coarse grained, brown with yellow and blackish red, fines are slightly plastic	
5.0					40.8
				No Recovery	44.5
7.5				Dense, POORLY GRADED SAND WITH GRAVEL, moist, dark brown	
				POORLY GRADED SAND WITH GRAVEL, coarse gravel, fine grained, light pinkish tan	50.9
				No Recovery	

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BORING B718

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery *(continued)*	48.8
12.5				WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, coarse grained, moist, brown	
				Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, fine to coarse grained, dry, light tannish brown	42.4
15.0		SSHS-B718-SUB-14-16		No Recovery	43.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B719

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/22/17 **COMPLETED** 3/22/17
NORTHING 754324.636 ft **EASTING** 762101.881 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, with roots, dry, brown, non plastic, topsoil	
				Loose, SILTY GRAVEL WITH SAND, dry, brown to black	3.2
				GRAVELLY LEAN CLAY WITH SAND, coarse gravel, fine to medium sand, dry, brown, low plasticity	
2.5				Red brick	
				No Recovery	4.8
				SANDY LEAN CLAY, with construction debris, and black shiny material (ash), dry, dark brown	
5.0				Black shiny material (ash), and construction debris, fractured concrete and red brick	3.2
				Dense, GRAVELLY SILT WITH SAND, dark brown	
				Medium dense, SILTY SAND, dry, gray to brown, red brick fragments	3.1
7.5				No Recovery	
				Red Brick Fragments	
				Loose, WELL GRADED SAND WITH GRAVEL, wet, dark brown to black	
				Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse grained, dry, tan to gray	0.3
				GRAVELLY SILT WITH SAND, coarse gravel, orangeish brown, non plastic	

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BORING B719

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				No Recovery	3.8
12.5				Medium dense, SILTY SAND, some coarse gravel, medium to coarse grained, dry, brown	
				WELL GRADED GRAVEL WITH SAND, coarse grained, moist to wet, brown	2.2
				No Recovery	
15.0		SSHS-B719-SUB-14-16			2.7
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

10.0 12.5 15.0

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BORING B72

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/15/14 **COMPLETED** 8/15/14
NORTHING 754608 ft **EASTING** 761648 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY A. Wadhawan **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			CLAYEY SAND, fine grained, moist, brown, low plasticity	0
				0
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, dry, brown	0
				0
				0.1
2.5				0
				0
				0
				0.1
				0.1
5.0				0.1
				0.1
				0.1
				0
				0.1
7.5				0.1
			SILTY SAND, trace gravel, fine grained, moist, brown	0.1
				0.2
				0.1
				0.1

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BORING B72

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			POORLY GRADED SAND, medium grained, saturated, brown	0.1
				0.1
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.1
				0.1
				0.1
12.5			POORLY GRADED SAND, medium grained, moist, brown	0.1
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B720

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754133.5527 ft **EASTING** 762033.8457 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT, light gray	
			Medium dense, SILTY GRAVEL WITH SAND, GRAVEL, and silt, with sand, dry to moist, light yellow to brown	19.2
			Medium stiff, CLAYEY GRAVEL WITH SAND, GRAVEL, and clay, with sand, fine to coarse grained, moist, dark brown, low to medium plasticity	
2.5			Dark red, Red brick	8.5
			Medium dense, CLAYEY SAND, SAND, and clay, with fine gravel, moist, dark brown, Red brick	
5.0				12.3
			Bottom of borehole at 6.0 feet.	
7.5				

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BORING B721

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754079.0002 ft **EASTING** 762034.439 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0		ASPHALT, dry, dark black
		Dense, WELL GRADED SAND WITH GRAVEL, SAND, with coarse gravel, moist, brown
		Very dense, SANDY SILT WITH GRAVEL, SAND, and silt, with coarse gravel, moist, dark brown, Red Brick Fragments
2.5		Dense, WELL GRADED SAND WITH GRAVEL, SAND, with gravel, dry to moist, dark gray
		Medium stiff, SILTY SAND WITH GRAVEL, SAND, with silt, and clay, dry to moist, dark brown, hydrocarbon odor
		Loose, WELL GRADED SAND WITH GRAVEL, SAND, with gravel, moist to wet, dark brown, hydrocarbon odor
5.0		Very stiff, SANDY SILT WITH GRAVEL, SILT, and clay, with gravel, and sand, dry to moist, dark brown, hydrocarbon odor
		Bottom of borehole at 6.3 feet.
7.5		

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BORING B722

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754107.4241 ft **EASTING** 762023.0343 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT, dry, dark gray	
			Medium dense, SILTY SAND WITH GRAVEL, SAND, and silt, with fine gravel, dry to moist, yellow and brown	1.2
			GRAVELLY SILT WITH SAND, SILT, and gravel, with medium to coarse sand, dry to moist, dark brown to brown	
2.5				6.1
			LEAN CLAY WITH SAND, LEAN CLAY, with sand, moist, dark brown, low to medium plasticity	
			Medium dense, SILTY GRAVEL WITH SAND, GRAVEL, with silt, little sand, moist to wet, dark brown	
5.0			Stiff, SILTY SAND WITH GRAVEL, SAND, and silt, some fine gravel, moist, dark brown	7.2
			Bottom of borehole at 6.0 feet.	
7.5				

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BORING B723

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754159.1028 ft **EASTING** 762127.0696 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Fill, wood chips	
			Stiff, SILT, SILT, moist, brown, Topsoil	
			Stiff, GRAVELLY SILT, SILT, some gravel, and coarse sand, moist, dark brown, non plastic	3.7
2.5				4
			Light orange, Cement	
			Brown, Wood	
5.0			LEAN CLAY, LEAN CLAY, moist, gray, medium plasticity	5.6
			Loose, WELL GRADED GRAVEL, GRAVEL, dry, gray to brown	
			Dense, SILTY GRAVEL WITH SAND, GRAVEL, some silt, and sand, moist, dark brown	
			Red brick	
7.5				3.3
			Mixture of soil, wood, cement, and brick (interpeted as fill)	
			Medium dense, SILTY SAND WITH GRAVEL, SAND, with fine gravel, fine to coarse grained, moist, dark brown, low to medium plasticity	5.7

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BORING B723

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Medium dense, SILTY SAND WITH GRAVEL, SAND, with fine gravel, fine to coarse grained, moist, dark brown, low to medium plasticity *(continued)*	5
12.5			Medium dense, CLAYEY SAND, SAND, with clay, fine to coarse grained, moist to wet, dark brown	9.5
15.0			Dense, SILTY GRAVEL WITH SAND, GRAVEL, with silt, and fine to coarse sand, moist to wet, dark brown to gray	4.7
17.5			Loose, POORLY GRADED GRAVEL, GRAVEL, wet, dark brown	4.9
20.0			Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, GRAVEL, with silt, and fine to coarse sand, wet, brown	3
			Bottom of borehole at 20.0 feet.	

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BORING B724

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754325.3752 ft **EASTING** 762065.3358 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, dry, brown, Topsoil with roots	
			SILT WITH GRAVEL, SILT, with gravel, yellow to brown, non plastic	56.8
2.5				21.2
			Medium dense, SILT WITH SAND, SILT, with sand, and black shiny material (ash), dry, dark brown to brown, Red brick present	
5.0				160.5
			Medium dense, SILTY GRAVEL, SILT, with medium to coarse gravel, some fine to coarse sand, tan to brown	
			Very dense, POORLY GRADED SAND, SAND, little gravel, moist, brown	15
7.5				
			Dense, POORLY GRADED SAND, fine grained, moist, brown	
			Medium soft, SILT, SILT, dry, dark gray, non plastic	
			Dense, POORLY GRADED SAND, SAND, fine grained, moist, brown	99.1
			Medium dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine to coarse gravel, fine to coarse grained, moist to wet, brown	

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BORING B724

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Medium dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine to coarse gravel, fine to coarse grained, moist to wet, brown *(continued)*	
				12
12.5			Medium dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine to coarse gravel, fine to coarse grained, moist, brown	
			Medium dense, SILTY GRAVEL WITH SAND, GRAVEL, with fine to coarse sand, fine to coarse grained, dry, brown	2.1
15.0				2.9
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B725

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT, dark gray	
			Medium dense, WELL GRADED SAND, SAND, fine to coarse grained, dry to moist, brown	21
			Dense, CLAYEY SAND WITH GRAVEL, SAND, with clay, and gravel, fine grained, dark brown with black	
2.5				8.8
			Loose, SILTY SAND, SAND, and gravel, (Back Fill)	
			Dense, SILTY GRAVEL WITH SAND, GRAVEL, and silt, with sand, fine to coarse grained, moist, brown	
5.0				3.6
			Bottom of borehole at 6.0 feet.	
7.5				

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BORING B726

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT, dry, dark gray	
			Loose, WELL GRADED SAND WITH SILT, SAND, with silt, some fine gravel, dry, light gray to tan	14.1
			Dense, SILTY SAND WITH GRAVEL, SAND, with silt, some fine to coarse gravel, moist, dark brown to brown	
2.5			Very dense, CLAYEY GRAVEL WITH SAND, GRAVEL, and clay, with sand, dark orange to brown	7.1
			Loose, SANDY SILT, dry, dark brown, non plastic	
			Medium dense, SANDY LEAN CLAY, LEAN CLAY, with sand, moist, yellow to brown, low to medium plasticity	
5.0			WELL GRADED SAND WITH GRAVEL, SAND, with gravel, coarse grained, moist, yellow to brown	5.9
			Stiff, GRAVELLY LEAN CLAY, LEAN CLAY, with gravel, moist, yellow to brown, medium plasticity, Gravel becomes more abundant with depth	
7.5			Bottom of borehole at 6.3 feet.	

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BORING B727

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT, dry, dark gray	
			Very dense, SILTY SAND WITH GRAVEL, SAND, and silt, with fine gravel, moist, dark gray	12.2
			SILT, SILT, dry to moist, yellow to brown, non plastic	
			SILT, SILT, with black shiny material (ash), dry to moist, dark yellow to brown	
2.5				7.4
			Loose, SILTY SAND WITH GRAVEL, dry to moist, dark brown	
5.0			Medium dense, POORLY GRADED SAND WITH SILT AND GRAVEL, SAND, with silt, some fine gravel, moist, yellow to brown	6.2
			SILT, SILT, with black shiny material (ash), dry to moist, dark brown to black	
			Bottom of borehole at 6.0 feet.	
7.5				

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BORING B728

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT, dry, dark gray	
				Medium dense, WELL GRADED SAND WITH GRAVEL, SAND, moist, dark brown with orange	
				Dense, GRAVELLY LEAN CLAY WITH SAND, LEAN CLAY, with fine gravel, and medium to coarse sand, moist, dark brown, low to medium plasticity	2.7
2.5		SSHS-B728-SUB-2-4		Dense, SILTY GRAVEL WITH SAND, GRAVEL, with fine to coarse sand, and silt, dry to moist, yellow to tan	
				GRAVELLY SILT WITH SAND, dry to moist, dark black, Fill, Shiny black material	
				No fill	6.6
				Medium soft, SANDY SILT, SILT, with medium to coarse sand, moist, dark brown, low plasticity	
5.0		SSHS-B728 SUB-4-6		Dense, POORLY GRADED SAND WITH GRAVEL, SAND, with medium to coarse gravel, dry to moist, dark orange with brown	7.5
				Dark black, Fill Materila, Shiny black	
				SANDY SILT WITH GRAVEL, SILT, with gravel, moist, dark brown with orange, low plasticity	
				Bottom of borehole at 6.3 feet.	
7.5					

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BORING B729

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT, dark gray to black	
			Dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine gravel, dry to moist, orange and brown	12.2
			Stiff, GRAVELLY LEAN CLAY, LEAN CLAY, with fine to medium gravel, with black shiny material (ash), and fine sand, dry to moist, dark brown	
2.5			Very dense, SANDY SILT WITH GRAVEL, SILT, with fine gravel, some fine to coarse sand, dry, dark gray	14.7
			Medium soft, SILT WITH SAND, SILT, with sand, dry, dark gray to black, Red brick present.	
5.0			Medium soft, SANDY SILT, SILT, with sand, and fine gravel, dry, yellow to tan	3.9
			Dense, SILTY SAND, SAND, with silt, dry to moist, dark gray to black, non plastic, Red brick and wood present	
			SILTY SAND WITH GRAVEL, SAND, with fine gravel, moist to wet, dark brown	
7.5			Bottom of borehole at 6.5 feet.	

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BORING B73

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 753905 ft **EASTING** 761917 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			Medium dense, SILT WITH SAND, with gravel, medium grained, moist, brown and gray	0.1
				0.1
				0.1
				0.1
2.5				0.1
				0.1
				0.1
				0.1
				0.1
5.0				0.1
			Soft, LEAN CLAY WITH SAND, some silt, wet, gray, low to medium plasticity	0.1
				0.1
				0.1
				0.1
7.5			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown	0.1
				0.1
				0.1
				0.1
				0.1
				0.1

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BORING B73

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown *(continued)*	0.1
				0.1
				0.1
				0.1
				0.1
12.5				0.1
			WELL GRADED GRAVEL WITH SAND, coarse grained, moist, brown	0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B730

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754315.6557 ft **EASTING** 762090.485 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Stiff, SILT, SILT, dry to moist, light brown to brown, non plastic, (Topsoil)	
			Loose, SILTY GRAVEL WITH SAND, GRAVEL, with silt, some sand, and black shiny material (ash), dry, gray to brown	2.1
			Stiff, SILT WITH SAND, SILT, with fine sand, and black shiny material (ash), dry to moist, dark brown	
2.5				10
			CLAYEY SAND, SAND, with clay, fine grained, moist, brown, low plasticity	
			SILTY GRAVEL WITH SAND, GRAVEL, with silt, and sand, and black shiny material (ash), fine to coarse grained, dark brown with gray	9.6
5.0			Red Brick	
				8.7
7.5			Red Brick	
			Brick and concrete	6.7

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BORING B730

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Brick and concrete *(continued)*	
			LEAN CLAY WITH GRAVEL, LEAN CLAY, with coarse gravel, dry to moist, brown, low plasticity	7
12.5			Loose, WELL GRADED GRAVEL, GRAVEL, fine grained, moist to wet, brown	
			Loose, WELL GRADED GRAVEL WITH SAND, GRAVEL, with fine to coarse sand, fine to coarse grained, dry, tan to brown	5
			Loose, WELL GRADED GRAVEL WITH SAND, GRAVEL, with fine to coarse sand, moist to wet, brown	
15.0				5
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B731

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/11/17 **COMPLETED** 4/11/17
NORTHING 754292.3647 ft **EASTING** 762492.8652 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT WITH GRAVEL, fine to coarse grained, dry to moist, brown, non plastic	3
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B732

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/11/17 **COMPLETED** 4/11/17
NORTHING 754302.4053 ft **EASTING** 762465.6147 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT WITH GRAVEL, fine to coarse grained, dry to moist, dark brown, subrounded, low plasticity	12.5
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B733

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/11/17 **COMPLETED** 4/11/17
NORTHING 754429.7373 ft **EASTING** 762200.381 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, dry to moist, brown, low plasticity, Roots and worms present	7.8
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B734

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/11/17 **COMPLETED** 4/11/17
NORTHING 754412.5854 ft **EASTING** 762219.4846 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, dry to moist, brown, non plastic, Roots and worms present	27.2
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B735

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/11/17 **COMPLETED** 4/11/17
NORTHING 754396.5318 ft **EASTING** 762239.7521 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, dry to moist, brown, low plasticity, Roots and worms present.	43.2
			Bottom of borehole at 0.2 feet.	
2.5				
5.0				
7.5				

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BORING B736

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754103.0163 ft **EASTING** 762152.7718 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0			Stiff, SILT, SILT, dry to moist, dark brown
			Stiff, SANDY SILT, SILT, with sand, and gravel, and black shiny material (ash), dry to moist, dark brown
2.5			SILT WITH SAND, SILT, with sand, dry to moist, dark brown, non plastic
			SILT WITH GRAVEL, SILT, with gravel, dry, brown
5.0			Loose, WELL GRADED GRAVEL, GRAVEL, dry, light tan
			Loose, WELL GRADED GRAVEL, GRAVEL, dry, tan to brown, pulverized
			Stiff, SILTY GRAVEL WITH SAND, GRAVEL, with silt, and fine to coarse sand, little black shiny material (ash), moist, brown, Foreign material in matrix
7.5			Black, Soil and mutch (back fill)
			Dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine gravel, fine to coarse grained, moist, brown

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION
10.0			
			Back fill
12.5			Loose, WELL GRADED GRAVEL, COBBLES, dry, light gray, Quartz clasts
			Dense, SILTY SAND WITH GRAVEL, SAND, some silt, and gravel, dry to moist, dark brown
			Loose, SILTY GRAVEL, GRAVEL, with silt, some sand, dry, light gray
			Dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, fine to coarse grained, dry to moist, brown
15.0			
			Bottom of borehole at 16.0 feet.
17.5			
20.0			

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BORING B737

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754087.6333 ft **EASTING** 762144.046 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	DEPTH (ft)
			Stiff, SILT, SILT, dry to moist, brown, non plastic, Roots present (Topsoil)		0.0
			Dense, SILTY SAND WITH GRAVEL, SAND, with silt, and gravel, fine to coarse grained, dry to moist, dark brown, low plasticity, Trace brick	12.3	
2.5				55	2.5
			Dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, medium to coarse grained, dry to moist, dark brown, non plastic	10	5.0
5.0				2.2	
7.5			Loose, SILTY GRAVEL, GRAVEL, with silt, and fine gravel, wet, dark brown	7.5	7.5
			Red brick		

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Dense, SILTY GRAVEL WITH SAND, GRAVEL, with silt, and sand, dry to moist, brown *(continued)*	
			Concrete, brick, and wood	
				6.3
			Loose, SILTY GRAVEL WITH SAND, GRAVEL, with silt, and sand, wet, dark brown	
12.5				4.3
			Dense, SILTY GRAVEL WITH SAND, GRAVEL, with silt, and sand, moist, dark brown	
			Dense, SILTY GRAVEL WITH SAND, GRAVEL, some silt, and sand, dry to moist, tan to brown, Red brick	
15.0				5.1
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

10.0 12.5 15.0

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BORING B738

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754116.9699 ft **EASTING** 762227.7366 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Stiff, SILT, SILT, dry to moist, dark brown, non plastic, Roots present	
			SILTY SAND WITH GRAVEL, SAND, with silt, and fine gravel, fine to coarse grained, dry to moist, yellow to brown	8.2
2.5			Black shiny material (ash), black	
			Dense, GRAVELLY SILT WITH SAND, GRAVEL, with silt, and sand, dry to moist, yellow to brown	
			Black shiny material (ash), black	7.5
			Black shiny material (ash), black	
			Red brick	
5.0			Medium dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, fine to medium grained, dry to moist, orange to brown	9.3
				8
7.5			Bottom of borehole at 8.0 feet.	

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BORING B739

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754224.8726 ft **EASTING** 762147.0425 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, SILT, dry to moist, brown, low plasticity, Roots present (Topsoil)	
			Red Brick	
			Dense, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, with silt, and fine to coarse gravel, dry, brown to gray	13.1
2.5			Medium dense, SILT, SILT, with black shiny material (ash), dark black, non plastic	6.2
			Medium dense, SILT WITH SAND, SILT, with sand, dry to moist, dark brown with red, non plastic	
			Very stiff, SILT WITH GRAVEL, SILT, with coarse gravel, moist, yellow and brown, low to medium plasticity	6.3
5.0			Dense, SILTY GRAVEL WITH SAND, GRAVEL, with silt, and fine to coarse sand, dry to moist, yellow and brown	
				5.3
7.5			Bottom of borehole at 8.0 feet.	

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BORING B74

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 753852.555 ft **EASTING** 761934.991 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Medium dense, GRAVELLY SILT WITH SAND, trace gravel, fine grained, dry, brown	0
				0.1
				0.1
				0.2
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown and white	0.2
2.5				0.3
				0.2
				0.1
				0.2
				0.3
5.0				0.3
				0.2
				0.2
				0.1
7.5				0.2
				0.1
			WELL GRADED SAND WITH GRAVEL, with gravel, coarse grained, moist, brown	0.1
				0.2
				0.1
				0.1

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BORING B74

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			WELL GRADED SAND WITH GRAVEL, with gravel, coarse grained, moist, brown *(continued)*	0.2
				0.1
			WELL GRADED SAND, coarse grained, moist to wet, brown	0.1
				0.1
				0.1
12.5				0.1
				0.2
				0.1
				0.1
			Becomes wet	0.1
15.0				0.1
				0.1
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

10.0 12.5 15.0

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BORING B740

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754182.7256 ft **EASTING** 762176.6417 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Wood, mulch	
			Stiff, SILT, SILT, moist, dark brown, non plastic	
			SILTY SAND WITH GRAVEL, SAND, with silt, and fine gravel, dry to moist, light brown to brown	12.4
2.5				7.4
			Wood and silt (interpreted as back fill)	
			Dense, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, with silt, and fine gravel, fine to coarse grained, dry to moist, red to brown	8.3
5.0				
			Bottom of borehole at 6.0 feet.	
7.5				

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BORING B741

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754251.3737 ft **EASTING** 762086.7147 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			SILT, SILT, dry to moist, brown, non plastic, Roots present	
			SILT WITH SAND, SILT, with gravel, some sand, dry to moist, dark brown	13.6
			Very dense, GRAVELLY SILT, SILT, with gravel, some black shiny material (ash), dry to moist, dark brown to black, low plasticity	
2.5				7.5
			Loose, GRAVELLY SILT, SILT, with gravel, some sand, dry, gray to tan	
			WELL GRADED SAND WITH SILT AND GRAVEL, SAND, with silt, and gravel, and black shiny material (ash), dry to moist, dark brown to black	
5.0			Light gray, Cement	9.2
			Black shiny material (ash), black	
			SILTY GRAVEL WITH SAND, GRAVEL, with silt, and sand, dry, gray to brown, Gravel appears to be cement pieces	
			Very dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, moist, yellow and brown	
7.5				7.2
			Back Fill	
			Light gray, Cement	
			Dense, SILTY SAND WITH GRAVEL, SAND, with silt, and coarse gravel, moist, brown	8.1

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BORING B741

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				
				7.4
			Bottom of borehole at 12.0 feet.	
12.5				
15.0				
17.5				
20.0				

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BORING B742

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/12/17 **COMPLETED** 4/12/17
NORTHING 754195.8748 ft **EASTING** 762130.6713 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Soft, SILT, SILT, dry to moist, red to brown, Grass and roots present	
			Medium dense, SILTY GRAVEL WITH SAND, GRAVEL, and silt, little sand, and black shiny material (ash), dry to moist, brown	9.3
			SILT, SILT, and black shiny material (ash), dark black, Silt mixed with red brick and other foreign material	
2.5				8.4
			SILT, SILT, and black shiny material (ash), dry to moist, brown to black, Silt mixed with red brick and other foreign material	
5.0				5.2
			Stiff, LEAN CLAY WITH GRAVEL, LEAN CLAY, with gravel, moist, yellow and brown, medium plasticity	
			Very dense, CLAYEY GRAVEL WITH SAND, GRAVEL, with clay, and coarse sand, dry to moist, yellow and brown, medium plasticity	2.6
7.5				
			Stiff, LEAN CLAY WITH SAND, LEAN CLAY, with fine sand, moist, yellow and brown, low to medium plasticity	
			Medium dense, POORLY GRADED SAND, SAND, with fine gravel, dry to moist, brown	
			Medium dense, SILTY GRAVEL WITH SAND, GRAVEL, with sand, and black shiny material (ash), fine to coarse grained, moist to wet, brown	7.3

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BORING B742

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				
				9.5
12.5			Hard, POORLY GRADED SAND, SAND, and black shiny material (ash), moist, brown	
			Loose, WELL GRADED GRAVEL, GRAVEL, dry to moist, gray	5.3
			Bottom of borehole at 14.0 feet.	
15.0				
17.5				
20.0				

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BORING B743

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754173.98 ft **EASTING** 762209.8197 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0		GRAVELLY SILT, dry to moist, dark brown, non plastic
		Dense, SILTY GRAVEL WITH SAND, fine to coarse grained, dry to moist, dark brown with red
		SILTY GRAVEL WITH SAND, dry to moist, dark brown with red
2.5		
5.0		
7.5		

Bottom of borehole at 10.0 feet.

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BORING B744

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/13/17 **COMPLETED** 4/13/17
NORTHING 754144.0224 ft **EASTING** 762234.3045 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			GRAVELLY SILT, dry to moist, dark brown	
			GRAVELLY SILT WITH SAND, GRAVEL, with silt, few fine sand, dry to moist, light brown with yellow, non plastic	10.6
2.5				7.8
			Bottom of borehole at 4.0 feet.	
5.0				
7.5				

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BORING B75

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754721 ft **EASTING** 761851 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	DEPTH (ft)
			LEAN CLAY, moist, brown, medium plasticity	1.2	0.0
				1.3	
			CLAYEY SAND WITH GRAVEL, medium grained, moist, brown	1.5	
				1.9	
			Medium dense, GRAVELLY SILT WITH SAND, moist, black	2	
2.5				2.3	2.5
			Medium dense, SILTY GRAVEL WITH SAND, moist, white and brown	1.7	
				1.4	
				1.3	
				1.1	
5.0				1.1	5.0
				1.3	
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	1.7	
				2	
				2.1	
7.5				2	7.5
				1.9	
				0.9	
				0.7	
				0.5	

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BORING B75

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown *(continued)*	1.9
				2
				2.1
				2.3
				2.1
12.5				1.9
				2
				1.8
				1.9
				1.8
15.0			WELL GRADED GRAVEL WITH SAND, medium to coarse grained, saturated, brown	1.4
				1.3
				0.9
				0.6
				0.7
17.5				0.8
				1
				0.9
				0.8
				0.6
20.0			Bottom of borehole at 20.0 feet.	

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BORING B76

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754690 ft **EASTING** 761775 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			GRAVELLY LEAN CLAY, moist, brown, low plasticity	0.3
				0.3
			POORLY GRADED SAND WITH SILT, fine to coarse grained, moist, brown	0
				0
				0.2
2.5				0.3
				0.2
				0.1
				0
				0
5.0				0
				0
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown to gray	0
				0.3
				0.5
7.5				0.1
				0
				0
				0
				0

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BORING B76

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown to gray *(continued)*	0
				0
				0
				0
				0
12.5				0
				0
				0
				0
			Becomes wet	0
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B77

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754662 ft **EASTING** 761701 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			LEAN CLAY, trace gravel, moist, brown, medium plasticity	0
			WELL GRADED SAND WITH GRAVEL, with silt, medium to coarse grained, moist, brown	0
				0
				0
				0
2.5				0
			WELL GRADED SAND WITH GRAVEL, with silt, fine to coarse grained, moist, brown	0
				0
				0
				0
5.0				0
				0
				0
				0
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown to gray	0
7.5				0
				0
				0
				0
				0

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown to gray *(continued)*	0
				0
				0
				0
				0
12.5				0
				0
				0
				0
			Becomes wet	0
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B78

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754446 ft **EASTING** 761926 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			SILTY GRAVEL WITH SAND, brown and black, some brick pieces	0
				0
				0
				0
				0
2.5				0
				0
				0
				0
			GRAVEL, dry, white	0
			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0
5.0				0
				0
				0
				0
				0
7.5				0
				0
				0
				0
				0

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, fine to coarse grained, brown and whiteish gray	0
				0
				0
				0
				0
12.5				0
				0
				0
				0
			Becomes wet	0
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B79

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754421 ft **EASTING** 761854 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse grained, moist, brown and black	0
				0
				0
				0
2.5				0
				0
				0
				0
				0
5.0				0
				0
				0
				0
				0
7.5				0
				0
				0
				0
				0

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BORING B79

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse grained, moist, brown and black *(continued)*	0
				0
				0
				0
				0
12.5				0
			POORLY GRADED SAND, coarse grained, moist, brown	0
				0
				0
			Becomes wet	0
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B80

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754391 ft **EASTING** 761776 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 - 0.2 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			Medium dense, GRAVELLY SILT WITH SAND, moist, brown	0
				0
				0
				0
2.5				0
				0
				0
				0
				0
			WELL GRADED SAND WITH GRAVEL, dry, brown and whiteish gray	0
5.0				0
				0
				0
				0
7.5				0
				0
				0
				0
				0

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BORING B80

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, dry, brown and whiteish gray *(continued)*	0
				0
				0
				0
				0
12.5				0
				0.8
				1
			Becomes wet	0.5
				0
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B81

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754348 ft **EASTING** 761969 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 1.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	1.1
			WELL GRADED GRAVEL WITH CLAY, medium to coarse grained, moist, brown	1.1
				1.1
				1.1
			Wood construction debris, unknown odor	1.1
2.5			POORLY GRADED SAND WITH GRAVEL, medium to coarse grained, moist, black and brown	1.1
				1.1
				1.1
				1.1
				1.1
5.0				1.1
				1.1
				1.1
				1.1
				1.1
				1.1
7.5				1.1
				1.1
				1.1
				1.1
				1.1

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BORING B81

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			POORLY GRADED SAND WITH GRAVEL, medium to coarse grained, moist, black and brown *(continued)*	1.1
				1.1
				1.1
				1.1
				1.1
12.5				1.1
			Becomes wet	1.1
				1.1
				1.1
				1.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B82

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754313 ft **EASTING** 761894 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 - 0.2 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH SILT, medium to coarse grained, moist, brown	0.1
				0.2
				0.1
				0.1
2.5				0.1
			WELL GRADED GRAVEL WITH SAND, dry, gray	0.1
				0.2
				0.1
				0.1
5.0				0.1
			WELL GRADED SAND WITH SILT, medium to coarse grained, moist, brown	0.1
				0.1
				0.1
				0.1
7.5				0.1
				0.1
				0.1
				0.1
				0.1
				0.1

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BORING B82

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Becomes gray	0.1
				0.1
				0.1
				0.1
				0.1
12.5				0.1
				0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B83

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754285 ft **EASTING** 761818 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown	0.1
				0.1
				0.1
			POORLY GRADED SAND WITH GRAVEL, fine grained, moist, brown	0.1
2.5				0.1
				0.1
				0.1
				0.1
				0.1
5.0			LEAN CLAY, trace gravel, moist, brown and gray, medium plasticity	0.1
				0.1
				0.1
				0.1
				0.1
7.5				0.1
			WELL GRADED GRAVEL WITH CLAY, with sand, moist, gray, medium plasticity	0.1
				0.1
				0.1
				0.1

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BORING B83

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED GRAVEL WITH CLAY, with sand, moist, gray, medium plasticity *(continued)*	0.1
				0.1
				0.1
				0.1
				0.1
12.5				0.1
				0.1
				0.1
			Becomes wet	0.1
				0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B84

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754282 ft **EASTING** 762004 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 1.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	1
			GRAVELLY LEAN CLAY WITH SAND, moist, brown and black, low plasticity	1
				1
				1
				1
2.5				1
				1
				1
				1
				1
5.0				1
			WELL GRADED SAND WITH CLAY, coarse grained, moist, brown	1
				1
				1
				1
7.5				1
				1
				1
				1
				1

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BORING B84

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH CLAY, coarse grained, moist, brown *(continued)*	1
			WELL GRADED SAND WITH GRAVEL, fine to coarse grained, dry, brown and white	1
				1
				1
				1
12.5				1
				1
			Becomes wet	1
				1
				1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B85

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754222 ft **EASTING** 761929 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			Medium dense, GRAVELLY SILT, trace sand, moist, brown	0.1
				0.1
				0.2
				0.2
2.5				0.1
				0.2
				0.1
			POORLY GRADED GRAVEL, trace sand, moist, black, ash-like appearance	0.1
				0.1
5.0			LEAN CLAY WITH SAND, trace gravel, moist, brown, medium plasticity	0.1
				0.1
				0.1
				0.1
				0.1
			WELL GRADED SAND WITH CLAY AND GRAVEL, medium grained, moist, brown	0.1
7.5				0.2
				0.1
				0.1
				0.2
				0.1

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BORING B85

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH CLAY AND GRAVEL, medium grained, moist, brown *(continued)*	0.1
				0.1
				0.1
				0.2
				0.1
12.5				0.1
				0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B86

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754195 ft **EASTING** 761853 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 - 0.2 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH SILT AND GRAVEL, coarse grained, moist, brown	0.1
				0.2
				0.1
			LEAN CLAY WITH SAND, trace gravel, gray, medium plasticity	0.1
2.5				0.1
				0.1
				0.1
				0.2
				0.1
5.0			GRAVELLY LEAN CLAY, with sand, moist, brown, low plasticity	0.1
				0.2
				0.1
				0.1
				0.1
7.5				0.2
				0.2
				0.2
				0.2
				0.2

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH SILT, with gravel, fine grained, moist, brown	0.1
				0.1
				0.2
				0.1
				0.1
12.5				0.1
				0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/14/14 **COMPLETED** 8/14/14
NORTHING 754220 ft **EASTING** 762039 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0
			Medium dense, GRAVELLY SILT WITH SAND, and coal, moist, brown and black	0
				0
				0
				0
2.5				0
				0
				0
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, black, ash like material	0
			Medium dense, GRAVELLY SILT WITH SAND, moist, brown	0
5.0				0
				0
				0
				0
				0
7.5				0
				0
				0
				0
				0

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED SAND WITH GRAVEL, medium to coarse grained, moist, brown	0
				0
				0
				0
				0
12.5				0
				0
				0
				0
			Becomes wet	0
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754144 ft **EASTING** 761960 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown	0.1
				0.1
				0.1
				0.1
2.5				0.1
			Dense, SILT, trace sand, trace gravel, moist, brown and gray	0.1
				0.1
				0.1
				0.1
5.0			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, gray and brown	0.1
				0.1
				0.1
				0.1
				0.1
7.5			SILTY GRAVEL, with sand, with gravel, moist, gray and brown, low plasticity	0.1
				0.1
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, gray and brown	0.1
				0.1
				0.1

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			CLAYEY GRAVEL WITH SAND, coarse grained, moist, brown	0.1
				0.1
				0.1
				0.1
				0.1
12.5				0.1
				0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754116 ft **EASTING** 761885 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH GRAVEL, coarse grained, moist, brown	0.1
				0.1
				0.1
				0.1
2.5			Medium dense, GRAVELLY SILT, moist, brown	0.1
			LEAN CLAY WITH GRAVEL, moist, brown, medium plasticity	0.1
				0.1
			POORLY GRADED SAND, medium to coarse grained, moist, brown	0.1
				0.1
5.0				0.1
			WELL GRADED GRAVEL WITH CLAY AND SAND, moist, brown	0.1
				0.2
				0.1
7.5				0.2
				0.1
				0.1
				0.2
				0.1

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			WELL GRADED GRAVEL WITH CLAY AND SAND, moist, brown *(continued)*	0.1
				0.1
				0.1
				0.2
				0.1
12.5				0.1
				0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B90

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754030 ft **EASTING** 762009 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 - 0.2 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			Dense, WELL GRADED SAND WITH GRAVEL, fine grained, moist, dark brown	0.1
				0.1
				0.1
				0.1
2.5				0.2
				0.1
				0.1
				0.1
				0.2
5.0			LEAN CLAY WITH SAND, with silt, with gravel, moist, gray, medium plasticity	0.1
				0.2
				0.3
				0.3
				0.3
7.5				0.3
				0.3
				0.3
				0.4
				0.4

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BORING B90

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			LEAN CLAY WITH SAND, with silt, with gravel, moist, gray, medium plasticity *(continued)*	0.2
				0.2
				0.2
				0.2
				0.1
12.5				0.2
			WELL GRADED GRAVEL WITH SAND, coarse grained, moist to wet, brown	0.2
				0.2
				0.2
			Becomes wet	0.2
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

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BORING B91

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754051 ft **EASTING** 761937 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY N. Gutschow **CHECKED BY** A. Gray
NOTES PID: ambient air 0.1 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			ASPHALT	0.1
			WELL GRADED SAND WITH SILT AND GRAVEL, fine grained, moist, brown	0.1
				0.1
				0.1
				0.3
2.5				0.8
				1.5
				1.7
			WELL GRADED SAND WITH GRAVEL, fine grained, moist, black	2.3
				1.8
5.0			WELL GRADED SAND WITH GRAVEL, medium grained, dry, white and brown	2.7
				3.6
				2.8
				1.7
				1.1
7.5				1.2
				1
				0.7
			POORLY GRADED SAND WITH GRAVEL, fine to coarse grained, moist, dark brown	0.5
				0.3

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BORING B91

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			POORLY GRADED SAND WITH GRAVEL, fine to coarse grained, moist, dark brown *(continued)*	0.1
				0.1
				0.1
				0.1
			POORLY GRADED SAND WITH GRAVEL, and rock fragments, fine to coarse grained, moist, dark brown	0.1
12.5				0.1
				0.1
				0.1
				0.1
			Becomes wet	0.1
15.0			Bottom of borehole at 15.0 feet.	
17.5				
20.0				

10.0

12.5

15.0

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BORING B92

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/12/14 **COMPLETED** 8/12/14
NORTHING 753791 ft **EASTING** 762120 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm, 7.1 ppm deeper than 4 ft

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	DEPTH (ft)
			Topsoil	0	0.0
			Very dense, WELL GRADED GRAVEL WITH SAND, fine to coarse grained, moist, dark brown, 2" black layer at 6 ft	0	
				0	
				0	
				3.8	
2.5				5.2	2.5
				23.5	
				2.6	
				8.6	
				8.8	
5.0				8.7	5.0
				9.2	
				9	
				8.1	
				7.8	
7.5			SANDY SILT, brown	7.8	7.5
			WELL GRADED GRAVEL WITH SAND, fine to coarse grained, dark brown	8.8	
				8.7	
				9.2	
				9	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			WELL GRADED GRAVEL WITH SAND, fine to coarse grained, dark brown *(continued)*	8.8
				8.9
				9.2
				9.2
			Very dense, POORLY GRADED GRAVEL, moist, brown	8.2
12.5				
				8.8
				8.1
15.0			Becomes wet	8.2
			Very dense, POORLY GRADED GRAVEL, saturated, brown	
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

10.0 12.5 15.0

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BORING B93

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/12/14 **COMPLETED** 8/12/14
NORTHING 753765 ft **EASTING** 762049 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 2.3 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	
			Topsoil	4.8	0.0
				4.9	
			Very dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown	5	
				5.8	
				5	
2.5				4.3	2.5
				5.2	
				5.2	
				7	
				7.6	
5.0				7.5	5.0
				6.5	
				6.6	
				6.8	
				6.9	
7.5				5.6	7.5
				5.7	
				5.8	
				6.1	
				6.1	

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BORING B93

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Very dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown *(continued)*	5
				5.6
				5.6
12.5				6.1
				6
			Very dense, WELL GRADED GRAVEL WITH SAND, trace silt, fine to coarse grained, moist, brown	6.4
15.0			Becomes wet	6.1
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B94

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/12/14 **COMPLETED** 8/12/14
NORTHING 753769 ft **EASTING** 762084 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 5.7 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Topsoil	5.8
				6
			Very dense, WELL GRADED GRAVEL WITH SAND, fine grained, moist, brown	6.1
				6.1
				6.3
2.5				6.4
				6.5
				6.5
				6.6
				6.6
5.0				6.6
				6.6
				7.3
				6.8
				6.6
7.5				6.6
				6
				6.1
				6
				6.2

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BORING B94

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Very dense, WELL GRADED GRAVEL WITH SAND, fine grained, moist, brown *(continued)*	6
				6.1
				6.2
				6.2
				6
12.5				6.1
				6.4
				6
				6.1
15.0			Becomes wet	6.2
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B95

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/12/14 **COMPLETED** 8/12/14
NORTHING 753746 ft **EASTING** 762018 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 5.6 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Topsoil	6.1
				6
			Dense, WELL GRADED GRAVEL WITH SILT, fine to medium grained, moist, brown	6.4
				6.2
				6.2
2.5				6.2
				6.2
				5.2
				6.2
				5.8
5.0				6
				6.1
				6.4
				6.3
				6.3
7.5				6.5
			Very dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained	5.8
				5.8
				5.8
				5.8

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BORING B95

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Very dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained *(continued)*	5.8
				5.8
				5.8
				6.1
				6.1
12.5				6
				5.8
				5.6
				5.7
			Becomes wet	6
15.0				
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B96

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/12/14 **COMPLETED** 8/12/14
NORTHING 753722 ft **EASTING** 762005 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 5.7 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	DEPTH (ft)
			Topsoil	9.7	0.0
				5.2	
			Dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, dark brown	6.6	
				5.7	
				6	
2.5				5.9	2.5
				5.8	
				5.8	
				19	
				9.8	
5.0				6.3	5.0
				6.3	
				6.4	
				6.3	
				6.3	
7.5				6.3	7.5
				11.6	
				8.5	
				13.1	
				9.6	

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BORING B96

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, dark brown *(continued)*	8.2
				7.6
				7.6
				7.6
				14.7
12.5				9.5
				7.5
15.0			Becomes wet	7.4
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B97

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 753658 ft **EASTING** 762074 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Topsoil	0.4
				0.3
			Dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown	0.1
				0
				0
2.5				0
				0
				0
				0.1
5.0				0
				0
				0
7.5				0
				0

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BORING B97

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown *(continued)*	0
				0
12.5				0
				0
				0
15.0			Becomes wet	0
				0
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B98

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 753480 ft **EASTING** 762235 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	DEPTH (ft)
			Topsoil	2.5	0.0
			WELL GRADED GRAVEL WITH SILT AND SAND, fill material, some bricks	31.1	
				10.1	
				1.2	
				1.2	
2.5				1.2	2.5
				1.3	
				1.2	
				0	
				0	
5.0				0	5.0
				0	
				0	
				0	
				0	
7.5			Black staining at 7.5 ft	0	7.5
			Dense, GRAVELLY SILT, fine to medium grained, moist, brown	0	
				0	
				0	
				0	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Dense, GRAVELLY SILT, fine to medium grained, moist, brown *(continued)*	0
				0
				0
				0
				1
12.5				0.9
				0.9
				0.4
				0.4
				0.4
15.0				0.4
				0.4
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING B99

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 8/13/14 **COMPLETED** 8/13/14
NORTHING 754027 ft **EASTING** 762494 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR New York Leak Detection
RIG TYPE Geoprobe
LOGGED BY M. Bauer **CHECKED BY** A. Gray
NOTES PID: ambient air 0.0 ppm

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Topsoil	0
				0
			Very dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown	0
				0
				0
2.5				0
				0
				0.2
				0
				0
5.0				0
				0
				0
				0
				0
7.5				0
				0
				0
				0
				0

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BORING B99

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0			Very dense, WELL GRADED GRAVEL WITH SAND, some silt, fine to coarse grained, moist, brown *(continued)*	0
				0
				0
				0
12.5				0
				0
				0
				0
			Becomes wet	0
				0
15.0				0
				0
			Bottom of borehole at 16.0 feet.	
17.5				
20.0				

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BORING BW7

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 10/6/15 **COMPLETED** 10/6/15
NORTHING 751630.8076 ft **EASTING** 766131.7877 ft
DRILLER Geosyntec
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD Hand
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0			SILT, moist, light brown, medium plasticity
			Becomes some clay, brownish gray
			Bottom of borehole at 2.0 feet.
2.5			
5.0			
7.5			

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BORING BW-8-C

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 10/20/15 **COMPLETED** 10/20/15
NORTHING Unknown **EASTING** Unknown
DRILLER Geosyntec
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" Acetate Liner
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES Water depth: 2.5ft; 5 coring attempts

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0			Very soft, SILT, trace roots, saturated, brown
			Loose, SILTY SAND, moist, brown
			Refusal at 0.5 feet.
			Bottom of borehole at 0.5 feet.
2.5			
5.0			
7.5			

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BORING BW-8-E

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 10/20/15 **COMPLETED** 10/20/15
NORTHING 748184.1806 ft **EASTING** 769108.2776 ft
DRILLER Geosyntec
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" Acetate Liner
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES Water depth: 1.5ft; 1 coring attempt

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0			Very soft, SILT, trace roots, trace sand, saturated, brown
			Soft, SANDY SILT, moist, brown
2.5			Refusal at 2.5 feet. Bottom of borehole at 2.5 feet.
5.0			
7.5			

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BORING BW-8-W

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 10/20/15 **COMPLETED** 10/20/15
NORTHING 748170.2933 ft **EASTING** 769104.4951 ft
DRILLER Geosyntec
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" Acetate Liner
UTILITY CONTRACTOR ---
RIG TYPE Liner
LOGGED BY J.T. **CHECKED BY** DRAFT
NOTES Water depth: 2ft; 1 coring attempt

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0			Very soft, SANDY SILT, saturated, gray
			Very loose, SILTY SAND, saturated, gray
			Becomes very loose, wet
2.5			Refusal at 2.5 feet. Bottom of borehole at 2.5 feet.
5.0			
7.5			

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BORING SS12-CA

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 7/17/15 **COMPLETED** 7/17/15
NORTHING 754232.1527 ft **EASTING** 762122.215 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 2' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown	
		No Samples		SAND, some fine to coarse gravel, few black shiny material (ash), moist, brown with black	1.2
2.5		No Samples			2.6
				No Recovery	
				SAND, some fine to coarse gravel, moist, brown, Trace brick	
				SAND, moist, brown with black	
5.0		SSHS-SS12-CA-SUB-4-6		SILT, moist, yellow	0.8
		SSHS-SS12-CA-SUB-6-8			0.5
7.5				SAND, few fine to coarse gravel, moist, brown	
				SILT, moist, yellow	
		SSHS-SS12-CA-SUB-8-10		SAND, some fine to coarse gravel, moist, brown	1.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING SSHS-MW45

CLIENT Unisys
PROJECT NAME Former Sperry Remington North
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 9/26/16 **COMPLETED** 9/26/16
NORTHING 754333.3014 ft **EASTING** 762431.2673 ft
DRILLER Zebra Environmental
GROUND ELEVATION --- **BORING DIAMETER** 4 in
DRILLING METHOD Hollow Stem Auger
TOP OF CASING ELEVATION ---
SAMPLING METHOD Split spoon sampler
UTILITY CONTRACTOR ---
RIG TYPE CME55
LOGGED BY A. Ranna **CHECKED BY** DRAFT
NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0		
2.5		
5.0		
7.5		

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BORING SSHS-MW45

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
12.5		
15.0		
17.5		
20.0		

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BORING SSHS-MW45

CLIENT Unisys **PROJECT NAME** Former Sperry Remington North

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
22.5		
25.0		
27.5		
30.0		
32.5		

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BORING B828

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/14
NORTHING 753795.7201 ft **EASTING** 762666.8211 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B828-SUB-0-2 @ 14:00		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, tan brown	0.1
2.5		SSHS-B828-SUB-2-4 @ 14:05		Becomes low plasticity	0.1
				No recovery	
		SSHS-B828-SUB-4-6 @ 14:10		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, and black shiny material (ash), moist, dark brown, low plasticity	0.3
5.0				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B829

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753777.5935 ft **EASTING** 762524.4231 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B829-SUB-0-2		Loose, SILTY SAND WITH GRAVEL, SAND, with silt, and fine gravel, dry, dark brown, non plastic	
				Loose, SILTY GRAVEL, fine to coarse gravel, with silt, dry, yellow tan	3.1
				No recovery	
				Medium dense, SAND, with fine gravel, and fine sand, moist, tan brown	
2.5		SSHS-B829-SUB-2-4		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, orange brown, low plasticity	4.1
				Becomes moist, increasing sand to silt	
				No recovery	
5.0		SSHS-B829-SUB-4-6			7.3
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, moist, orange brown	
				Red brick	
		SSHS-B829-SUB-6-8		Loose, WELL GRADED SAND WITH GRAVEL, medium to coarse sand, with fine to coarse gravel, moist, brown	1.3
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B830

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753839.7029 ft **EASTING** 762575.7157 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B880-SUB-0-2 @ 14:45		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, yellow to tan	1.4
				Medium stiff, SANDY SILT WITH GRAVEL, dry, dark brown	
2.5		SSHS-B880-SUB-2-4 @ 14:50			4.1
				No recovery Note: Hit refusal @ 4 ft bg, no sample collected	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B830 (re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 1/23/18 **COMPLETED** 1/23/18 **NORTHING** 753839.7029 ft **EASTING** 762575.7157 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** J. Thompson

NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5					
5.0		SSHS-B830-SUB-4-6		POORLY GRADED SAND, and black shiny material (ash), fine to medium grained, dark brown with black, crushed red brick, wood, and black staining	31.8
				Staining, yellow and red brick present	
7.5		SSHS-B830-SUB-6-8		Stiff, SILT WITH GRAVEL, moist, dark brown to black, non plastic, brick present	58.2
				Bottom of borehole at 8.0 feet.	

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BORING B831

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 1/10/18 **COMPLETED** 1/10/18 **NORTHING** 753810.7004 ft **EASTING** 762536.3227 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** J. Thompson

NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B831-SUB-0-2 @ 9:45		Loose, WELL GRADED SAND, fine to coarse sand, with fine to coarse gravel, dry, light tan brown	7.2
2.5		SSHS-B831-SUB-2-4 @ 9:50		Medium dense, SANDY SILT WITH GRAVEL, some clay, with sand, fine to coarse gravel, dark yellow brown, brick and black shiny material present	2.4
5.0		SSHS-B831-SUB-4-6 @ 9:55		Medium dense, SANDY SILT WITH GRAVEL, some clay, with sand, fine to coarse gravel, dark yellow brown, hydrocarbon odor	4.7
		SSHS-B831-SUB-6-8 @ 10:00			16.8
7.5				Dense, SANDY SILT WITH GRAVEL, coarse gravel, with silt, moist, dark brown, strong hydrocarbon odor	
				Loose, WELL GRADED GRAVEL WITH SILT, medium to coarse gravel, with silt, dry to moist, dark brown	
		SSHS-B831-SUB-8-10 @ 10:05		LEAN CLAY WITH SAND, moist, dark brown, high plasticity, hydrocarbon odor	98
				Loose, WELL GRADED GRAVEL, fine to coarse grained, dry, light gray	

Bottom of borehole at 10.0 feet.

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BORING B832

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753832.8066 ft **EASTING** 762547.5595 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, dry to moist, brown, (TOPSOIL) roots present and grass	
		SSHS-B832-SUB-0-2		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, dry to moist, light brown	1.2
				No recovery	
2.5		SSHS-B832-SUB-2-4		SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine sand, dry to moist, gray brown, non plastic	2
				WELL GRADED SAND WITH GRAVEL, some black shiny material (ash), dry to moist, dark gray, brick present	3.8
5.0		SSHS-B832-SUB-4-6		Stiff, SILTY GRAVEL, fine to coarse gravel, with silt, moist, dark brown with gray, low plasticity	
		SSHS-B832-SUB-6-8		Red brick Stiff, GRAVELLY SILT WITH SAND, SILT, with coarse gravel, and coarse sand, moist, dark brown, non plastic	1.3
7.5				Bottom of borehole at 8.0 feet.	

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BORING B833

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/8/18 **COMPLETED** 1/8/18
NORTHING 753906.9403 ft **EASTING** 762703.3893 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Dry, light gray to gray, Asphalt	
				Loose, SILTY SAND WITH GRAVEL, fine to coarse sand, with fine gravel, dry to moist, dark brown to black	
		SSHS-B833-SUB-0-2 @ 13:30		Medium dense, SILTY GRAVEL WITH SAND, fine sand, with fine to coarse gravel, dry, light tan to brown, @ 23" black fabric present	0.7
2.5		SSHS-B833-SUB-2-4 @ 13:35		Medium dense, WELL GRADED SAND WITH CLAY, fine to medium sand, with clay, yellow brown, low plasticity	0.4
				SILTY GRAVEL WITH SAND, coarse gravel, with fine sand, dry to moist, yellow brown	
5.0		SSHS-B833-SUB-4-6 @ 13:40		Medium dense, CLAYEY SAND WITH GRAVEL, fine sand, with coarse gravel, moist, brown	0.3
				Medium dense, POORLY GRADED SAND, medium sand, some fine gravel, dry to moist, brown	
				No recovery	
				Loose, dry to moist, brown	
		SSHS-B833-SUB-6-8 @ 13:45		Medium dense, WELL GRADED GRAVEL WITH CLAY, coarse gravel, with clay, dry to moist, brown, medium plasticity	0.4
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B834

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753803.1118 ft **EASTING** 762612.1001 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B834-SUB-0-2 @ 11:40		Soft, SANDY SILT WITH GRAVEL, fine to coarse gravel, moist, dark brown, low plasticity	5.4
				Becomes wet	
2.5		SSHS-B834-SUB-2-4 @ 11:45		Dense, SILTY GRAVEL WITH SAND, fine to coarse sand, moist, dark brown, non plastic Red brick	6.4
				No recovery	
		SSHS-B834-SUB-4-6 @ 11:50		Dense, SILTY GRAVEL WITH SAND, fine to coarse sand, moist, dark brown, non plastic, with red brick	
5.0				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, moist, dark brown, low plasticity	4.8
		SSHS-B834-SUB-6-8 @ 11:55		Loose, SILTY GRAVEL WITH SAND, with black shiny material (ash), wet, dark brown, some brick	7
7.5				Becomes loose, wet	
		SSHS-B834-SUB-8-10 @ 12:00		No recovery	4.1

Bottom of borehole at 10.0 feet.

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BORING B835

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753817.1767 ft **EASTING** 762634.6132 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B835-SUB-0-2		Loose, WELL GRADED SAND WITH GRAVEL, fine to coarse sand, with fine gravel, dry, dark brown with tan	4.6
2.5		SSHS-B835-SUB-2-4		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, some black shiny material (ash), dry, dark brown to tan, brick present	5.3
				Red brick	
5.0		SSHS-B835-SUB-4-6		WELL GRADED GRAVEL WITH SILT AND SAND, dry, light gray	1.3
				No recovery	
				Red brick	
		SSHS-B835-SUB-6-8		Medium dense, SANDY LEAN CLAY WITH GRAVEL, fine to coarse gravel, moist, dark brown	1.2
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B836

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753821.1695 ft **EASTING** 762601.5129 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B836-SUB-0-2		Medium dense, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, brown	
				SILTY SAND WITH GRAVEL, moist, dark brown, non plastic, glass present	32.8
2.5		SSHS-B836-SUB-2-4		Medium dense, SILTY GRAVEL, dry to moist, light tan, brick present	30.3
				No recovery	
5.0		SSHS-B836-SUB-4-6		SANDY SILT WITH GRAVEL, moist, dark brown, brick present, appears to be locally stained	12.5
		SSHS-B836-SUB-6-8		SILTY GRAVEL WITH SAND, fine to coarse grained, moist to wet, dark brown, non plastic, hydrocarbon odor	16.9
7.5				Red brick	
				Bottom of borehole at 8.0 feet.	

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BORING B837

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753799.5357 ft **EASTING** 762583.4617 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B837-SUB-0-2 @ 12:40		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, moist, tan brown	2.9
				Loose, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, moist, dark brown	
2.5		SSHS-B837-SUB-2-4 @ 12:45		Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse sand, moist, tan gray	3.3
				Stiff, SILT WITH GRAVEL, coarse gravel, dry to moist, dark brown	
				SILTY SAND, moist, dark brown, soil appears stained with some red brick and slight hydrocarbon odor	
5.0		SSHS-B837-SUB-4-6 @ 12:50			8.4
				No recovery Note: refusal at 6 ft	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B838

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753721.3075 ft **EASTING** 762563.8194 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B838-SUB-0-2		Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry, tan brown, non plastic	0.5
				Dense, SILT WITH GRAVEL, sand, with coarse gravel, dry to moist, dark brown, low plasticity	
2.5		SSHS-B838-SUB-2-4		Medium dense, SILT WITH GRAVEL, silt, with fine to coarse gravel, dark tan to black, low plasticity, slight hydrocarbon odor	0.7
		SSHS-B838-SUB-4-6		Medium dense, SILTY GRAVEL WITH SAND, coarse gravel, with silt, and fine to coarse sand, dry, tan to brown, non plastic	0.8
5.0				Soft, SANDY SILT, dry, tan to brown	
		SSHS-B838-SUB-6-8		Dense, SILTY GRAVEL, fine to coarse gravel, with silt, and black shiny material (ash), dark brown to tan, (shiny black material is present in lower 5")	1.1
7.5				SILT WITH SAND, fine to coarse sand, and black shiny material (ash), dark brown	
		SSHS-B838-SUB-8-10		Loose, SILTY GRAVEL, dark brown, non plastic	0.8
				No recovery	

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BORING B838

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B838-SUB-10-12		Loose, SILT WITH GRAVEL, fine to coarse gravel, dry, dark brown	0.7
				No recovery	
12.5		SSHS-B838-SUB-12-14		Loose, SILTY GRAVEL, coarse gravel, with silt, wet, brown, Note: Moisture is interpreted to represent the water table	0.8
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B839

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753667.7971 ft **EASTING** 762643.2451 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B839-SUB-0-2 @ 14:45		Loose, WELL GRADED SAND, dry to moist, brown	1.7
				Stiff, SANDY SILT, with black shiny material (ash), moist, dark brown, low plasticity	
2.5		SSHS-B839-SUB-2-4 @ 15:10		SILTY SAND, little gravel, with black shiny material (ash), dark brown, and brick present in matrix	1.4
				Stiff, SILT WITH SAND, with black shiny material (ash), moist, brown, and brick	
5.0		SSHS-B839-SUB-4-6 @ 15:15		Stiff, SANDY SILT WITH GRAVEL, and black shiny material (ash), dry, yellow and black, non plastic	1.1
		SSHS-B839-SUB-6-8 @ 15:20		Becomes with black shiny material (ash)	1.3
7.5				SILT, few gravel, with black shiny material (ash), orange yellow, low plasticity	
		SSHS-B839-SUB-8-10 @ 15:25		Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist, orange yellow, low plasticity	0.4

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BORING B839

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				SILT WITH SAND, and black shiny material (ash), dry to moist, dark brown, non plastic	
		SSHS-B839-SUB-10-12 @ 15:30		Loose, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, orange yellow, low plasticity	0.7
				No recovery	
12.5		SSHS-B839-SUB-12-14 @ 15:35		Medium dense, SILTY GRAVEL, fine to coarse gravel, wet, orange brown, low plasticity	1.7
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B840

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753657.9776 ft **EASTING** 762703.9536 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B840-SUB-0-2 @ 8:50		WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, with black shiny material (ash), moist, tan brown, and brick	0.8
				Medium stiff, SANDY SILT, with black shiny material (ash), dark black	
2.5				Loose, SILTY GRAVEL, dry, light gray, and crushed concete	
		SSHS-B840-SUB-2-4 @ 8:55		Medium dense, SILTY SAND, with black shiny material (ash), dry to moist, dark gray to black, low plasticity, and crushed brick	0.8
				Dense, SILTY GRAVEL WITH SAND, fine to coarse sand, with black shiny material (ash), moist, dark brown gray, low plasticity, and crushed red brick	
5.0		SSHS-B840-SUB-4-6 @ 9:00		SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, orange with black, low plasticity	0.3
				No recovery	
				SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, orange with black, low plasticity	
		SSHS-B840-SUB-6-8 @ 9:05		Stiff, SANDY SILT, moist, brown, non plastic	0.4
7.5				No recovery	
				Stiff, SANDY SILT WITH GRAVEL, coarse gravel, dry to moist, orange, non plastic	
		SSHS-B840-SUB-8-10 @ 9:10		Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, orange, non plastic	0.3

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BORING B840

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Becomes black shiny material (ash), low plasticity	
		SSHS-B840-SUB-10-12 @ 9:15		Medium dense, SILTY GRAVEL WITH SAND, coarse gravel, dry to moist, brown orange, low plasticity, with red brick	0.8
				Loose, SILTY SAND, fine to coarse grained, wet, brown	
12.5		SSHS-B840-SUB-12-14 @ 9:20		Medium dense, WELL GRADED GRAVEL WITH SILT, fine to coarse gravel, moist, orange brown	0.3
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

10.0

12.5

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BORING B841

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753676.1108 ft **EASTING** 762742.2737 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B841-SUB-0-2 @ 8:10		Medium dense, WELL GRADED SAND WITH SILT, fine gravel, dry to moist, brown, with brick	1.4
				Soft, SILT WITH SAND, black shiny material (ash), dry to moist, black, non plastic, black shiny material is primary soil component	
2.5		SSHS-B841-SUB-2-4 @ 8:15		Soft, SANDY SILT, with black shiny material (ash), tan brown, non plastic, and brick	1
				No recovery	
				Soft, SANDY SILT, dark tan and brown	
				Soft, with black shiny material (ash), dry to moist, black, and brick	
5.0		SSHS-B841-SUB-4-6 @ 8:20			1.3
				No recovery	
				Fine to coarse gravel, moist, orange yellow, low plasticity	
		SSHS-B841-SUB-6-8 @ 8:25			1.9
7.5				Becomes and black shiny material (ash)	
		SSHS-B841-SUB-8-10 @ 8:30		Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse sand, dry to moist, orange, non plastic	1

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BORING B841

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No recovery	
		SSHS-B841-SUB-10-12 @ 8:35		Becomes some black shiny material (ash), and brick	1.3
				No recovery	
12.5		SSHS-B841-SUB-12-14 @ 8:40		Loose, SILTY GRAVEL WITH SAND, wet, orange brown, non plastic	
				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, moist, orange, low plasticity	1.5
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B842

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753686.5865 ft **EASTING** 762585.0956 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B842-SUB-0-2		Loose, WELL GRADED SAND WITH GRAVEL, moist, brown	2.9
				SILTY SAND WITH GRAVEL, moist, dark brown	
2.5		SSHS-B842-SUB-2-4		SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, dark brown to black, brick present	3.1
				No recovery	
				SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, dark brown to black, brick present	
5.0		SSHS-B842-SUB-4-6		Stiff, SILT WITH GRAVEL, fine gravel, dry to moist, dark brown to brown, non plastic	8.9
				WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, dry to moist, light brown to brown, crushed brick present	
		SSHS-B842-SUB-6-8		SILTY SAND WITH GRAVEL, fine sand, with silt, and coarse gravel, black, soil appears stained and contains brick	3.8
7.5				No recovery	
				SILTY SAND WITH GRAVEL, fine sand, with silt, and coarse gravel, moist, dark brown, soil appears stained	
				Loose, WELL GRADED GRAVEL WITH SAND, moist, dark brown	
		SSHS-B842-SUB-8-10		Stiff, SILT WITH GRAVEL, moist, dark brown, non plastic	2.7

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BORING B842

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Non plastic SANDY SILT, dry to moist, dark brown	
		SSHS-B842-SUB-10-12		Medium dense, SILTY SAND WITH GRAVEL, fine to medium sand, with silt, and coarse gravel, dry to moist, brown	3.5
				No recovery	
				SANDY SILT, dry to moist, dark brown, non plastic	
				Loose, POORLY GRADED GRAVEL WITH SAND, fine gravel, dry to moist, orange brown	
12.5				SANDY SILT, dry to moist, dark brown, non plastic	
		SSHS-B842-SUB-12-14		Medium dense, WELL GRADED GRAVEL WITH SILT, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, orange brown	5.2
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B843

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753662.5445 ft **EASTING** 762585.1776 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
0.0		Asphalt
		Medium dense, WELL GRADED SAND WITH SILT, fine to coarse gravel, dry to moist, brown, few brick
		Soft, SANDY SILT WITH GRAVEL, dry, brown
2.5		SANDY LEAN CLAY WITH GRAVEL, fine gravel, moist, dark brown
		No recovery
		Stiff, SANDY SILT WITH GRAVEL, coarse gravel, moist, dark brown, non plastic
5.0		Medium dense, SILTY SAND WITH GRAVEL, moist, dark brown, soil appears stained
		No recovery
		SILT WITH SAND, moist, dark brown, low plasticity, soil appears to be stained
		Soft, SILT, with black shiny material (ash), dry to moist, dark black, non plastic
7.5		Becomes black shiny material is primary composition

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BORING B843

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION
		Dark black, non plastic, primarly black shiny material (interpreted to be coal), size is sand to silt, hydrocarbon odor
10.0		No recovery
		Bottom of borehole at 12.0 feet.
12.5		
15.0		
17.5		
20.0		

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BORING B844

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753642.4068 ft **EASTING** 762595.6041 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B844-SUB-0-2 @ 14:20		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, SAND, with silt, and fine gravel, few black shiny material (ash), dry to moist, brown, and red brick	3.5
2.5				Soft, SANDY SILT, dry to moist, dark brown	
		SSHS-B844-SUB-2-4 @ 14:25		Loose, WELL GRADED GRAVEL WITH SAND, fine to medium gravel, with fine to medium sand, brown gray, some brick	2.2
				No recovery	
				Dense, CLAYEY GRAVEL WITH SAND, coarse sand, with clay, and fine to coarse gravel, wet, dark brown gray, medium plasticity, some crushed red brick	
5.0		SSHS-B844-SUB-4-6 @ 14:30		Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and coarse sand, dry to moist, brown	1.2
		SSHS-B844-SUB-6-8 @ 14:35		SANDY SILT, with black shiny material (ash), black, soil appears stained	1.2
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B845

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753785.5298 ft **EASTING** 762725.0329 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B845-SUB-0-2 @ 13:15		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, light tan to brown, with brick present	0.4
2.5				Medium dense, WELL GRADED SAND WITH SILT, and black shiny material (ash), dark red with black, soil appears stained and contains brick	
				No recovery	
				Appears there is a void, no recovery or resistance	
5.0					
7.5					
		SSHS-B845-SUB-8-10 @ 13:30		Loose, POORLY GRADED SAND WITH GRAVEL, few coarse gravel, moist, dark brown, concrete with black shiny material and possibly slag	9.1
				No recovery	

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BORING B845

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B845-SUB-10-12 @ 13:35		Dense, SILTY GRAVEL WITH SAND, coarse gravel, moist, dark brown, low plasticity, some foreign material with slag and hydrocarbon odor	19.5
				No recovery	
12.5		SSHS-B845-SUB-12-14 @ 13:40		Loose, SILTY SAND, coarse sand, wet, dark brown, low plasticity, hydrocarbon odor	63.1
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B845 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753785.5298 ft **EASTING** 762725.0329 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
2.5				Medium dense, WELL GRADED SAND WITH GRAVEL, moist, brown	
5.0		SSHS-B845-SUB-4-6		Stiff, SANDY SILT, and black shiny material (ash), moist, red brown, gray shiny material	2.6
				Dense, WELL GRADED SAND WITH SILT, and black shiny material (ash), dry to moist, gray brown, crushed yellow brick	
				Medium stiff, LEAN CLAY WITH GRAVEL, CLAY, with fine to coarse gravel, moist, brown	
		SSHS-B845-SUB-6-8		Loose, WELL GRADED SAND WITH SILT, dry, brown	1.2
7.5				Concrete	
				Stiff, SILT, moist, dark tan brown, non plastic	

Bottom of borehole at 8.0 feet.

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BORING B846

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753763.2858 ft **EASTING** 762708.1465 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B846-SUB-0-2 @ 8:45		Loose, WELL GRADED SAND, moist, light yellow brown	3.2
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown, some brick and black shiny material	
				No recovery	
2.5		SSHS-B846-SUB-2-4 @ 8:50		Dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown, crushed yellow-orange brick	0.8
				Medium dense, dry to moist, burnt orange crushed brick	
				No recovery	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown	
				Loose, WELL GRADED SAND, wet, dark orange brown, with orange and red brick fragments	
5.0		SSHS-B846-SUB-4-6 @ 8:55		Loose, WELL GRADED SAND WITH SILT, moist, brown	1.9
				No recovery	
				Stiff, SILT, dry to moist, dark brown, non plastic	
		SSHS-B846-SUB-6-8 @ 9:00		Becomes green gray	0.8
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B846 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/18 **COMPLETED** 1/23/18
NORTHING 753763.2858 ft **EASTING** 762708.1465 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled blind	
2.5					
5.0		SSHS-B846-SUB-4-6 @ 08:45		Loose, WELL GRADED SAND, fine to coarse grained, moist, dark red brown, soil appears to be locally discolored white and stained with abundant salg, brick, and metal fragements	1.6
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B847

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753770.7694 ft **EASTING** 762618.3238 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B847-SUB-0-2 @ 10:10		Medium dense, WELL GRADED SAND, fine to coarse grained, moist, brown	1.2
				SANDY SILT WITH GRAVEL, black shiny material (ash), dark brown, soil appears stained with black shiny material in matrix and red crushed brick	
2.5		SSHS-B847-SUB-2-4 @ 10:15		Loose, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, tan brown, low plasticity	1.6
				No recovery	
				Loose, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, tan brown, low plasticity	
5.0		SSHS-B847-SUB-4-6 @ 10:20		Dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse grained, moist, dark brown, with crushed red brick	0.7
				No recovery	
		SSHS-B847-SUB-6-8 @ 10:25		Medium dense, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown	
7.5				No recovery	0.8

Bottom of borehole at 8.0 feet.

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BORING B848

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753663.9946 ft **EASTING** 762571.4571 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B848-SUB-0-2 @ 14:40		Loose, WELL GRADED SAND WITH GRAVEL, moist, brown	0.4
2.5		SSHS-B848-SUB-2-4 @ 14:45		Medium dense, SILTY GRAVEL WITH SAND, fine to coarse sand, gray brown, low plasticity	0.6
				SILTY SAND WITH GRAVEL, dark brown to black, low plasticity	
				Stiff, SANDY SILT WITH GRAVEL, fine gravel, dry to moist, dark brown	
5.0		SSHS-B848-SUB-4-6 @ 14:50		Loose, SILTY SAND WITH GRAVEL, dry to moist, tan brown	0.4
				Dense, SILTY SAND WITH GRAVEL, dark brown to black, soil appears stained	
		SSHS-B848-SUB-6-8 @ 14:55		Medium stiff, SANDY SILT WITH GRAVEL, fine gravel, dry to moist, dark gray with brown	
7.5				SANDY SILT WITH GRAVEL, medium to coarse sand, with silt, and coarse gravel, gray black, soil appears stained	0.8
				SANDY SILT, dark brown, low plasticity, soil appears stained	
		SSHS-B848-SUB-8-10 @ 15:00		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, moist, orange tan, medium plasticity	0.6
				No recovery	

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BORING B848

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B848-SUB-10-12 @ 15:05		Medium dense, WELL GRADED GRAVEL WITH SAND, fine to coarse gravel, with fine to coarse sand, moist, orange	0.3
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B849

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753659.6672 ft **EASTING** 762613.0155 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B849-SUB-0-2 @ 9:00		Loose, WELL GRADED SAND, fine to coarse grained, wet, brown	
				POORLY GRADED SAND WITH GRAVEL, fine sand, with coarse gravel, moist, brown	1.3
				No recovery	
2.5		SSHS-B849-SUB-2-4 @ 9:05		Loose, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and coarse gravel, dark brown, with yellow brick	2.7
				No recovery Note: Two (2) attempst were made to collect sufficient sample for tests	
		SSHS-B849-SUB-4-6 @ 9:10		Stiff, SILT, dry to moist, dark brown, non plastic, with red brick	
5.0				Medium dense, SANDY SILT WITH GRAVEL, dry to moist, black, non plastic, with red brick and blak shiny material	2.9
				No recovery	
		SSHS-B849-SUB-6-8 @ 9:15		Loose, SILTY GRAVEL WITH SAND, fine to coarse grained, wet, dark brown	
				Medium dense, CLAYEY SAND, moist, dark brown, medium plasticity	3.4
7.5				Dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, moist, dark brown	
				Red Brick	
				Bottom of borehole at 8.0 feet.	

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BORING B850

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753663.2007 ft **EASTING** 762626.1585 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B850-SUB-0-2 @ 10:00		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, tan brown	1.8
				No recovery	
2.5				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, tan brown	
		SSHS-B850-SUB-2-4 @ 10:05		Medium dense, SANDY SILT WITH GRAVEL, and black shiny material (ash), dry to moist, dark brown, with brick	1
				No recovery	
5.0		SSHS-B850-SUB-4-6 @ 10:10		Medium dense, SANDY SILT WITH GRAVEL, and black shiny material (ash), dry to moist, dark brown, with brick and some crushed concrete	0.5
7.5		SSHS-B850-SUB-6-8 @ 10:15		SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown, and brick, soil appears stained	1
				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B850 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/18 **COMPLETED** 1/23/18
NORTHING 753663.2007 ft **EASTING** 762626.1585 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5					
5.0					
7.5		SSHS-B850-SUB-8-10		Dense, SAND, with black shiny material (ash), medium to coarse grained, moist, dark red brown, Slag, brick, and wood present	
				Very stiff, LEAN CLAY, CLAY, moist, orange yellow	2.1

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BORING B850 (re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Increasing gravel	
				Loose, CLAYEY GRAVEL, GRAVEL, with clay, fine to coarse grained, wet, orange tan, medium plasticity	3
				WELL GRADED SAND WITH CLAY, fine to coarse sand, moist, orange tan	
12.5				Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, moist, orange tan, low plasticity	
		SSHS-B850-SUB-10-12			3.1
		SSHS-B850-SUB-12-14			
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B851

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753735.402 ft **EASTING** 762642.3166 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B851-SUB-0-2 @ 11:15		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, tan brown	2.2
				Loose, SILTY SAND, with black shiny material (ash), dry to moist, dark brown, and brick	
				Crushed convrete	
2.5		SSHS-B851-SUB-2-4 @ 11:20		Medium dense, SANDY SILT WITH GRAVEL, fine gravel, dark brown, non plastic	1.7
				SILTY SAND, with black shiny material (ash), dark brown, and some crushed red brick and concrete	
5.0		SSHS-B851-SUB-4-6 @ 11:25		SILTY SAND WITH GRAVEL, with black shiny material (ash), fine to coarse sand, dry to moist, dark gray, non plastic, and some brick	1.9
				Becomes dry to moist	
7.5		SSHS-B851-SUB-6-8 @ 11:30		No recovery	1.7
		SSHS-B851-SUB-8-10 @ 11:35		SILTY SAND WITH GRAVEL, with black shiny material (ash), fine to coarse sand, dry to moist, dark gray, non plastic, and some brick	1.2
				No recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				SILTY SAND WITH GRAVEL, with black shiny material (ash), fine to coarse sand, dry to moist, dark gray, non plastic, and some brick	
		SSHS-B851-SUB-10-12 @ 11:40		Loose, WELL GRADED GRAVEL WITH SILT AND SAND, with black shiny material (ash), fine to coarse sand, dry to moist, dark brown, non plastic	1.5
				No recovery	
12.5		SSHS-B851-SUB-12-14 @ 11:45		Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse gravel, with fine to coarse sand, wet, brown	1.4
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B852

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753735.3036 ft **EASTING** 762659.3277 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, moist, brown, non plastic	
		SSHS-B852-SUB-0-2 @ 12:05		Light tan, crushed concrete (FILL)	0.3
				SANDY SILT WITH GRAVEL, with black shiny material (ash), moist, dark brown, and red brick	
2.5		SSHS-B852-SUB-2-4 @ 12:10		Soft, SANDY SILT WITH GRAVEL, fine gravel, with black shiny material (ash), dry to moist, dark brown, and red brick	0.6
5.0		SSHS-B852-SUB-4-6 @ 12:15		Becomes coarse gravel, little black shiny material (ash), low plasticity	0.7
				No recovery	
		SSHS-B852-SUB-6-8 @ 12:20		Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, brown, non plastic	0.8
7.5				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, dry to moist, brown, and brick	
		SSHS-B852-SUB-8-10 @ 12:25		Stiff, SILT, dry to moist, dark brown, non plastic	3.5
				Medium dense, SILTY SAND WITH GRAVEL, dry to moist, brown, and brick	
				No recovery	

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BORING B852

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B852-SUB-10-12 @ 12:30		Medium dense, SILTY SAND WITH GRAVEL, dry to moist, brown, and brick	4.2
				No recovery	
12.5		SSHS-B852-SUB-12-14 @ 12:35		Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, moist, brown	3.7
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B853

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/8/18 **COMPLETED** 1/8/18
NORTHING 753835.8742 ft **EASTING** 762699.2718 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Crushed asphalt	
		SSHS-B853-SUB-0-2 @ 15:30		Loose, SILTY SAND WITH GRAVEL, fine gravel, dry, dark yellow to brown	0.5
				Medium stiff, CLAYEY GRAVEL WITH SAND, coarse gravel, with clay, and black shiny material (ash), dark brown, brick fragments present	
2.5		SSHS-B853-SUB-2-4 @ 15:35		SILTY SAND, dry, tan to brown, black shiny material in matrix	0.5
				WELL GRADED SAND WITH GRAVEL, dark black, Matrix is dominated by foreign material (black shiny material and brick)	
				Loose, SILT, dry, tan brown	
5.0		SSHS-B853-SUB-4-6 @ 15:40		Loose, WELL GRADED SAND, with black shiny material (ash), dry, dark brown to black, Note: 2 attempts were made to collect the 6-8' ft interval. The first attempt had <2" of recovery and the second attempt hit refusal.	0.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B854

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753816.4484 ft **EASTING** 762722.7003 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B854-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT, fine to coarse sand, with silt, some fine gravel, dry, light brown to brown	5.8
				No recovery	
2.5		SSHS-B854-SUB-2-4		Becomes some black shiny material (ash), brick present	1.7
				Becomes loose	
5.0		SSHS-B854-SUB-4-6		Dense, CLAYEY GRAVEL, coarse grained, moist, brown	0.9
				Becomes medium dense, medium plasticity, less clay	
		SSHS-B854-SUB-6-8		No recovery	3
7.5				Bottom of borehole at 8.0 feet.	

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BORING B855

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753718.6336 ft **EASTING** 762601.4932 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B855-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, tan brown	3.5
2.5		SSHS-B855-SUB-2-4		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, black shiny material (ash), dry to moist, dark brown, low plasticity, Brick present in soil	3.6
5.0		SSHS-B855-SUB-4-6		Medium dense, SILTY SAND WITH GRAVEL, sand, with silt, and fine to coarse gravel, dry, dark brown with gray, non plastic	1.7
		SSHS-B855-SUB-6-8		SILTY SAND WITH GRAVEL, fine sand, with silt, with coarse gravel, dark tan to gray, low plasticity	2.1
7.5				Medium dense, SILTY SAND, black shiny material (ash), dry, dark gray to black	
		SSHS-B855-SUB-8-10		Loose, WELL GRADED SAND, dry, gray	
				Medium dense, LEAN CLAY, moist, dark brown, medium plasticity	56.8
				No recovery	

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BORING B855

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Medium stiff, SILT WITH SAND, dry to moist, dark gray	
		SSHS-B855-SUB-10-12		Stiff, LEAN CLAY WITH GRAVEL, coarse gravel, moist, dark brown gray, medium plasticity	67
				No recovery	
12.5		SSHS-B855-SUB-12-14		Loose, WELL GRADED GRAVEL WITH SILT AND SAND, gravel, with fine to coarse sand, wet, dark brown to brown, non plastic, Interpreted to by the depth of the water table	21.2
				No recovery	

Bottom of borehole at 14.0 feet.

15.0

17.5

20.0

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BORING B856

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/17/18 **COMPLETED** 1/17/18
NORTHING 753693.1809 ft **EASTING** 762680.3053 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				SANDY SILT WITH GRAVEL, fine to coarse gravel, dry to moist, dark brown, non plastic	
		SSHS-B856-SUB-0-2 @ 11:20		Medium dense, SILTY GRAVEL WITH SAND, moist, tan brown	
				No recovery	4.7
2.5		SSHS-B856-SUB-2-4 @ 11:25		Medium dense, SILTY SAND WITH GRAVEL, fine to medium sand, dry to moist, dark brown, low plasticity, soil contains brick, shiny material, and appears stained	2.5
				No recovery	
5.0		SSHS-B856-SUB-4-6 @ 11:30		Medium dense, SILTY SAND WITH GRAVEL, fine to medium sand, dry to moist, dark brown, low plasticity, soil contains brick, shiny material, and appears stained Stiff, SILT, and black shiny material (ash), some gravel, light brown to brown, non plastic	0.5
				No recovery	
				Loose, SILTY SAND WITH GRAVEL, some black shiny material (ash), dry to moist, dark brown	
		SSHS-B856-SUB-6-8 @ 11:35		SANDY SILT WITH GRAVEL, some gravel, orange brown, non plastic, locally stained with black shiny material	0.8
7.5				No recovery	
		SSHS-B856-SUB-8-10 @ 11:40		Stiff, LEAN CLAY WITH SAND, fine to coarse sand, moist, tan brown, medium plasticity	0.5
				Stiff, SILT, dry to moist, tan orange, non plastic	

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BORING B856

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				LEAN CLAY WITH GRAVEL, dark brown with orange, medium plasticity	
		SSHS-B856-SUB-10-12 @ 11:45		Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, orange brown	0.3
				Becomes dense, dry to moist, orange brown	
12.5		SSHS-B856-SUB-12-14 @ 11:50			0.8
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B857

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753635.0807 ft **EASTING** 762648.2057 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B857-SUB-0-2 @ 14:15		WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry to moist, yellow brown	1.1
2.5				SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, dark brown, soil appears stained	
		SSHS-B857-SUB-2-4 @ 14:20		Soft, SANDY SILT WITH GRAVEL, fine to coarse gravel, with black shiny material (ash), dry to moist, dark brown to black, non plastic, crushed brick	3.2
				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, dry to moist, tan brown	
				WELL GRADED GRAVEL WITH SILT AND SAND, moist, dark gray to brown, soil appears stained with wood	
5.0		SSHS-B857-SUB-4-6 @ 14:25		SILTY SAND, with black shiny material (ash), fine to coarse grained, dark brown to orange, soil appears locally stained	1.5
				Black shiny material (ash), dry, black, material the size of well graded sand	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B858

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/18
NORTHING 753855.7003 ft **EASTING** 762554.3476 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium dense, SILT, dry to moist, brown, non plastic	
		SSHS-B858-SUB-0-2 @ 12:15		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, and fine to coarse gravel, dry to moist, tan brown, non plastic	1.2
				No recovery	
2.5		SSHS-B858-SUB-2-4 @ 12:20		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, and fine to coarse gravel, dry to moist, tan brown, non plastic, with brick	0.8
				No recovery	
5.0		SSHS-B858-SUB-4-6 @ 12:25		Loose, SILTY SAND WITH GRAVEL, black shiny material (ash), dry to moist, gray brown, localized staining and crushed brick	0.7
				Becomes black shiny material (ash), and brick	
		SSHS-B858-SUB-6-8 @ 12:30		Red brick	0.4
7.5				Medium dense, SILTY SAND WITH GRAVEL, some black shiny material (ash), moist, dark brown, low plasticity	
				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B859

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/18
NORTHING 753871.0349 ft **EASTING** 762578.1435 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, non plastic, roots present (TOPSOIL)	
		SSHS-B859-SUB-0-2 @ 12:45		Medium dense, SILTY SAND WITH GRAVEL, fine gravel, dry to moist, brown, non plastic	0.9
				No recovery	
2.5		SSHS-B859-SUB-2-4 @ 12:50		Medium dense, SILTY SAND WITH GRAVEL, fine gravel, dry to moist, brown, non plastic	
				Soft, SANDY SILT, with black shiny material (ash), dry to moist, dark brown, and brick	1.3
				Medium dense, SILTY SAND WITH GRAVEL, fine gravel, dry to moist, brown, non plastic	
				Medium dense, SILTY SAND, with black shiny material (ash), dry to moist, dark brown to brown	
5.0		SSHS-B859-SUB-4-6 @ 12:55			1.1
				Loose, SILTY SAND WITH GRAVEL, coarse gravel, dry, gray	
				SILTY SAND WITH GRAVEL, coarse gravel, tan with gray	
		SSHS-B859-SUB-6-8 @ 13:00		SILTY SAND WITH GRAVEL, and black shiny material (ash), moist, dark brown, low plasticity	0.5
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B860

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/18
NORTHING 753882.3078 ft **EASTING** 762608.5896 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, non plastic, with roots	
		SSHS-B860-SUB-0-2 @ 13:15		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, tan brown	0.1
				No recovery	
2.5		SSHS-B860-SUB-2-4 @ 13:20		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, tan brown With fine gravel, moist, dark brown	0.4
				No recovery	
5.0		SSHS-B860-SUB-4-6 @ 13:25		SILTY SAND WITH GRAVEL, fine to coarse sand, and silt, with coarse gravel, brown tan, non plastic Becomes brick and concrete present	0.3
7.5		SSHS-B860-SUB-6-8 @ 13:30		No recovery	0.3

Bottom of borehole at 8.0 feet.

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BORING B861

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753890.1458 ft **EASTING** 762636.6637 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, brown, non plastic, with grass	
		SSHS-B861-SUB-0-2 @ 15:30		Medium dense, SILTY SAND WITH GRAVEL, dry to moist, tan brown, non plastic	2.4
2.5		SSHS-B861-SUB-2-4 @ 15:30			1.6
				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, dry to moist, tan brown, non plastic	
				Red brick	
5.0		SSHS-B861-SUB-4-6 @ 15:30			2.8
				No recovery	
				Red brick	
				WELL GRADED SAND, few gravel, some black shiny material (ash), dry to moist, gray brown	
		SSHS-B861-SUB-6-8 @ 15:30			0.8
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B862

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753805.9563 ft **EASTING** 762505.9126 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B862-SUB-0-2 @ 14:15		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and coarse gravel, dry, tan brown	0.5
				Stiff, WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, moist, dark brown	
2.5		SSHS-B862-SUB-2-4 @ 14:20		SILTY SAND WITH GRAVEL, and black shiny material (ash), dry, black to brown	0.2
				Medium dense, WELL GRADED SAND WITH GRAVEL, coarse gravel, dry to moist, dark brown	
5.0		SSHS-B862-SUB-4-6 @ 14:25		Medium dense, WELL GRADED SAND WITH SILT, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, brown, Black shiny material is present	0.8
				No recovery	
		SSHS-B862-SUB-6-8 @ 14:30		Becomes coarse gravel	0.5
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B863

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753834.4241 ft **EASTING** 762524.971 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, brown, non plastic, roots present	
		SSHS-B863-SUB-0-2 @ 11:45		Loose, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, light gray brown	3.6
2.5				WELL GRADED GRAVEL, dry, gray	
		SSHS-B863-SUB-2-4 @ 11:50		Loose, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, light gray brown, soil appears stained	3.5
				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, light brown, non plastic, brick present	
5.0		SSHS-B863-SUB-4-6 @ 11:55			1.9
				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, black shiny material (ash), light brown, and brick present	
		SSHS-B863-SUB-6-8 @ 12:00			4.4
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B864

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753816.2516 ft **EASTING** 762651.7818 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B864-SUB-0-2		Loose, SILTY GRAVEL WITH SAND, coarse gravel, wet, brown	5.5
				No recovery	
2.5		SSHS-B864-SUB-2-4		Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, dark brown, low plasticity, Some black shiny material and brick fragments	0.8
				CLAYEY GRAVEL WITH SAND, fine to coarse gravel, dark brown, (sand size fragments appear to be composed of primarly gravel shards)	
5.0		SSHS-B864-SUB-4-6		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist, dark brown, low plasticity	1.8
		SSHS-B864-SUB-6-8		Medium dense, CLAYEY SAND WITH GRAVEL, fine to medium sand, with clay, and fine to medium gravel, moist, dark brown, low plasticity, Brick and black shiny material is present	1.7
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B865

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/17/18 **COMPLETED** 1/17/18
NORTHING 753809.0173 ft **EASTING** 762747.3328 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B865-SUB-0-2 @ 15:20		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, light tan brown	0.9
				Stiff, SANDY SILT, and black shiny material (ash), dark brown, non plastic, with brick present in matrix	
2.5				SANDY SILT, dark brown orange	
		SSHS-B865-SUB-2-4 @ 15:25		Loose, black shiny material (ash), dry, dark gray, slag, coal, and brick the size of fine to coarse sand (FILL)	0.6
				No recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B866

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753766.0384 ft **EASTING** 762783.4121 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B866-SUB-0-2 @ 8:45		Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse sand, moist, brown	
				Medium dense, WELL GRADED SAND WITH SILT, black shiny material (ash), moist, brown to black, and brick present in matrix	1.7
2.5				Stiff, SILT, wet, orange brown, non plastic	
		SSHS-B866-SUB-2-4 @ 8:50		Becomes medium dense, moist, black, soil appears to be stained and contains brick and slag material	7.4
				Becomes No recovery	
				Becomes less brick	
5.0		SSHS-B866-SUB-4-6 @ 8:55			3.8
				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, moist, dark brown	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B867

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753732.126 ft **EASTING** 762794.1837 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B867-SUB-0-2 @ 12:10		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry, yellow tan	1.7
				Medium dense, WELL GRADED SAND, moist, dark brown, soil appears stained	
				No recovery	
2.5		SSHS-B867-SUB-2-4 @ 12:15		Becomes brick and black shiny material present	1.8
				Medium dense, POORLY GRADED SAND, fine grained, dry to moist, yellow orange	
				Medium dense, WELL GRADED SAND, with coal, moist, dark brown, soil appears stained with brick and slag	
5.0		SSHS-B867-SUB-4-6 @ 12:20		No recovery	3.1
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B868

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/17/18 **COMPLETED** 1/17/18
NORTHING 753762.1211 ft **EASTING** 762764.9574 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B868-SUB-0-2 @ 14:40		Loose, WELL GRADED SAND, fine to coarse sand, dry to moist, tan gray, red brick present	16.2
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, with black shiny material (ash), moist, dark brown, appears stained	
				Loose, WELL GRADED GRAVEL WITH SAND, moist to wet, dark brown	
2.5				SILT WITH SAND, black shiny material (ash), moist, dark brown, and brick present	
		SSHS-B868-SUB-2-4 @ 14:45		Black shiny material (ash), dark gray black, (FILL) fine to coarse sand size fill material, red brick with slag	3.8
				Loose, WELL GRADED GRAVEL WITH SAND, moist to wet, dark brown	
5.0		SSHS-B868-SUB-4-6 @ 14:50		Black shiny material (ash), dark gray black, (FILL) fine to coarse sand size fill material, red brick with slag	1.5
				Loose, WELL GRADED GRAVEL, coarse grained, dry, gray	
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B869

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/8/18 **COMPLETED** 1/8/18
NORTHING 753863.6858 ft **EASTING** 762694.4949 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Crushed asphalt	
		SSHS-B869-SUB-0-2		Loose, SILTY SAND WITH GRAVEL, SAND, with silt, and coarse gravel, dry, light gray with black, gray material looks like ash	0.6
				Medium dense, CLAYEY SAND WITH GRAVEL, CLAY, with sand, and fine gravel, dry to moist, tan and brown	
2.5		SSHS-B869-SUB-2-4		Medium dense, CLAYEY SAND WITH GRAVEL, CLAY, with medium sand, and fine gravel, dry to moist, brown	0.7
				Loose, POORLY GRADED GRAVEL, coarse gravel, dry to moist, brown	
				Moist, dark black, Black shiny fill, fine to coarse sand size material	
5.0		SSHS-B869-SUB-4-6		Loose, SILTY SAND, fine to medium sand, dry, brown and black	0.2
				Stiff, LEAN CLAY, some medium to coarse sand, dark brown	
				No Recovery	
		SSHS-B869-SUB-6-8		Loose, SILTY SAND WITH GRAVEL, SAND, with fine to medium gravel, some black shiny material (ash), dry to moist, dark brown to brown	0.5
7.5				Dense, CLAYEY GRAVEL WITH SAND, fine gravel, with coarse sand, moist, yellow to brown	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B870

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/8/18 **COMPLETED** 1/8/18
NORTHING 753710.5201 ft **EASTING** 762813.1725 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Crushed asphalt	
		SSHS-B870-SUB-0-2 @ 14:50		Loose, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry, light yellow tan, non plastic	3.8
				SANDY SILT, SILT, with sand, and black shiny material (ash), dark brown to black	
2.5				Loose, SILTY SAND WITH GRAVEL, coarse gravel, dry, light gray	
		SSHS-B870-SUB-2-4 @ 14:55		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, some black shiny material (ash), moist, dark brown	1.2
				No recovery	
				Loose	
				LEAN CLAY, moist, brown, red and rellow brick present, gray foreign material present	
5.0		SSHS-B870-SUB-4-6 @ 15:00		Black shiny material (ash), dark brown to black	
				No recovery	1.5
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B871

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/17/18 **COMPLETED** 1/17/18
NORTHING 753789.5915 ft **EASTING** 762751.7947 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B871-SUB-0-2 @ 15:00		Dense, WELL GRADED SAND WITH SILT, fine to coarse sand, dry to moist, light yellow tan, non plastic	25
				WELL GRADED SAND WITH SILT, moist, dark brown, medium plasticity, brick present	
				Becomes some black shiny material (ash), appears locally stained with yellow and red brick	
2.5		SSHS-B871-SUB-2-4 @ 15:05			3.6
				Medium dense, WELL GRADED SAND WITH SILT, dark brown to gray, non plastic, grains are well graded sand in size, composed of slag, brick, and black shiny material (FILL)	
5.0		SSHS-B871-SUB-4-6 @ 15:10			1.3
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B872

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753860.0015 ft **EASTING** 762668.6223 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, tan to brown, roots	
		SSHS-B872-SUB-0-2 @ 2.3		WELL GRADED SAND WITH SILT, and black shiny material (ash), dry to moist, brown, brick is present, soil is stained	2.3
				Dense, POORLY GRADED SAND, fine grained, moist, yellow orange	
2.5		SSHS-B872-SUB-2-4 @ 0.6		Loose, dry, dark gray to brown, composed of solely black shiny material (interpreted to be coal) and brick	0.6
				No recovery	
				Dense, POORLY GRADED SAND, with black shiny material (ash), fine grained, moist, yellow orange, soil has some staining	
				WELL GRADED SAND, with black shiny material (ash), moist, dark gray, (slag, coal, and staining)	
5.0		SSHS-B872-SUB-4-6 @ 2.5		No recovery	2.5
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B873

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753752.9905 ft **EASTING** 762737.6674 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B873-SUB-0-2 @ 13:55		Loose, WELL GRADED SAND WITH SILT, dry, tan	3.8
				Medium dense, WELL GRADED SAND WITH SILT, some black shiny material (ash), moist, dark brown, crushed brick present	
				Becomes coarse gravel, brick but no black shiny material	
2.5		SSHS-B873-SUB-2-4 @ 14:00			3.8
				Becomes No recovery	
				Becomes medium dense, with silt, and fine gravel, and black shiny material (ash), black shiny material present in matrix	
5.0		SSHS-B873-SUB-4-6 @ 14:05			5
				Becomes No recovery	
		SSHS-B873-SUB-6-8 @ 14:10			6.1
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B874

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753824.3782 ft **EASTING** 762568.9112 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B874-SUB-0-2 @ 11:45		Medium dense, WELL GRADED SAND WITH GRAVEL, moist, gray brown	1.4
				SILT WITH GRAVEL, moist, dark brown, low plasticity	
2.5		SSHS-B874-SUB-2-4 @ 11:50		SANDY SILT WITH GRAVEL, fine to coarse gravel, some black shiny material (ash), moist, dark brown, brick is present, soil appears stained and has hydrocarbon odor	1.6
				No recovery	
				SANDY SILT WITH GRAVEL, fine to coarse gravel, some black shiny material (ash), moist, dark brown, brick is present, soil appears stained and has hydrocarbon odor	
				Loose, dry, gray, crushed concrete (FILL)	
5.0		SSHS-B874-SUB-4-6 @ 11:55		Dense, WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, dark brown, non plastic, red brick, wood, and soil staining, slight hydrocarbon odor	2.5
				No recovery	
				Loose, SANDY SILT, dry to moist, dark brown, non plastic, red brick and concrete present Note: Liner stuck, soil was consistency could not be determined	
		SSHS-B874-SUB-6-8 @ 112:00		No recovery	7.5
7.5					

Bottom of borehole at 8.0 feet.

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BORING B875

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753805.1328 ft **EASTING** 762555.0464 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B875-SUB-0-2 @ 12:10		Loose, WELL GRADED SAND WITH SILT, dry to moist, brown	0.1
				No recovery	
				Loose, WELL GRADED SAND WITH SILT, dry to moist, brown	
2.5				SANDY SILT, dry to moist, dark brown, non plastic	
		SSHS-B875-SUB-2-4 @ 12:15		Loose, SILTY GRAVEL, fine to coarse grained, dry to moist, tan brown	0.8
				WELL GRADED SAND WITH SILT, fine gravel, some black shiny material (ash), dry to moist, dark brown, soil appears stained, has hydrocarbon odor and red brick present	
5.0				No recovery Note: Hit refusal at 5 ft, recorded a PID readig but did not collect a sample	1.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B875 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/18 **COMPLETED** 1/23/18
NORTHING 753805.1328 ft **EASTING** 762555.0464 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled blind	
2.5				Loose, SILTY SAND, fine to coarse sand, and silt, moist, dark brown to brown, non plastic	
5.0		SSHS-B875-SUB-4-6		Medium dense, SILTY SAND WITH GRAVEL, SAND, and silt, with coarse gravel, and black shiny material (ash), dry to moist, dark brown to black, red and yellow brick present HIT REFUSAL AT APPROXIMATELY 5 1/2 TO 6 FT	1.5
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B876

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753692.2525 ft **EASTING** 762791.0925 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, dark brown, grass and leaves present in upper 2"	
		SSHS-B876-SUB-0-2		WELL GRADED SAND WITH GRAVEL, dry to moist, tan brown	5.4
				SILT, moist, orange, coarse slag fragments and black shiny material (interpeted to be coal)	
				WELL GRADED SAND, brown and orange	
				No recovery	
2.5				Medium stiff, SANDY LEAN CLAY, moist, dark brown, red brick present	
		SSHS-B876-SUB-2-4		No recovery	1.6
				Loose, dry to moist, dark brown to black, Crushed slag, brick, and black shiny material, fine to coarse sand size	
5.0		SSHS-B876-SUB-4-6			1.5
				No recovery	
				Yellow brick present	
		SSHS-B876-SUB-6-8			3.3
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B876 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753692.2525 ft **EASTING** 762791.0925 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
				Medium dense, SILTY SAND WITH GRAVEL, dry to moist, orange and brown, @ 24-27" back shiny material	
2.5		SSHS-B876-SUB-2-4		Medium dense, WELL GRADED SAND WITH SILT, dry to moist, brown	0.9
				Stiff, SILT, dry to moist, brown	
				Loose, WELL GRADED GRAVEL WITH SAND, dry to moist, tan brown	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B877

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753698.8174 ft **EASTING** 762609.4361 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B877-SUB-0-2 @ 9:15		Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and coarse gravel, dry to moist, light tan brown, non plastic, with red brick	0.8
2.5		SSHS-B877-SUB-2-4 @ 9:20		SANDY SILT WITH GRAVEL, fine gravel, dry to moist, dark brown tan, some fine pieces of brick and black shiny material	
				Dense, SANDY SILT WITH GRAVEL, moist, dark gray brown, glass, black shiny material and bricks are abundant	1.1
				No recovery	
				Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, moist, gray brown	
				Medium dense, SILTY GRAVEL WITH SAND, fine gravel, wet, dark brown, low plasticity	
5.0		SSHS-B877-SUB-4-6 @ 9:25		SANDY SILT WITH GRAVEL, with coarse gravel, and black shiny material (ash), dry to moist, dark brown, low plasticity	2.9
				No recovery	
		SSHS-B877-SUB-6-8 @ 9:30		Very stiff, SANDY SILT WITH GRAVEL, coarse gravel, with black shiny material (ash), moist, dark brown to black, appears stained	0.5
7.5				Loose, WELL GRADED GRAVEL, dry to moist, gray brown	
				No recovery	
				SANDY SILT WITH GRAVEL, some black shiny material (ash), moist, brown gray	
		SSHS-B877-SUB-8-10 @ 9:35		Medium stiff, SANDY SILT WITH GRAVEL, coarse gravel, some black shiny material (ash), moist, dark brown, low plasticity	0.7
				No recovery	

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BORING B877

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B877-SUB-10-12 @ 9:40		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, orange brown, low plasticity	8
				No recovery	
12.5		SSHS-B877-SUB-12-14 @ 9:45		Very loose, SILTY SAND, coarse sand, wet, dark brown, non plastic	4
				Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse sand, dry to moist, yellow brown	
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B878

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753749.7228 ft **EASTING** 762625.4957 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B878-SUB-0-2 @ 13:30		WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, dry to moist, brown tan, with red brick	0.8
				WELL GRADED GRAVEL WITH SAND, fine to coarse sand, moist, dark brown	
				SANDY SILT WITH GRAVEL, coarse gravel, dry to moist, dark brown, non plastic, crushed brick	
2.5		SSHS-B878-SUB-2-4 @ 13:35		Medium dense, SILTY SAND WITH GRAVEL, coarse gravel, dry to moist, dark brown, with red brick, soil appears stained	1
5.0		SSHS-B878-SUB-4-6 @ 13:40			1.8
				No recovery	
		SSHS-B878-SUB-6-8 @ 13:45		Loose, WELL GRADED SAND WITH SILT, fine gravel, with black shiny material (ash), moist, dark brown, red brick present	0.2
7.5				No recovery	
		SSHS-B878-SUB-8-10 @ 13:50		WELL GRADED GRAVEL WITH SAND, fine to coarse sand, with black shiny material (ash), dry to moist, dark brown	
				WELL GRADED SAND WITH GRAVEL, fine gravel, and black shiny material (ash), dry to moist, orange brown	1.5
				No recovery	

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BORING B878

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B878-SUB-10-12 @ 13:55		SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, moist, dark brown, non plastic	
				SILT WITH GRAVEL, dry to moist, green gray, low plasticity	2.4
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B879

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753730.1855 ft **EASTING** 762612.7235 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B879-SUB-0-2 @ 10:45		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, dry to moist, brown, non plastic	11.6
				Becomes some staining at 24"	
2.5		SSHS-B879-SUB-2-4 @ 10:50		SILTY SAND, with black shiny material (ash), dry to moist, dark brown, and yellow and red brick	2.1
5.0		SSHS-B879-SUB-4-6 @ 10:55		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, brown gray	4.1
				SANDY SILT WITH GRAVEL, black shiny material (ash), dark brown, and brick present, silt appears stained	
				No recovery	
				Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, brown gray	
		SSHS-B879-SUB-6-8 @ 11:00		Becomes moist	3.4
7.5				No recovery	
				SILTY SAND WITH GRAVEL, fine gravel, dry to moist, dark brown, and yellow brick present	
		SSHS-B879-SUB-8-10 @ 11:05		SANDY SILT WITH GRAVEL, and black shiny material (ash), dark brown, soil appears stained	2.4
				No recovery	

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BORING B879

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B879-SUB-10-12 @ 11:10		Loose, SILTY SAND, fine to coarse gravel, moist, dark brown	
				Very stiff, SILT, moist, gray, low plasticity	2.6
				No recovery	
12.5		SSHS-B879-SUB-12-14 @ 11:15		SILTY GRAVEL WITH SAND, coarse gravel, with silt, and fine to coarse sand, moist, brown	1.1
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B880

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753646.0714 ft **EASTING** 762702.451 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, dark brown, non plastic, with grass roots	
		SSHS-B880-SUB-0-2		Loose, WELL GRADED SAND, fine to coarse sand, dry to moist, dark brown	3.3
				Medium dense, SILTY SAND, with black shiny material (ash), moist, dark brown to black	
2.5		SSHS-B880-SUB-2-4		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, with black shiny material (ash), moist, dark black black, with brick	5
				No recovery	
5.0		SSHS-B880-SUB-4-6		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, with black shiny material (ash), dry to moist, dark black black, and brick (black shiny material increases with depth)	1.6
				SANDY LEAN CLAY WITH GRAVEL, dry to moist, orange, low plasticity	
				Black shiny material (ash), (FILL)	
		SSHS-B880-SUB-6-8		SANDY LEAN CLAY WITH GRAVEL, fine gravel, moist, orange, low plasticity	3.5
7.5				No recovery	
		SSHS-B880-SUB-8-10		Dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry to moist, orange tan	2.8
				Dense, WELL GRADED SAND, fine to coarse grained, dry to moist, orange tan	

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BORING B880

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B880-SUB-10-12		Dense, POORLY GRADED SAND, fine grained, moist, orange	3.3
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse sand, moist, orange	
				No recovery	
12.5				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, wet, orange brown	
		SSHS-B880-SUB-12-14			3.4
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B880 (possible re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 1/22/18 **COMPLETED** 1/22/18 **NORTHING** 753646.0714 ft **EASTING** 762702.451 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** J. Thompson

NOTES

DEPTH (ft)	MATERIAL DESCRIPTION	
	SILT, moist, dark brown, non plastic, grass roots present	0.0
	Loose, WELL GRADED SAND, fine to coarse grained, dry to moist, dark brown	
2.5		2.5
	Bottom of borehole at 4.0 feet.	
5.0		
7.5		

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BORING B881

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753621.2552 ft **EASTING** 762647.6512 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B881-SUB-0-2		SILT, moist, dark brown, low plasticity, roots present	
				Stiff, SILT, moist, dark brown, low plasticity, roots present	2.8
				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, moist, dark brown	
				No recovery	
2.5		SSHS-B881-SUB-2-4		Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, dark brown to black, non plastic, some brick and black shiny material present	3.2
				No recovery	
		SSHS-B881-SUB-4-6		Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, dark brown to black, non plastic, some brick and black shiny material present	
				Loose, SILTY SAND WITH GRAVEL, dry, light tan, non plastic	
5.0				SILTY SAND WITH GRAVEL, and black shiny material (ash), dry to moist, orange brown	2.1
				Loose, black shiny material (ash), dry	
				Loose, SILTY SAND, dry to moist, tan	
				Black shiny material (ash), (FILL)	
				Medium dense, SILTY SAND, moist, gray orange	
		SSHS-B881-SUB-6-8		No recovery	4.1
7.5				Loose, WELL GRADED SAND WITH SILT, with black shiny material (ash), dry to moist, dark brown with black	
		SSHS-B881-SUB-8-10		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, fine sand, orange brown, non plastic	4.2
				No recovery	

Bottom of borehole at 10.0 feet.

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BORING B882

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753774.8179 ft **EASTING** 762744.5277 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B882-SUB-0-2 @ 9:30		Medium dense, WELL GRADED SAND WITH SILT, dry to moist, orange tan	0.9
				WELL GRADED SAND, and black shiny material (ash), moist, dark brown, brick and slag also in abundance	
2.5				Becomes loose, dry	
		SSHS-B882-SUB-2-4 @ 9:35		Loose, SILTY GRAVEL WITH SAND, coarse gravel, dry, dark gray, non plastic	4.1
				No recovery	
				Loose, SILTY GRAVEL WITH SAND, coarse gravel, dry, tan	
				Becomes with black shiny material (ash), and brick	
5.0		SSHS-B882-SUB-4-6 @ 9:40		Moist, dark red brown, well graded sand composed of slag with some glass	3.5
				No recovery	
				Medium dense, WELL GRADED SAND WITH SILT, with black shiny material (ash), dry to moist, dark brown to gray, and slag and brick present	
		SSHS-B882-SUB-6-8 @ 9:45			4.1
7.5				SILT, moist, dark brown, non plastic	
				No recovery	
				Loose, SILTY SAND WITH GRAVEL, dry, dark brown, crushed brick in fine grain matrix	
				Stiff, SILT, moist, green gray, low plasticity	
		SSHS-B882-SUB-8-10 @ 9:50			5.5

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BORING B882

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B882-SUB-10-12 @ 9:55		Loose, WELL GRADED SAND WITH SILT, and black shiny material (ash), dry, dark brown, and brick present	12.8
				No recovery	
12.5		SSHS-B882-SUB-12-14 @ 10:00		WELL GRADED GRAVEL WITH SILT, fine to coarse gravel, with fine to coarse sand, moist, green gray, low plasticity	65.1
				Loose, SILTY SAND WITH GRAVEL, coarse gravel, dry to moist, dark brown, some brick present	
				Soft, SILTY GRAVEL WITH SAND, dark gray brown, low plasticity	
15.0				Bottom of borehole at 14.0 feet.	
17.5					
20.0					

10.0

12.5

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BORING B883

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753787.9773 ft **EASTING** 762646.3454 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B883-SUB-0-2 @ 10:45		Loose, WELL GRADED SAND, fine to coarse grained, moist, brown	0.6
				Medium dense, SILTY SAND, moist, dark brown, low plasticity	
2.5		SSHS-B883-SUB-2-4 @ 10:50		Medium soft, SANDY SILT WITH GRAVEL, fine gravel, dry to moist, gray brown, some brick and black shiny material in matrix	3.4
5.0		SSHS-B883-SUB-4-6 @ 10:55		Loose, WELL GRADED SAND WITH GRAVEL, dry to moist, light tan	0.9
				No recovery	
		SSHS-B883-SUB-6-8 @ 11:00		Loose, WELL GRADED SAND WITH GRAVEL, dry to moist, light tan	
				Loose, WELL GRADED SAND WITH SILT, fine to coarse grained, dry to moist, light gray tan	1.6
7.5				Medium dense, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown, low plasticity	
				No recovery	
		SSHS-B883-SUB-8-10 @ 11:05		Loose, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown, low plasticity	
				SILTY SAND, fine sand, with silt, few gravel, moist, black, non plastic, soil appears stained with some black shiny material	1

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BORING B883

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B883-SUB-10-12 @ 11:10		Loose, SILTY SAND, moist, dark brown, low plasticity	
				Loose, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown, low plasticity	1.6
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B884

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753861.1465 ft **EASTING** 762647.3592 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B884-SUB-0-2 @ 13:00		Loose, WELL GRADED SAND WITH SILT, fine gravel, dry to moist, tan brown	3.8
				SILTY SAND, fine to coarse sand, with silt, and black shiny material (ash), moist, dark brown, crushed brick is present	
				No recovery	
2.5		SSHS-B884-SUB-2-4 @ 13:05		Dense, WELL GRADED SAND WITH GRAVEL, fine to coarse sand, with fine to coarse gravel, dry to moist, brown	3.9
				Red brick	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, gray brown	
5.0		SSHS-B884-SUB-4-6 @ 13:10		SILTY GRAVEL WITH SAND, coarse gravel, with silt, and fine sand, moist, yellow, non plastic	10.8
				Becomes No recovery	
		SSHS-B884-SUB-6-8 @ 13:15		Loose, moist, dark brown with black, sand size soil is composed entirely of slag, coal, and black shiny material	9.6
7.5				Stiff, SILT, moist, brown gray, low plasticity	
				Bottom of borehole at 8.0 feet.	

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BORING B885

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/17/18 **COMPLETED** 1/17/18
NORTHING 753703.1579 ft **EASTING** 762731.3321 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B885-SUB-0-2		Medium dense, WELL GRADED SAND WITH GRAVEL, dry to moist, tan	0.5
				SILTY SAND WITH GRAVEL, and black shiny material (ash), moist, dark gray brown	
				No recovery	
				SILTY SAND, dark gray brown, low plasticity	
2.5				SILTY SAND, moist, dark brown, non plastic, with brick and concrete	2.5
		SSHS-B885-SUB-2-4			0.4
				SILTY SAND WITH GRAVEL, black shiny material (ash), dark brown, low plasticity	
5.0		SSHS-B885-SUB-4-6			1.7
				Medium dense, SILTY SAND, with black shiny material (ash), moist, orange tan, black staining	
		SSHS-B885-SUB-6-8		Black shiny material (ash), (FILL)	0.6
7.5				Stiff, SILT, moist, light tan orange, non plastic	
		SSHS-B885-SUB-8-10			0.4
				Medium dense, SILTY SAND WITH GRAVEL, some fine gravel, moist, orange	

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BORING B885

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B885-SUB-10-12			0.3
				No recovery	
				Stiff, LEAN CLAY, medium to coarse sand, with black shiny material (ash), moist, dark brown and orange	
12.5				Stiff, SANDY SILT WITH GRAVEL, fine to coarse gravel, moist, dark brown with orange	
		SSHS-B885-SUB-12-14			0.4
				No recovery	
				Bottom of borehole at 4.0 feet.	
15.0					
17.5					
20.0					

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BORING B886

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753676.4618 ft **EASTING** 762649.2719 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B886-SUB-0-2 @ 9:20		Medium dense, WELL GRADED SAND WITH SILT, moist, brown	1.3
				Medium dense, SANDY SILT WITH GRAVEL, fine gravel, with black shiny material (ash), dry to moist, dark brown, non plastic, and brick	
2.5		SSHS-B886-SUB-2-4 @ 9:25		Medium dense, SANDY SILT WITH GRAVEL, fine to coarse gravel, and black shiny material (ash), dry to moist, dark brown to black, with red and yellow brick	0.8
5.0		SSHS-B886-SUB-4-6 @ 9:30		Loose, WELL GRADED SAND WITH GRAVEL, coarse gravel, dry to moist, brown	0.3
		SSHS-B886-SUB-6-8 @ 9:35		Loose, SILTY SAND WITH GRAVEL, fine to medium sand, with silt, and coarse gravel, dry to moist, dark brown	0.9
7.5				No recovery	
		SSHS-B886-SUB-8-10 @ 9:40		Loose, SILTY GRAVEL WITH SAND, coarse gravel, dry to moist, orange brown, non plastic	0.4
				No recovery	

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BORING B886

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose, SILTY SAND, fine to coarse sand, dry to moist, brown, non plastic, with red brick	
		SSHS-B886-SUB-10-12 @ 9:45		Loose, SILTY GRAVEL WITH SAND, coarse gravel, dry to moist, orange brown	0.9
				No recovery	
12.5				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse sand, dry to moist, dark brown, non plastic	
		SSHS-B886-SUB-12-14 @ 9:50		Medium dense, SILTY GRAVEL WITH SAND, coarse sand, moist, orange, low plasticity	0.7
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B886 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753676.4618 ft **EASTING** 762649.2719 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
2.5					
5.0				SILTY SAND, and black shiny material (ash), dry, dark black, non plastic	
7.5		SSHS-B886-SUB-6-8		Stiff, LEAN CLAY WITH GRAVEL, with black shiny material (ash), moist, tan orange, low plasticity, black shiny material is interbedded	0.7

Bottom of borehole at 8.0 feet.

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BORING B887

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753694.9821 ft **EASTING** 762697.6806 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND, moist, light brown	
		SSHS-B887-SUB-0-2 @ 15:00		Loose, SILTY SAND WITH GRAVEL, moist to wet, dark brown	2.7
2.5				Dense, SILTY SAND, medium to coarse sand, dry, dark brown	
		SSHS-B887-SUB-2-4 @ 15:05		Dense, SILTY GRAVEL, dry to moist, gray tan, non plastic	3.2
				No recovery	
				Stiff, SILT WITH GRAVEL, black shiny material (ash), orange brown, and brick present	
5.0		SSHS-B887-SUB-4-6 @ 15:10		SILT WITH GRAVEL, and black shiny material (ash), moist, green gray	8.3
				No recovery	
				Dense, SILTY SAND, black shiny material (ash), moist, dark brown to black, (abundant black shiny material)	
		SSHS-B887-SUB-6-8 @ 15:15		Stiff, LEAN CLAY, with black shiny material (ash), moist, yellow brown	3.9
7.5				No recovery	
		SSHS-B887-SUB-8-10 @ 15:20		Dense, SILTY GRAVEL, coarse gravel, moist, yellow orange, low plasticity	1.5
				No recovery	

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BORING B887

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B887-SUB-10-12 @ 15:25		Becomes orange tan, increasing amount of sand (fine to coarse)	1.3
				No recovery	
12.5		SSHS-B887-SUB-12-14 @ 15:30		Medium dense, WELL GRADED SAND WITH SILT, moist, dark brown	
				SILTY GRAVEL WITH SAND, fine to coarse gravel, with fine to coarse sand, moist, orange brown	1.1
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B887 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753694.9821 ft **EASTING** 762697.6806 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5					
5.0					
7.5		SSHS-B887-SUB-8-10		Loose, WELL GRADED SAND, and black shiny material (ash), dry to moist, dark brown to black, slag fragments in matrix	
				Stiff, SILT, moist, dark brown to yellow, low plasticity	0.8
				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, dry to moist, yellow and tan	

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BORING B887 (re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				SANDY SILT WITH GRAVEL, moist to wet, dark brown, low plasticity	
		SSHS-B887-SUB-10-12		Dense, WELL GRADED GRAVEL WITH SILT AND SAND, dry to moist, yellow and tan	0.3
12.5		SSHS-B887-SUB-12-14			1.2
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B888

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753659.536 ft **EASTING** 762733.1071 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, dark brown, with grass and roots	
				WELL GRADED GRAVEL WITH SAND, moist, dark brown	
		SSHS-B888-SUB-0-2 @ 13:50		WELL GRADED SAND WITH GRAVEL, moist, tan	2.1
				WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, and black shiny material (ash), moist, dark brown, red brick present	
2.5				Medium dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, moist, dark brown, Note: 2 borings collected at the 2-4' ft bgs interval (for additional sample material)	2.5
		SSHS-B888-SUB-2-4 @ 13:55		WELL GRADED SAND WITH GRAVEL, dry to moist, gray brown	1.1
				No recovery	
		SSHS-B888-SUB-4-6 @ 14:00		Medium dense, black shiny material (ash), dry to moist, black, (FILL)	0.7
5.0				No recovery	5.0
				Same as above	
		SSHS-B888-SUB-6-8 @ 14:05		Soft, SANDY SILT, SILT, and sand, with fine gravel, dry to moist, orange, non plastic	0.6
7.5				No recovery	7.5
				Black shiny material (ash), Same as Above	
		SSHS-B888-SUB-8-10 @ 14:10		WELL GRADED GRAVEL WITH SAND, fine to medium sand, dry to moist, orange	0.6

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BORING B888

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B888-SUB-10-12 @ 14:15		Black shiny material (ash), Same as above, black shiny material present at 128-130"	0.7
				Medium dense, CLAYEY GRAVEL WITH SAND, fine to coarse gravel, with clay, and fine to coarse sand, wet, orange	
12.5		SSHS-B888-SUB-12-14 @ 14:20		No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					3
20.0					

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BORING B889

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753766.5896 ft **EASTING** 762586.0634 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Dense, WELL GRADED SAND WITH SILT, fine to coarse sand, dry to moist, brown	
		SSHS-B889-SUB-0-2 @ 2.4		Dense, SILTY SAND, fine to coarse sand, few gravel, dry to moist, dark brown	2.4
2.5				Loose, WELL GRADED GRAVEL WITH SILT, wet, dark brown	
		SSHS-B889-SUB-2-4 @ 7.5			7.5
				No recovery	
				Loose, WELL GRADED GRAVEL WITH SILT, wet, dark brown	
5.0		SSHS-B889-SUB-4-6 @ 23.8		Loose, WELL GRADED SAND WITH GRAVEL, and black shiny material (ash), dry, dark gray	23.8
				Stiff, GRAVELLY SILT, moist, dark brown, non plastic	
				Very loose, SILTY GRAVEL WITH SAND, wet, dark brown	
7.5		SSHS-B889-SUB-6-8 @ 11.4			11.4
				Stiff, GRAVELLY SILT, moist, dark brown	
		SSHS-B889-SUB-8-10 @ 15.4		Very loose, SILTY GRAVEL WITH SAND, wet, dark brown	15.4
				Medium dense, WELL GRADED SAND, and black shiny material (ash), dry to moist, dark brown,	

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BORING B889

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				slag and yellow/red brick	
		SSHS-B889-SUB-10-12 @ 14.0		Loose, SILTY GRAVEL, wet, dark brown, with brick	14
12.5		SSHS-B889-SUB-12-14 @ 8.4		No recovery	8.4
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B890

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753739.526 ft **EASTING** 762582.7366 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B890-SUB-0-2 @ 8:40		Loose, WELL GRADED SAND WITH GRAVEL, fine to coarse sand, with fine gravel, moist, brown	1.6
				No recovery	
2.5		SSHS-B890-SUB-2-4 @ 8:45		Medium dense, SILTY GRAVEL WITH SAND, medium to coarse gravel, with silt, and fine to coarse sand, moist, dark brown, non plastic, Roots and wood present	24.1
				No recovery	
				Medium dense, SILTY GRAVEL WITH SAND, medium to coarse gravel, with silt, and fine to coarse sand, moist, dark brown, non plastic, Roots and wood present	
5.0		SSHS-B890-SUB-4-6 @ 8:50		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, moist, brown, non plastic	3.3
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse grained, moist, dark brown, non plastic, slight hydrocarbon odor	
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse grained, moist, dark brown, non plastic, slight hydrocarbon odor	
		SSHS-B890-SUB-6-8 @ 8:55		Stiff, SILT WITH SAND, moist, dark brown, non plastic	8.7
7.5				WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with silt, and fine to coarse sand, moist, dark brown	
				No recovery Note: Hit refusal at 8 ft	

Bottom of borehole at 8.0 feet.

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BORING B890 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/17 **COMPLETED** 1/23/17
NORTHING 753739.526 ft **EASTING** 762582.7366 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5					
5.0					
7.5		SSHS-B890-SUB-8-10		Dense, SILTY GRAVEL, dry to moist, dark gray brown Sandy gray foreign material with black siny black material and red brick	3.4

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BORING B890 (re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B890-SUB-10-12		Crushed concrete	
				Dense, SILTY SAND, moist, dark brown, red brick present	
				Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse sand	3.6
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B891

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753721.4584 ft **EASTING** 762620.2366 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B891-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, with black shiny material (ash), moist to wet, brown	1.7
				SANDY SILT WITH GRAVEL, with black shiny material (ash), dark brown, non plastic, and red brick, soil appears stained	
2.5		SSHS-B891-SUB-2-4		SANDY SILT WITH GRAVEL, coarse gravel, with black shiny material (ash), dry to moist, dark brown, non plastic, and crushed red brick	2.5
				Crushed concrete	
		SSHS-B891-SUB-4-6		SANDY SILT WITH GRAVEL, SILT, with sand, and fine to coarse gravel, and black shiny material (ash), dry to moist, dark brown to black, and red and yellow brick	1.8
5.0					
		SSHS-B891-SUB-6-8		SANDY SILT WITH GRAVEL, SILT, with fine sand, and coarse gravel, and black shiny material (ash), dark brown with orange, increasing amount of black shiny material	1.8
7.5				No recovery	
				Yellow brick	
		SSHS-B891-SUB-8-10		SILTY SAND, with black shiny material (ash), dark brown, and red brick	1.5
				No recovery	

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BORING B891

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B891-SUB-10-12		Loose, SILTY GRAVEL WITH SAND, fine to coarse gravel, and fine to coarse sand, with silt, moist to wet, dark gray brown, low plasticity, and yellow brick	1.4
				No recovery	
12.5		SSHS-B891-SUB-12-14		Becomes loose, wet, brown	1.8
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B892

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/16/18 **COMPLETED** 1/16/18
NORTHING 753711.3075 ft **EASTING** 762667.9399 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B892-SUB-0-2 @ 8:30		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to medium gravel, dry to moist, tan brown	0.4
				Stiff, SANDY SILT WITH GRAVEL, fine to coarse gravel, dry to moist, dark brown	
				Becomes with black shiny material (ash), brick and concrete present	
2.5		SSHS-B892-SUB-2-4 @ 8:35			0.6
5.0		SSHS-B892-SUB-4-6 @ 8:40		Medium dense, black shiny material (ash), dry, dark brown to black	1.2
				Medium dense, SILT, dry, yellow brown, non plastic	
				Becomes with black shiny material (ash)	
		SSHS-B892-SUB-6-8 @ 8:45			0.7
7.5				SANDY SILT WITH GRAVEL, with black shiny material (ash), dark yellow brown	
				Medium dense, WELL GRADED SAND, with black shiny material (ash), dark yellow brown, low plasticity	
		SSHS-B892-SUB-8-10 @ 8:50			0.8
				SILT, moist, yellow tan, low plasticity	

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BORING B892

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B892-SUB-10-12 @ 8:55		SANDY SILT WITH GRAVEL, dry to moist, yellow tan, non plastic	0.7
				Becomes low plasticity	
12.5		SSHS-B892-SUB-12-14 @ 9:00		Loose, SILTY GRAVEL, fine to coarse gravel, moist, yellow brown	0.3
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B893

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753712.5871 ft **EASTING** 762642.5594 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B893-SUB-0-2 @ 10:00		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, with black shiny material (ash), dry to moist, brown, and brick	1.3
				Medium dense, SANDY SILT, with black shiny material (ash), moist, dark brown, and red brick, soil appears stained	
2.5		SSHS-B893-SUB-2-4 @ 10:05		Stiff, SANDY SILT WITH GRAVEL, with black shiny material (ash), dry to moist, dark brown, and brick	0.7
5.0		SSHS-B893-SUB-4-6 @ 10:10		Black shiny material (ash), black, crushed black material (interpeted to be coal) the size of sand sand silt	0.7
		SSHS-B893-SUB-6-8 @ 10:15		Medium dense, SILTY GRAVEL WITH SAND, coarse gravel, dry to moist, orange tan, non plastic	1.1
7.5		SSHS-B893-SUB-8-10 @ 10:20		SILT WITH SAND, with black shiny material (ash), dry to moist, dark brown to brown, non plastic	0.6

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BORING B893

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B893-SUB-10-12 @ 10:25		WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, brown, non plastic	1.3
				No recovery	
12.5		SSHS-B893-SUB-12-14 @ 10:30		SILT, few gravel, black and brown, non plastic	1.1
				Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, brown	
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B894

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753810.8119 ft **EASTING** 762704.9936 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry, brown, (TOPSOIL) roots present	
		SSHS-B894-SUB-0-2 @ 10:15		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, few coarse gravel, dry, light tan to brown	3.2
				Becomes dense	
				Dense, SILTY SAND WITH GRAVEL, and black shiny material (ash), dark brown, non plastic, Red brick fragments present and soil appears to be locally stained	
2.5		SSHS-B894-SUB-2-4 @ 10:20		Medium dense, SILTY SAND, fine to coarse sand, with silt, and black shiny material (ash), dry, dark brown, Red brick fragments present	2.4
				No recovery	
				Medium dense, WELL GRADED SAND WITH SILT, fine gravel, dry, brown, non plastic	
5.0		SSHS-B894-SUB-4-6 @ 10:25		Medium dense, WELL GRADED SAND WITH SILT, fine to coarse gravel, dry, dark brown to brown, non plastic, hydrocarbon odor present	0.8
		SSHS-B894-SUB-6-8 @ 10:30		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, dark brown to black, Soil appears stained and has an hydro carbon smell	2
7.5				No Recovery	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, dry to moist, dark brown to tan, low plasticity	
		SSHS-B894-SUB-8-10 @ 10:35		CLAYEY GRAVEL WITH SAND, fine to coarse gravel, dry to moist, dark brown, low plasticity, Soil has a hydrocarbon odor.	3.3
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B895

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753936.5958 ft **EASTING** 762716.2731 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B895-SUB-0-2		Medium dense, SANDY SILT WITH GRAVEL, coarse sand, with silt, and coarse gravel, dry to moist, light tan, non plastic	1.7
2.5				Medium dense, black shiny material (ash), dry, dark brown, matrix is foriegn material	
		SSHS-B895-SUB-2-4		SILTY SAND WITH GRAVEL	0.7
5.0		SSHS-B895-SUB-4-6		WELL GRADED GRAVEL WITH SAND, black shiny material (ash), dark brown, Yellow brick fragments Becomes Slag present	0.9
		SSHS-B895-SUB-6-8			0.7
7.5				Bottom of borehole at 8.0 feet.	

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BORING B896

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753785.0082 ft **EASTING** 762773.8025 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B896-SUB-0-2 @ 9:10		Medium dense, WELL GRADED SAND, fine to coarse grained, moist, brown	2.8
				Medium dense, WELL GRADED SAND WITH SILT, fine to coarse sand, moist, dark brown, non plastic	
				No recovery	
2.5		SSHS-B896-SUB-2-4 @ 9:15		POORLY GRADED SAND WITH GRAVEL, dry to moist, brown, medium gravel with some brick	6.5
				Loose, WELL GRADED SAND, dry to moist, dark brown, brick present	
				Becomes No recovery	
5.0		SSHS-B896-SUB-4-6 @ 9:20		Medium dense, WELL GRADED GRAVEL WITH SAND, coarse gravel, with fine to coarse sand, dry to moist, gray tan	6
				No recovery	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B897

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753636.1666 ft **EASTING** 762629.2949 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B897-SUB-0-2		Medium dense, WELL GRADED SAND WITH CLAY AND GRAVEL, fine gravel, dry to moist, tan to brown	4.6
2.5		SSHS-B897-SUB-2-4		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, tan to brown	4.5
				Black shiny material (ash), dark gray	
				Medium dense, SILTY SAND WITH GRAVEL, some black shiny material (ash), dry, dark gray to black	
5.0		SSHS-B897-SUB-4-6		Medium dense, SILTY GRAVEL WITH SAND, coarse gravel, dry, light tan	0.5
				Dense, SANDY SILT WITH GRAVEL, fine gravel, little black shiny material (ash), dry to moist, yellow tan	
				Becomes some black shiny material (ash)	
				Becomes no black shiny material	
		SSHS-B897-SUB-6-8		Loose, SILT WITH SAND, fine to coarse sand, dry, gray to brown	1.3
7.5				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, moist, tan to brown, Note: excess material in 6-8 boring, indicative of 8-10' bgs interval, appears stained and contains black shiny material and wood	
				Bottom of borehole at 8.0 feet.	

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BORING B898

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753752.1473 ft **EASTING** 762560.6501 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B898-SUB-0-2 @ 10:15		Medium dense, WELL GRADED SAND WITH SILT, dry to moist, brown, brick present	13.5
				SANDY SILT, with fine to coarse sand, moist, dark brown	
2.5				Soft, SANDY SILT WITH GRAVEL, with coarse gravel, dry, light brown	
		SSHS-B898-SUB-2-4 @ 10:20		Dense, SILTY GRAVEL, with coarse gravel, dry to moist, dark brown, non plastic	10
				No recovery	
				Loose, GRAVELLY SILT WITH SAND, dry to moist, light gray brown, non plastic	
5.0		SSHS-B898-SUB-4-6 @ 10:25		SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), dark gray to black, non plastic, hydrocarbon odor	11.9
				Dense, SILTY GRAVEL, with coarse gravel, dry to moist, dark brown, hydrocarbon odor	
				With black shiny material (ash)	
		SSHS-B898-SUB-6-8 @ 10:30		No recovery	39.5
7.5					

Bottom of borehole at 8.0 feet.

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BORING B899

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/8/18 **COMPLETED** 1/8/18
NORTHING 753936.5958 ft **EASTING** 762716.2731 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, dry to moist, dark brown, non plastic, TOPSOIL (roots present)	
		SSHS-B899-SUB-0-2 @ 14:15			0.6
				Dense, SANDY SILT, dry to moist, orange brown, non plastic Becomes some gravel	
2.5		SSHS-B899-SUB-2-4 @ 14:20		Loose, WELL GRADED SAND WITH GRAVEL, fine to coarse sand, with medium to coarse gravel, orange brown	0.4
				No recovery	
		SSHS-B899-SUB-4-6 @ 14:25		Medium dense, SANDY SILT WITH GRAVEL, fine to coarse sand, with coarse gravel, dry, orange brown Interpreted as fall back	0.4
5.0				No recovery	
		SSHS-B899-SUB-6-8 @ 14:35		Loose, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry, brown, Gravel increases with depth	1
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B900

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/18
NORTHING 753829.9884 ft **EASTING** 762760.5447 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, dark brown, non plastic, silt with roots (soil is frozen)	
		SSHS-B900-SUB-0-2 @ 11:15		Medium dense, WELL GRADED SAND, with black shiny material (ash), dry to moist, dark brown to black	0.3
				No recovery	
2.5				Loose, WELL GRADED SAND, with black shiny material (ash), moist, dark brown	
		SSHS-B900-SUB-2-4 @ 11:20		Medium dense, SILTY GRAVEL WITH SAND, fine to coarse sand, with silt, and coarse gravel, moist, dark brown	0.5
				No recovery	
5.0		SSHS-B900-SUB-4-6 @ 11:25		Loose, WELL GRADED SAND WITH GRAVEL, coarse gravel, moist, dark brown	0.4
				No recovery	
		SSHS-B900-SUB-6-8 @ 11:30		Very stiff, SANDY LEAN CLAY WITH GRAVEL, moist, dark brown, medium plasticity	0.3
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B901

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753800.0902 ft **EASTING** 762779.8885 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT WITH GRAVEL, SILT, with gravel, and roots, dry to moist, brown, non plastic, (TOPSOIL)	
		SSHS-B901-SUB-0-2 @ 8:10		Loose, WELL GRADED SAND WITH SILT, dry, dark brown, non plastic, some brick present	1.9
2.5		SSHS-B901-SUB-2-4 @ 8:15		SILTY SAND WITH GRAVEL, coarse gravel, and black shiny material (ash), moist, light brown to brown	2.4
				No recovery	
		SSHS-B901-SUB-4-6 @ 8:20		Medium dense, WELL GRADED SAND WITH SILT, coarse gravel, dry to moist, dark brown, non plastic	2.5
5.0				No recovery	
				Loose, WELL GRADED SAND WITH SILT, coarse gravel, dry to moist, dark brown, non plastic	
		SSHS-B901-SUB-6-8 @ 8:25		Stiff, GRAVELLY SILT WITH SAND, with fine to coarse sand, and coarse gravel, moist, dark gray brown Becomes black shiny material (ash)	0.5
7.5				Bottom of borehole at 8.0 feet.	

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BORING B902

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, tan to brown, non plastic, (TOPSOIL) roots	
		SSHS-B902-SUB-0-2 @ 8:15		SANDY SILT, with sand, and black shiny material (ash), few gravel, dark brown with orange, Soil appears to be stained and contains brick	9.2
2.5		SSHS-B902-SUB-2-4 @ 8:20		Loose, SILTY SAND, dry, dark brown, sand is primarly fine with few coarse	1.9
				No Recovery	
				Becomes crushed brick present	
5.0		SSHS-B902-SUB-4-6 @ 8:25		Medium dense, SILTY GRAVEL WITH SAND, fine gravel, with silt, and fine to medium sand, moist, dark brown to brown	1.4
				No recovery	
		SSHS-B902-SUB-6-8 @ 8:30		Stiff, GRAVELLY LEAN CLAY WITH SAND, with fine to coarse gravel, few black shiny material (ash), moist, orange to brown, medium plasticity, brick present	1
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B903

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED _____ **COMPLETED** _____
NORTHING 753739.9459 ft **EASTING** 762812.3261 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, moist, light brown, low plasticity, roots present	
		SSHS-B903-SUB-0-2 @ 8:15		Medium dense, SILTY SAND WITH GRAVEL, coarse gravel, dark brown gray, non plastic, brick present	0.9
				No recovery	
				Red brick	
2.5				Becomes medium dense, fine to coarse sand, fine to coarse grained, dry to moist, dark brown, slag	
		SSHS-B903-SUB-2-4 @ 8:20		Becomes black shiny material (ash)	1.3
				No recovery	
				LEAN CLAY WITH SAND, moist, brown, medium plasticity	
				Loose, WELL GRADED SAND, dry to moist, dark gray, possible slag present	
				Dense, SILTY SAND WITH GRAVEL, fine gravel, moist, brown, low plasticity, some roots present	
5.0		SSHS-B903-SUB-4-6 @ 8:25		No recovery	2.6
				Medium dense, WELL GRADED SAND WITH SILT, moist, dark brown, roots present	
				Dense, WELL GRADED SAND WITH GRAVEL, moist, gray tan	
		SSHS-B903-SUB-6-8 @ 8:30		No recovery	2.5
7.5					

Bottom of borehole at 8.0 feet.

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BORING B904

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753787.2457 ft **EASTING** 762567.6153 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B904-SUB-0-2		SILTY GRAVEL WITH SAND, fine to coarse sand, with silt, and fine gravel, dry, tan to brown, non plastic	1.3
2.5		SSHS-B904-SUB-2-4		WELL GRADED GRAVEL, dry	0.8
				No recovery	
5.0		SSHS-B904-SUB-4-6		WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark brown, non plastic, Soil appears stained with some brick fragments	2.9
		SSHS-B904-SUB-6-8		Stiff, GRAVELLY LEAN CLAY, clay, with coarse gravel, moist, dark brown to black, low plasticity	1.9
7.5				No recovery	
		SSHS-B904-SUB-8-10		Stiff, GRAVELLY LEAN CLAY, clay, with coarse gravel, moist, dark brown to black, low plasticity	5.2
				No recovery	

Bottom of borehole at 10.0 feet.

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BORING B905

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/17/18 **COMPLETED** 1/17/18
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B905-SUB-0-2 @ 9:30		Medium dense, SILTY GRAVEL WITH SAND, moist, brown	1.4
				Medium dense, SILTY SAND, fine gravel, dark brown	
				No recovery	
2.5		SSHS-B905-SUB-2-4 @ 9:35		SILTY SAND WITH GRAVEL, fine gravel, dry to moist, dark brown, low plasticity, soil appears stained with concrete and brick	1.7
				No recovery	
				SANDY SILT WITH GRAVEL, moist, dark brown, low plasticity	
				Black shiny material (ash)	
5.0		SSHS-B905-SUB-4-6 @ 9:40		Medium dense, SILTY SAND, few gravel, moist, yellow brown	0.3
				No recovery	
				Becomes medium dense, few gravel, moist, yellow brown	
		SSHS-B905-SUB-6-8 @ 9:45		Dense, SILTY SAND WITH GRAVEL, coarse gravel, and black shiny material (ash), dry to moist, dark brown, wood, brick, and staining present	0.7
7.5					
		SSHS-B905-SUB-8-10 @ 9:50		Stiff, SANDY SILT WITH GRAVEL, medium to coarse sand, and black shiny material (ash), moist, yellow brown, brick present	0.4
				No recovery	

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BORING B905

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B905-SUB-10-12 @ 9:55		Dense, SILTY SAND WITH GRAVEL, coarse gravel, and black shiny material (ash), dry to moist, dark brown, wood, brick, and staining present	
				Medium dense, SILTY SAND WITH GRAVEL, moist, yellow brown	0.6
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B906

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753754.4964 ft **EASTING** 762598.1828 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B906-SUB-0-2 @ 9:45		Medium dense, WELL GRADED GRAVEL WITH SILT, fine gravel, moist, brown tan, with brick and some asphalt	0.2
				SILTY SAND WITH GRAVEL, coarse gravel, moist, dark brown, non plastic, red brick	
2.5		SSHS-B906-SUB-2-4 @ 9:50		Dense, SILTY SAND WITH GRAVEL, fine to coarse grained, dark brown, non plastic, appears locally stained with crushed bred brick	2.1
5.0		SSHS-B906-SUB-4-6 @ 9:55		WELL GRADED GRAVEL WITH SILT AND SAND, dry to moist, brown, non plastic	2
				No recovery	
				Becomes medium dense, and black shiny material (ash), moist, brown	
		SSHS-B906-SUB-6-8 @ 10:00		No recovery Note: Hit refusal at 7 1/2 ft bgs	1.4
7.5					

Bottom of borehole at 8.0 feet.

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BORING B906 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753754.4964 ft **EASTING** 762598.1828 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
2.5				Loose, SILTY SAND, fine to coarse grained, dry to moist, dark brown	
				Loose, WELL GRADED GRAVEL WITH SAND, GRAVEL, with fine to coarse sand, moist, dark brown	4.5
5.0		SSHS-B906-SUB-6-8			
7.5				Loose, WELL GRADED SAND, black shiny material (ash), fine to coarse grained, dry to moist, gray to black, Red Brick present	
				Stiff, SILT WITH GRAVEL, SILT, with fine gravel, moist, dark brown, non plastic, HIT REFUSAL AT APPROXIMATELY 8.5 FT BGS	2.9

Bottom of borehole at 10.0 feet.

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BORING B907

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753717.9742 ft **EASTING** 762761.4239 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B907-SUB-0-2 @ 9:15		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, light tan brown	3.5
2.5		SSHS-B907-SUB-2-4 @ 9:20		WELL GRADED SAND WITH SILT, dry, dark brown to black, silt and sand is composed primarly of black shiny material	1.8
				Loose, WELL GRADED SAND, dry, dark gray, foreign material	
5.0		SSHS-B907-SUB-4-6 @ 9:25		Stiff, SILT WITH SAND, wet, yellow to orange, low plasticity	1.9
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, orange gray	
		SSHS-B907-SUB-6-8 @ 9:30		Stiff, SILT, moist, gray, non plastic	1.8
7.5				Stiff, SILT, moist, orange brown, non plastic	
				WELL GRADED SAND WITH SILT, dry, dark brown to black, silt and sand is composed primarly of black shiny material	
		SSHS-B907-SUB-8-10 @ 9:35		Stiff, SILT, moist, orange brown, non plastic	0.6
				Stiff, GRAVELLY SILT WITH SAND, moist, orange	

Bottom of borehole at 10.0 feet.

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BORING B908

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753669.6967 ft **EASTING** 762785.0328 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, dark brown, non plastic	
		SSHS-B908-SUB-0-2		SANDY SILT WITH GRAVEL, moist, dark brown, non plastic	0.7
				No recovery	
2.5		SSHS-B908-SUB-2-4		Black shiny material (ash), dry, dark black, (fill), material is the size of fine to coarse sand	1.3
				Black shiny material (ash), dark brown, (fill), slag material and black shiny material (coal) apppears crushed and resembles fine grained sand.	
5.0		SSHS-B908-SUB-4-6			1.4
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B909

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753606.7802 ft **EASTING** 762614.5607 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, brown, non plastic, (TOPSOIL)	
		SSHS-B909-SUB-0-2 @ 10:55		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, brown, low plasticity	4.5
				No Recovery	
2.5		SSHS-B909-SUB-2-4 @ 11:00		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, brown, low plasticity	
				Medium dense, WELL GRADED SAND WITH GRAVEL, moist, dark gray black, soil appears stained	4.6
				No Recovery	
4.0				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B910

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753604.0538 ft **EASTING** 762598.6028 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, dark brown, non plastic, grass and roots present	
		SSHS-B910-SUB-0-2 @ 10:30		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, moist, brown	0.8
				No recovery	
2.5				Stiff, GRAVELLY SILT WITH SAND, silt, with fine to coarse gravel, and fine to coarse sand, moist, yellow brown	
		SSHS-B910-SUB-2-4 @ 10:35		Medium stiff, GRAVELLY LEAN CLAY WITH SAND, moist, yellow brown, medium plasticity	0.8
				Becomes No recovery	
5.0		SSHS-B910-SUB-4-6 @ 10:40		WELL GRADED SAND WITH GRAVEL, with black shiny material (ash), moist, dark gray to brown, brick present, soil appears stained	0.4
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B911

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753629.4704 ft **EASTING** 762582.5103 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B911-SUB-0-2 @ 13:50		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, dry to moist, brown	2.6
2.5				SANDY SILT WITH GRAVEL, fine to coarse gravel, moist, gray to brown, low plasticity	
		SSHS-B911-SUB-2-4 @ 13:55		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, brown, non plastic	1.3
5.0		SSHS-B911-SUB-4-6 @ 14:00		Medium stiff, SANDY SILT WITH GRAVEL, coarse gravel, dry to moist, dark gray brown, non plastic	2.2
				SILTY SAND, fine to coarse sand, with silt, and black shiny material (ash), orange brown, non plastic	
		SSHS-B911-SUB-6-8 @ 14:05		SILT, dry to moist, dark gray brown, non plastic, with brick	
7.5				SILT, few black shiny material (ash), orange brown, non plastic, soil appears stained	1.5
				Loose, WELL GRADED SAND WITH GRAVEL, dry to moist, orange brown	
		SSHS-B911-SUB-8-10 @ 14:10		Stiff, SILT WITH GRAVEL, coarse gravel, dry to moist, brown, non plastic	1.4
				Medium dense, WELL GRADED SAND WITH GRAVEL, dry to moist, orange black	

Bottom of borehole at 10.0 feet.

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BORING B912

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753704.0339 ft **EASTING** 762595.837 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B912-SUB-0-2 @ 13:00		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, moist, tan brown	1.2
				No recovery	
2.5				Medium dense, SILT WITH SAND, dry to moist, dark brown, non plastic, yellow brick present	
		SSHS-B912-SUB-2-4 @ 13:05		SILTY SAND WITH GRAVEL, fine gravel, some black shiny material (ash), moist, black, soil appears stained, has a hydrocarbon odor, roots, and wood present	6
				SILTY SAND WITH GRAVEL, fine to coarse gravel, dark brown, low plasticity	
				No recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse sand, wet, dark brown, hydrocarbon odor	
5.0		SSHS-B912-SUB-4-6 @ 13:10		Medium dense, SILTY GRAVEL, fine to coarse grained, dry to moist, brown tan, non plastic	2.2
				No recovery	
		SSHS-B912-SUB-6-8 @ 13:15		Loose, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, wet, dark brown	2.1
7.5				Dense, WELL GRADED SAND, with black shiny material (ash), moist to wet, black, soil appears stained Note: Hit refusal at 8 ft (concrete in shoe)	

Bottom of borehole at 8.0 feet.

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BORING B913

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753695.9926 ft **EASTING** 762560.8174 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B913-SUB-0-2 @ 9:45		WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, moist, brown	3
				Medium dense, POORLY GRADED SAND WITH GRAVEL, fine sand, with fine to coarse gravel, moist, dark brown	
2.5		SSHS-B913-SUB-2-4 @ 9:50		Loose, SILTY GRAVEL WITH SAND, dry to moist, tan brown, brick present @ 2.6 to 3.25 material becomes dark gray	3.5
				No recovery	
		SSHS-B913-SUB-4-6 @ 9:55		Medium dense, SILTY GRAVEL, fine gravel, with silt, and fine to coarse sand, dry to moist, brown, non plastic	5.2
5.0				SILTY GRAVEL, dry to moist, dark brown	
				Stiff, SANDY SILT WITH GRAVEL, dry to moist, black, brick present, soil appears stained	
				Crushed concrete	
		SSHS-B913-SUB-6-8 @ 10:00		Stiff, SANDY SILT WITH GRAVEL, dry to moist, black, black shiny material and wood present	2.2
7.5				No recovery	
				Loose, SILTY SAND, fine to medium sand, dry to moist, dark gray and brown	
		SSHS-B913-SUB-8-10 @ 10:05		No recovery	3.7

Bottom of borehole at 10.0 feet.

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BORING B913 (re-drilled)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/18 **COMPLETED** 1/23/18
NORTHING 753695.9926 ft **EASTING** 762560.8174 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5		SSHS-B913-SUB-2-4		SILTY GRAVEL, dry to moist, gray to brown, some crushed brick	
				SILT WITH GRAVEL, SILT, with coarse gravel, some black shiny material (ash), dark brown to black, some crushed brick	4.6
				No Recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B914

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753852.1209 ft **EASTING** 762627.8087 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, moist, brown, non plastic, roots present (TOPSOIL)	
		SSHS-B914-SUB-0-2 @ 8:15		Loose, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, gray brown	1.1
				No recovery	
2.5		SSHS-B914-SUB-2-4 @ 8:20		Loose, SILTY SAND WITH GRAVEL, fine to coarse gravel, with black shiny material (ash), dry to moist, gray brown, some crushed brick through out	3.2
				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, moist, dark brown, some brick and black and shiny material	
5.0		SSHS-B914-SUB-4-6 @ 8:25			1.5
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B915

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753829.4077 ft **EASTING** 762627.7497 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, SILTY SAND, black shiny material (ash), fine to coarse grained, moist, dark brown to brown, non plastic	
		SSHS-B915-SUB-0-2 @ 13:50		SANDY SILT WITH GRAVEL, fine gravel, moist, gray to tan, low plasticity, and brick	3.6
2.5					
		SSHS-B915-SUB-2-4 @ 13:55		Dense, SILTY GRAVEL WITH SAND, fine gravel, with silt, and fine sand, dry to moist, light brown	3.4
				No recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B916

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/16/18 **COMPLETED** 1/16/18
NORTHING 753771.0285 ft **EASTING** 762599.3508 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B916-SUB-0-2 @ 14:25		Medium dense, WELL GRADED GRAVEL WITH SILT, fine to coarse gravel, and black shiny material (ash), moist, tan brown	0.5
				Medium dense, SILTY GRAVEL WITH SAND, medium to coarse sand, moist, dark brown, low plasticity	
2.5		SSHS-B916-SUB-2-4 @ 14:30		Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, dry, yellow tan	0.6
				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse sand, and black shiny material (ash), moist, dark gray brown, low plasticity, with brick	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B917

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753686.6258 ft **EASTING** 762628.9406 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B917-SUB-0-2 @ 10:30		Medium dense, WELL GRADED SAND WITH SILT, dry to moist, tan brown, non plastic	8.4
2.5				SANDY SILT WITH GRAVEL, with black shiny material (ash), moist, dark brown to black, and brick	
		SSHS-B917-SUB-2-4 @ 10:35			5
				Becomes soil appears stained, contains yellow brick	
5.0		SSHS-B917-SUB-4-6 @ 10:40		SILTY SAND, with black shiny material (ash), dry, dark brown, black shiny material is abundant (interpreted to be coal)	1.5
		SSHS-B917-SUB-6-8 @ 10:45		Stiff, SILT, black and brown, non plastic	0.8
7.5				Medium dense, SANDY SILT, some gravel, with black shiny material (ash), dry, dark brown, and crushed red brick	
		SSHS-B917-SUB-8-10 @ 10:50		Medium stiff, SILT WITH GRAVEL, fine gravel, moist, orange brown	0.2

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BORING B917

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SANDY SILT, with black shiny material (ash), dry to moist, dark brown	
		SSHS-B917-SUB-10-12 @ 10:55		Medium dense, SILTY GRAVEL WITH SAND, dry to moist, yellow tan	1.2
				No recovery	
12.5		SSHS-B917-SUB-12-14 @ 11:00		Medium dense, SILTY GRAVEL WITH SAND, dry to moist, yellow tan, low plasticity	1.6
				No recovery	
				Bottom of borehole at 14.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B918

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753686.826 ft **EASTING** 762719.6983 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B918-SUB-0-2 @ 13:55		Medium dense, WELL GRADED SAND, dry to moist, brown	9.9
				Stiff, SANDY SILT WITH GRAVEL, fine gravel, with black shiny material (ash), dry to moist, dark brown, low plasticity, and brick	
2.5				SILTY SAND, with black shiny material (ash), dry to moist, very dark brown to black, low plasticity, (black material interpreted to be coal)	
		SSHS-B918-SUB-2-4 @ 14:00			6.8
				SILT WITH GRAVEL, fine to coarse grained, moist, dark brown, non plastic, yellow brick	
				No recovery	
				SILT WITH GRAVEL, with black shiny material (ash), fine to coarse grained, moist, dark brown, non plastic, yellow brick	
5.0		SSHS-B918-SUB-4-6 @ 14:05		LEAN CLAY WITH SAND, and black shiny material (ash), dark black, appears stained	5.6
				No recovery	
				Loose, WELL GRADED SAND, with black shiny material (ash), dry to moist, dark gray, and slag clasts	
		SSHS-B918-SUB-6-8 @ 14:10		Stiff, SILT, moist, orange brown, low plasticity	1.7
7.5				Becomes orange black	
		SSHS-B918-SUB-8-10 @ 14:15		Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with fine to coarse sand, and silt, dry to moist, orange to tan, non plastic	2.1
				No recovery	

Bottom of borehole at 10.0 feet.

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BORING B919

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753738.5516 ft **EASTING** 762682.2345 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH GRAVEL, moist, light brown	
		SSHS-B919-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT, and black shiny material (ash), moist, dark brown	3.4
				Brick present	
				Dense, black shiny material (ash), dry to moist, dark brown, sand and silt size grains	
				Becomes brick	
2.5				Loose, SILTY GRAVEL, with black shiny material (ash), dry, gray brown	
		SSHS-B919-SUB-2-4		Soft, SANDY SILT WITH GRAVEL, dry, orange	2.4
				Loose, SANDY SILT WITH GRAVEL, with black shiny material (ash), dry, light brown tan	
				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, dry to moist, dark brown, and brick	
5.0		SSHS-B919-SUB-4-6		No recovery	3.8
				Becomes moist	
				SILTY GRAVEL, fine to coarse grained, dry to moist, tan gray, non plastic	
		SSHS-B919-SUB-6-8		No recovery	3.7
7.5				Soft, SANDY SILT WITH GRAVEL, dry to moist, dark brown, non plastic	
				SILTY SAND, light gray, concrete	
		SSHS-B919-SUB-8-10		SILT WITH GRAVEL, moist, light tan, non plastic	2.1
				No recovery	

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BORING B919

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				SILT WITH GRAVEL, moist, light tan, non plastic	
		SSHS-B919-SUB-10-12		Loose, WELL GRADED GRAVEL WITH SAND, fine to medium sand, dry to moist, orange brown	2.3
				No recovery	
				Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B920

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/16/18 **COMPLETED** 1/16/18
NORTHING 753714.9938 ft **EASTING** 762705.0337 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B920-SUB-0-2 @ 13:30		SILTY GRAVEL WITH SAND, fine to coarse gravel, tan brown, low plasticity	0.7
2.5				Medium dense, CLAYEY SAND WITH GRAVEL, fine to coarse gravel, with black shiny material (ash), moist, dark brown	
		SSHS-B920-SUB-2-4 @ 13:35		Medium dense, SILTY SAND, moist, dark brown, low plasticity, brick	0.2
				Medium dense, SILT WITH SAND, coarse gravel, with black shiny material (ash), moist, tan brown	
5.0		SSHS-B920-SUB-4-6 @ 13:40		CLAYEY SAND WITH GRAVEL, SAND, with clay, and fine to coarse gravel, and black shiny material (ash), dark gray black, low plasticity, brick	0.6
		SSHS-B920-SUB-6-8 @ 13:45		Dense, SILTY SAND WITH GRAVEL, orange tan, non plastic	
				Medium dense, SILTY SAND, with black shiny material (ash), dry to moist, dark gray black	0.5
7.5				Becomes No recovery	
				Becomes medium dense, with black shiny material (ash), dry to moist, dark gray black	
				Stiff, LEAN CLAY, moist, yellow brown	
		SSHS-B920-SUB-8-10 @ 13:50		Medium stiff, SILT WITH SAND, moist, yellow brown, non plastic	0.3
				No recovery	

(Continued Next Page)

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BORING B920

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Stiff, CLAYEY SAND, moist, dark brown, medium plasticity	
10.0		SSHS-B920-SUB-10-12 @ 13:55		WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, moist, orange brown, non plastic	0.8
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B921

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753755.4872 ft **EASTING** 762529.2591 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B921-SUB-0-2 @ 9:45		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, tan brown, non plastic	3.1
				Becomes No recovery Becomes wet	
2.5				Becomes dark brown, soil appears stained	
		SSHS-B921-SUB-2-4 @ 9:50		Becomes loose, fine to coarse gravel, dry to moist, tan brown, non plastic	0.6
				Loose, WELL GRADED GRAVEL, dry, tan brown	
				Medium dense, WELL GRADED SAND WITH SILT, fine to coarse sand, with silt, and fine gravel, dry to moist, tan brown	
5.0		SSHS-B921-SUB-4-6 @ 9:55		No recovery Note: Hit refusal only made it to 5 1/2 ft bgs	3.3
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B922

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753732.5378 ft **EASTING** 762528.3962 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B922-SUB-0-2 @ 10:40		Loose, WELL GRADED SAND WITH SILT, fine to coarse sand, with silt, dry to moist, tan brown	11.3
2.5		SSHS-B922-SUB-2-4 @ 10:45		WELL GRADED SAND WITH SILT, moist, dark gray brown, non plastic, brick present Note: Hit conrete and refusal at 3ft. Two (2) attempts were made.	
				Bottom of borehole at 3.0 feet.	6.4
5.0					
7.5					

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BORING B923

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753852.8328 ft **EASTING** 762592.6973 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B923-SUB-0-2 @ 14:20		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, tan	2.6
				Becomes dark brown	
2.5				Brick	
		SSHS-B923-SUB-2-4 @ 14:25		Becomes dense, coarse gravel, moist, dark brown, low plasticity, some staining	1.2
				Becomes No Recovery	
				Brick present	
				Dense, SILTY SAND WITH GRAVEL, coarse gravel, moist, dark brown, low plasticity, some staining	
				Loose, WELL GRADED GRAVEL, dry, tan	
5.0		SSHS-B923-SUB-4-6 @ 14:30		Medium dense, SILTY SAND, fine to medium sand, dry to moist, dark brown, with wood and brick	2.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B924

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753661.3667 ft **EASTING** 762552.3299 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B924-SUB-0-2 @ 13:30		Medium dense, WELL GRADED SAND WITH SILT, moist, brown	4.3
				No recovery	
2.5		SSHS-B924-SUB-2-4 @ 13:35		Medium dense, SILTY SAND WITH GRAVEL, coarse gravel, moist, dark brown, low plasticity	
				SILTY SAND WITH GRAVEL, fine to coarse gravel, and black shiny material (ash), dark gray with brown, some brick	5.3
5.0		SSHS-B924-SUB-4-6 @ 13:40		WELL GRADED SAND, and black shiny material (ash), dark brown to black, some crushed brick, wood, and soil appears stained	5.2
				No recovery	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B925

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/12/18 **COMPLETED** 1/12/18
NORTHING 753838.909 ft **EASTING** 762643.4878 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B925-SUB-0-2		Loose, SILTY SAND WITH GRAVEL, SAND, with silt, and fine gravel, dry to moist, light tan brown	2.8
2.5		SSHS-B925-SUB-2-4		SILTY SAND, some gravel, and black shiny material (ash), dry to moist, dark brown, brick present in matrix	5.7
				No recovery	
5.0		SSHS-B925-SUB-4-6		Becomes black shiny material (ash), no brick	3.9
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B926

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/18/18 **COMPLETED** 1/18/18
NORTHING 753825.7004 ft **EASTING** 762668.1269 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B926-SUB-0-2 @ 14:25		Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, moist, brown	96.5
2.5		SSHS-B926-SUB-2-4 @ 14:30		SILT WITH GRAVEL, coarse gravel, dry to moist, dark brown, low plasticity Becomes moist	21.6
				No recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B927

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753701.2255 ft **EASTING** 762801.6863 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, dry to moist, brown, non plastic, (TOPSOIL)	
		SSHS-B927-SUB-0-2 @ 11:50		Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, moist, brown	0.8
2.5				Medium dense, POORLY GRADED SAND, with black shiny material (ash), moist, yellow orange, black shiny material is interbedded	
		SSHS-B927-SUB-2-4 @ 11:55		Loose, black shiny material (ash), dry, dark gray, coal is fine to coarse (sand size)	1.8
				Becomes No recovery	
5.0		SSHS-B927-SUB-4-6 @ 12:00		Becomes black shiny material (ash), slag, brick, and coal	1.9
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B928

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753848.0461 ft **EASTING** 762724.4358 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B928-SUB-0-2 @ 13:30		Loose, WELL GRADED SAND WITH GRAVEL, coarse gravel, dry to moist, tan brown	5.6
				Soft, SILTY SAND, wet, dark brown	
2.5		SSHS-B928-SUB-2-4 @ 13:35		SILTY SAND WITH GRAVEL, fine to coarse gravel, dry, dark brown, crushed brick present	4.1
				No recovery	
		SSHS-B928-SUB-4-6 @ 13:40		Loose, WELL GRADED GRAVEL WITH SAND, dry, light gray, crushed concrete present	3.8
5.0				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B929

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/8/18 **COMPLETED** 1/8/18
NORTHING 753833.2594 ft **EASTING** 762683.4287 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B929-SUB-0-2 @ 16:10		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, dry, tan brown	0.2
				No recovery	
2.5		SSHS-B929-SUB-2-4 @ 16:15		Soft, SILTY GRAVEL, coarse gravel, dry, dark brown	0.1
				Loose, SILTY GRAVEL WITH SAND, coarse gravel, with fine to coarse sand, and black shiny material (ash), dry, brown, medium plasticity	
5.0		SSHS-B929-SUB-4-6 @ 16:20		Becomes very loose, dry, dark brown	0.1
				SANDY LEAN CLAY WITH GRAVEL, fine to coarse sand, dark brown, medium plasticity, Note: Excess material was thrown out.	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B930

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/16/18 **COMPLETED** 1/16/18
NORTHING 753768.8927 ft **EASTING** 762653.4091 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B930-SUB-0-2 @ 14:45		Medium dense, SILTY SAND WITH GRAVEL, coarse sand, moist, dark gray to brown	0.9
				No recovery	
2.5		SSHS-B930-SUB-2-4 @ 14:50		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist, dark brown	1.3
				Medium dense, WELL GRADED SAND WITH GRAVEL, dry to moist, tan gray	
				Becomes and black shiny material (ash)	
5.0		SSHS-B930-SUB-4-6 @ 14:55		Medium dense, SILTY SAND WITH GRAVEL, fine to medium sand, with black shiny material (ash), moist, dark brown, low plasticity	
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B930 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/18 **COMPLETED** 1/23/18
NORTHING 753768.8927 ft **EASTING** 762653.4091 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5					
5.0					
		SSHS-B930-SUB-6-8		Loose, SILTY GRAVEL, fine to coarse gravel, fine to coarse grained, dry to moist, dark brown to brown, low plasticity, crushed brick present	2.7
7.5				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, some black shiny material (ash), moist, brown, crushed brick Increasing abundance of black shiny material and red brick	
		SSHS-B930-SUB-8-10			2.7
				No recovery	

Bottom of borehole at 10.0 feet.

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BORING B931

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753668.8765 ft **EASTING** 762720.2134 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B931-SUB-0-2		WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, and fine to coarse gravel, dry to moist, tan to brown	2.1
2.5		SSHS-B931-SUB-2-4		Medium dense, WELL GRADED SAND WITH SILT, few black shiny material (ash), dry, dark brown	2.6
				WELL GRADED SAND, and black shiny material (ash), (abundant black shiny material)	
				Stiff, SILT WITH GRAVEL, and coarse gravel, few black shiny material (ash), moist, dark brown	
5.0		SSHS-B931-SUB-4-6		Stiff, SILT WITH GRAVEL, fine to coarse gravel, moist, orange brown	
				WELL GRADED SAND WITH SILT, black, sand and silt is composed of foreign material	3.8
		SSHS-B931-SUB-6-8		Very stiff, LEAN CLAY, moist, dark gray to brown, medium plasticity	2.6
7.5				Medium dense, SILTY GRAVEL, fine to coarse gravel, dry to moist, orange, non plastic	
				Bottom of borehole at 8.0 feet.	

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BORING B932

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753691.5077 ft **EASTING** 762705.2036 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B932-SUB-0-2 @ 15:30		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, dry to moist, tan	2.1
				Becomes No recovery	
2.5		SSHS-B932-SUB-2-4 @ 15:35		Medium dense, SILTY SAND, few gravel, black shiny material (ash), moist, dark brown, non plastic	1.2
5.0		SSHS-B932-SUB-4-6 @ 15:40		Soft, SILT, dry, tan to brown	
				Soft, LEAN CLAY WITH GRAVEL, tan brown, medium plasticity	14.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B932 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753691.5077 ft **EASTING** 762705.2036 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0					
2.5		SSHS-B932-SUB-2-4		Stiff, SANDY SILT WITH GRAVEL, trace black shiny material (ash), dry to moist, dark brown, trace red brick fragments, excess 10" in boring removed from sample and not included in description	0.3
2.5				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B933

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753697.8955 ft **EASTING** 762651.6112 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B937-SUB-0-2		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, dry to moist, brown	34.5
				SILT WITH GRAVEL, fine to coarse gravel, some black shiny material (ash), moist, dark brown, non plastic	
2.5		SSHS-B937-SUB-2-4		Stiff, SANDY SILT WITH GRAVEL, with black shiny material (ash), dry to moist, dark brown to black, non plastic, brick (yellow) present	6.2
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B934

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING Unknown **EASTING** Unknown
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dry to moist, brown, (TOPSOIL) with roots present	
		SSHS-B934-SUB-0-2 @ 8:45		Medium dense, SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, with black shiny material (ash), dry, tan to brown	0.6
2.0				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B935

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753639.2211 ft **EASTING** 762714.3637 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B935-SUB-0-2 @ 8:55		SILT, dry to moist, brown, non plastic, (TOPSOIL) with roots present	1.2
				Medium dense, SILTY SAND WITH GRAVEL, coarse gravel, dry, dark brown, (fine black shiny material)	
				Bottom of borehole at 2.0 feet.	
2.5					
5.0					
7.5					

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BORING B936

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753845.5231 ft **EASTING** 762609.3409 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B936-SUB-0-2 @ 11:10		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, dry, light brown	0.8
2.5		SSHS-B936-SUB-2-4 @ 11:15		Medium dense, SILTY SAND WITH GRAVEL, dark brown Becomes black shiny material (ash), Some brick present	0.7
				Red brick	
				Medium dense, SILTY SAND WITH GRAVEL, dark brown	
5.0		SSHS-B936-SUB-4-6 @ 11:20		Brick and gravel	0.6
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B937

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/19/18 **COMPLETED** 1/19/18
NORTHING 753773.5285 ft **EASTING** 762590.3843 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B937-SUB-0-2 @ 11:20		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine gravel, dry to moist, brown	1.6
2.5		SSHS-B937-SUB-2-4 @ 11:25		Medium dense, SILT WITH GRAVEL, with black shiny material (ash), fine to coarse grained, moist, dark brown, non plastic Stiff, SANDY SILT WITH GRAVEL, with black shiny material (ash), dry to moist, dark brown to black, non plastic, and yellow brick	2.8
5.0		SSHS-B937-SUB-4-6 @ 11:30		No recovery	3.3
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B938

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/9/18 **COMPLETED** 1/9/18
NORTHING 753742.2819 ft **EASTING** 762592.566 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B938-SUB-0-2 @ 15:30		Dense, WELL GRADED SAND WITH GRAVEL, fine gravel, dry, tan brown	0.9
				No recovery	
2.5		SSHS-B938-SUB-2-4 @ 15:35		Medium dense, SILTY SAND WITH GRAVEL, dry, dark brown, brick present	0.8
2.5				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B938 (re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 1/23/18 **COMPLETED** 1/23/18 **NORTHING** 753742.2819 ft **EASTING** 762592.566 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** J. Thompson

NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled blind	
2.5				WELL GRADED SAND WITH GRAVEL, fine to coarse sand, with fine gravel, wet, dark brown	
				POORLY GRADED SAND WITH GRAVEL, fine gravel, moist, dark brown	
5.0		SSHS-B938-SUB-4-6 @ 9:45		No recovery	1
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B939

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/11/18 **COMPLETED** 1/11/18
NORTHING 753624.5557 ft **EASTING** 762618.8717 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	2.8
		SSHS-B939-SUB-0-2		Loose, WELL GRADED SAND, trace gravel, dry to moist, tan brown	
				No recovery	4
2.5		SSHS-B939-SUB-2-4		Loose, WELL GRADED SAND WITH SILT AND GRAVEL, dry to moist, tan brown	
				Dense, WELL GRADED SAND WITH SILT AND GRAVEL, and black shiny material (ash), dry to moist, dark gray	
4.0				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B939 (re-drill)

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 1/23/18 **COMPLETED** 1/23/18 **NORTHING** 753624.5557 ft **EASTING** 762618.8717 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** J. Thompson

NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled blind	
2.5					
5.0				Loose, WELL GRADED SAND, fine to coarse grained, wet, dark brown	
		SSHS-B939-SUB-6-8		WELL GRADED GRAVEL, fine to coarse gravel, with fine to medium sand, wet, dark brown, some red brick present	2.1
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B940

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753614.3031 ft **EASTING** 762632.52 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, dark brown, non plastic, grass roots present	
		SSHS-B940-SUB-0-2 @ 10:55		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist, dark brown, non plastic	2.4
				No recovery	
2.5		SSHS-B940-SUB-2-4 @ 11:00		Medium dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist, dark brown, non plastic, gravel increases with depth	4.3
				No recovery	
				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B941

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/18
NORTHING 753657.2591 ft **EASTING** 762660.3349 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B941-SUB-0-2 @ 14:30		Loose, SILTY GRAVEL WITH SAND, coarse gravel, dry to moist, light tan	0.3
				Dense, SANDY SILT, dry to moist, dark brown, non plastic, brick present, soil appears stained	
				Becomes medium dense, with black shiny material (ash), brick and pulverized concrete present	
2.5		SSHS-B941-SUB-2-4 @ 14:35			0.2
				Becomes loose	
		SSHS-B941-SUB-4-6 @ 14:40		Becomes black shiny material (ash), no brick	0.2
5.0				Dense, GRAVELLY SILT, coarse gravel, dry to moist, orange tan, plasticity unknown (frozen)	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B942

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/14/18 **COMPLETED** 1/14/18
NORTHING 753732.2622 ft **EASTING** 762722.7921 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium dense, SILTY GRAVEL WITH SAND, coarse gravel, dry to moist, tan	
		SSHS-B942-SUB-0-2 @ 14:50		Dense, SILTY GRAVEL WITH SAND, and black shiny material (ash), moist, dark brown, low plasticity, brick present	0.6
				Becomes No recovery	
2.5		SSHS-B942-SUB-2-4 @ 14:55		Medium dense, SILTY GRAVEL WITH SAND, with black shiny material (ash), dry to moist, light gray	0.1
				Black shiny material (ash), dark gray black, black material interpreted to by coal, brick also present	
4.0				Bottom of borehole at 4.0 feet.	
5.0					
7.5					

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BORING B942 (re-drill)

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/24/18 **COMPLETED** 1/24/18
NORTHING 753732.2622 ft **EASTING** 762722.7921 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled Blind	
2.5					
5.0					
7.5		SSHS-B942-SUB-8-10		Loose, WELL GRADED SAND WITH GRAVEL, SAND, with fine to coarse gravel, and black shiny material (ash), dry to moist, orange and tan	
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse grained, dry to moist, dark brown to black, non plastic	0.2
				Stiff, SILT, dry to moist, gray and brown, non plastic	

Bottom of borehole at 10.0 feet.

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BORING B943

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/10/18 **COMPLETED** 1/10/18
NORTHING 753677.2066 ft **EASTING** 762763.3367 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B943-SUB-0-2 @ 15:55		Loose, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, moist, tan brown, brick present	1.6
				No recovery	
2.5		SSHS-B943-SUB-2-4 @ 16:00		Dense, SILTY SAND WITH GRAVEL, dry to moist, tan brown	0.8
5.0				SANDY SILT, black shiny material (ash), dark gray to black, Note: This is below the proposed sample depth	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B944

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/20/18 **COMPLETED** 1/20/18
NORTHING 753640.6942 ft **EASTING** 762669.367 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B944-SUB-0-2		Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse sand, with fine gravel, dry to moist, brown	1.1
2.5				SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown to black, with red brick, soil appears stained	
		SSHS-B944-SUB-2-4		SANDY SILT WITH GRAVEL, fine gravel, dry, brown	
				Medium dense, SILT WITH GRAVEL, fine gravel, and black shiny material (ash), dry to moist, dark black, with red brick	2.7
5.0		SSHS-B944-SUB-4-6		Medium dense, SILTY SAND WITH GRAVEL, and black shiny material (ash), dry to moist, black orange	1.2
				No recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B945

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753639.4999 ft **EASTING** 762687.9891 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, dark brown, non plastic, grass roots present	
		SSHS-B945-SUB-0-2 @ 12:45		Loose, WELL GRADED SAND, moist, brown	
				SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, dark brown, low plasticity, brick present	2.8
				No recovery	
				SILTY SAND WITH GRAVEL, fine gravel, with black shiny material (ash), moist, dark brown, low plasticity, brick present	
2.5		SSHS-B945-SUB-2-4 @ 12:50		Dense, SILTY SAND WITH GRAVEL, with black shiny material (ash), moist, dark brown	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, brown, non plastic	4.8
				No recovery	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, brown, non plastic	
				Very stiff, SILT WITH GRAVEL, moist, light orange tan, low plasticity	
5.0		SSHS-B945-SUB-4-6 @ 12:55			4.1
				LEAN CLAY WITH SAND, moist, light orange tan, medium plasticity	
				Very stiff, SILT WITH GRAVEL, moist, light orange tan, low plasticity	
7.5					

Bottom of borehole at 8.0 feet.

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BORING B946

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753628.542 ft **EASTING** 762662.5232 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0		SSHS-B946-SUB-0-2 @ 11:35		SILT, dry to moist, dark brown to brown, non plastic, roots in upper 5"	3.4
				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, moist, dark brown, low plasticity	
2.5		SSHS-B946-SUB-2-4 @ 11:35		Dense, SILTY SAND WITH GRAVEL, coarse gravel, some black shiny material (ash), moist, dark brown, low plasticity, yellow brick present	3.8
				No recovery	
		SSHS-B946-SUB-4-6 @ 11:35		Dense, SILTY SAND WITH GRAVEL, coarse gravel, some black shiny material (ash), moist, dark brown, low plasticity, yellow brick present	2.8
5.0				Dense, black shiny material (ash), non plastic, black coal mirrors the size of SM-SW	
				Medium dense, SILTY SAND WITH GRAVEL, coarse gravel, dry to moist, orange	
				No recovery	
				Medium dense, SILTY SAND WITH GRAVEL, coarse gravel, dry to moist, orange	
				Black shiny material (ash)	
		SSHS-B946-SUB-6-8 @ 11:35		LEAN CLAY, moist, light tan brown, medium plasticity	3
7.5					

Bottom of borehole at 8.0 feet.

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BORING B947

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/22/18 **COMPLETED** 1/22/18
NORTHING 753765.8219 ft **EASTING** 762725.5579 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Crushed asphalt	
		SSHS-B947-SUB-0-2 @ 14:30		Medium dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine gravel, dry to moist, tan brown	0.6
2.5		SSHS-B947-SUB-2-4 @ 14:35		WELL GRADED SAND WITH GRAVEL, moist, black, Gravel is composed of large lback shinging clasts and crushed red brick Yellow and Red brick present	3.1
				No recovery	
				Loose, Same as above but contains concrete clasts	
5.0		SSHS-B947-SUB-4-6 @ 14:40		Very loose, dry to moist, red, brick	2
				No recovery	
				Moist, Brick and crushed concrete	
		SSHS-B947-SUB-6-8 @ 14:45		Medium dense, WELL GRADED GRAVEL WITH SAND, black shiny material (ash), moist, dark gray to black, hydrocarbon odor	45.5
7.5				No recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B948

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 1/23/18 **COMPLETED** 1/23/18
NORTHING 753763.3153 ft **EASTING** 762638.1598 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Broken asphalt	
				Medium dense, WELL GRADED SAND, dry to moist, dark brown to tan, non plastic	
				Soft, SANDY SILT WITH GRAVEL, fine to coarse gravel, moist, dark brown, non plastic	1.4
				Soft, SANDY SILT, moist, light tan	
2.5				SILTY SAND WITH GRAVEL, SAND, with silt, and fine to coarse gravel, and black shiny material (ash), dry to moist, dark brown to black, red brick	
				Medium dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine gravel, dry, brown, red brick	1.7
5.0				WELL GRADED GRAVEL WITH SILT, wet, dark brown	
				Dense, WELL GRADED SAND WITH GRAVEL, SAND, with fine to coarse gravel, dry to moist, brown	4.4
7.5					1.8

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BORING B948

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B948-SUB-10-12		Stiff, SILT, coarse grained, dry to moist, dark brown to tan, low plasticity	4.5
				Dense, SILTY GRAVEL WITH SAND, dry to moist, brown	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B949

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762735.4973 ft **EASTING** 753810.4475 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, few rock fragments, trace black shiny material (ash), moist, brown	10.9
				No Recovery	
2.5		SSHS-B949-SUB-2-4		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, few rock fragments, trace black shiny material (ash), moist, brown	9.7
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, some fine to coarse gravel, few silt, moist, reddish brown	
				No Recovery	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, some fine to coarse gravel, few silt, moist, reddish brown	
		SSHS-B949-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, some fine to coarse gravel, few silt, moist, dark brown	8.5
5.0				Loose, WELL GRADED SAND WITH GRAVEL, few fine gravel, trace silt, medium to coarse grained, moist, reddish brown	
				Soft, LEAN CLAY WITH SAND, few fine gravel, some fine to coarse gravel, moist, blackish brown with yellow, low plasticity	
				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B950

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762664.3478 ft **EASTING** 753832.3565 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				WELL GRADED SAND WITH GRAVEL, fine to medium sand, with fine gravel, few rock fragments, moist, light brown to dark blackish brown	0
2.5		SSHS-B950-SUB-2-4		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, coarse gravel, few rock fragments, moist, blackish brown to brownish black, angular gravel	0
				No recovery	
		SSHS-B950-SUB-4-6		Becomes loose to medium dense, coarse gravel, few rock fragments, moist, blackish brown to brownish black, angular gravel	0
5.0				No recovery	
		SSHS-B950-SUB-6-8		Becomes loose to medium dense, coarse gravel, few rock fragments, moist, light brown, angular gravel	0
				Becomes loose to medium dense, coarse gravel, few rock fragments, moist, blackish brown, angular gravel	
7.5				No recovery	
		SSHS-B950-SUB-8-10		Becomes loose to medium dense, few silt, coarse gravel, few rock fragments, moist, blackish brown	0.2
				No recovery	

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BORING B950

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B950-SUB-10-12		Becomes loose to medium dense, few silt, coarse gravel, few rock fragments, moist, blackish brown	0
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist to wet, brown, well graded, angular gravel	
				No recovery	
10.0				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B951

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762693.6762 ft **EASTING** 753870.1075 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED GRAVEL WITH SAND, little medium sand, fine to medium grained, dry, black to gray, angular	
				Loose, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, fine to coarse grained, moist, light brown	10.9
2.5					
		SSHS-B951-SUB-2-4		Loose, WELL GRADED GRAVEL WITH CLAY AND SAND, with fine sand, trace clay, trace black shiny material (ash), fine to coarse grained, moist, dark brown, non plastic	15
				Loose, WELL GRADED SAND WITH GRAVEL, trace fine gravel, fine to medium grained, moist, brown, gravel is rounded	
				Becomes some fine gravel, gravel is rounded	
		SSHS-B951-SUB-4-6			10
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B952

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762710.9137 ft **EASTING** 753669.8224 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, some fine to coarse gravel, fine to medium grained, moist, brown to light brown, gravel is angular	1061
				Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, some fine to coarse gravel, few black shiny material (ash), fine to medium grained, moist, dark brown to black, gravel is angular	
2.5				Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, some fine to coarse gravel, few silt, fine to medium grained, moist, dark brown to black, gravel is angular	175
				No Recovery	
				Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, some fine to coarse gravel, few silt, fine to medium grained, moist, dark brown to black, gravel is angular	
5.0					1600
				Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, some fine to coarse gravel, few silt, fine to medium grained, dry to moist, dark brown to brown, gravel is angular	
		SSHS-B952-SUB-6-8			950
7.5				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, trace silt, few rock fragments, moist, black, subangular	
		SSHS-B952-SUB-8-10		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, trace silt, few rock fragments, moist, yellowish brown, subangular	205
				No Recovery	

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BORING B952

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B952-SUB-10-12		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, trace silt, few rock fragments, moist to wet, yellowish brown to reddish brown, subangular	298
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B953

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762720.8907 ft **EASTING** 753653.5813 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, dark brown, Topsoil	
				WELL GRADED SAND WITH GRAVEL, trace silt, few fine to coarse gravel, trace rock fragments, fine to medium grained, moist, brown to blackish brown	192
2.5				No Recovery	48
5.0				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, brownish black to black, gravel is subangular	90.1
				No Recovery	
		SSHS-B953-SUB-6-8		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, brownish black to black, gravel is subangular	
7.5				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, yellowish brown to brown, gravel is subangular	438
				No Recovery	
		SSHS-B953-SUB-8-10		Medium dense to dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, yellowish brown to brown, gravel is subangular	286
				No Recovery	

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BORING B953

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, yellowish brown to brown, gravel is subangular	95
				Loose to very loose, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, wet, yellowish brown to brown, gravel is subangular	
12.5		SSHS-B953-SUB-12-14		Medium dense to dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, yellowish brown to brown, gravel is subangular	153
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B954

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762545.4363 ft **EASTING** 753714.2682 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH GRAVEL, few silt, with rock fragments, dry to moist, brown to light brown, subangular to rounded	3.1
2.5				Medium dense, WELL GRADED SAND WITH GRAVEL, few silt, few black shiny material (ash), dry to moist, dark brown to light yellowish brown, crushed concrete present (@ 2.33-2.5")	42.6
				No recovery	
				Trace rock fragments, few black shiny material (ash), dry to moist, few crushed brick	
5.0				Medium dense, WELL GRADED SAND WITH GRAVEL, dry to moist, dark blackish brown to black, slight hydrocarbon odor	42.8
		SSHS-B954-SUB-6-8		Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, dry to moist, dark blackish brown to reddish brown	125
7.5				Medium dense, WELL GRADED SAND WITH GRAVEL, moist, blackish brown	
		SSHS-B954-SUB-8-10		Rock fragments	70
				Medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, few silt, moist, yellowish brown, gravel is subangular to rounded	

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BORING B954

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Crushed and powdered concrete	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, brown, subangular gravel	70.2
12.5		SSHS-B954-SUB-12-14		Loose, WELL GRADED GRAVEL WITH SAND, fine gravel, some fine sand, few rock fragments, moist, brown to dark brown, rounded gravel	164
				Loose, WELL GRADED GRAVEL WITH SAND, moist, light brown	
				No recovery	

Bottom of borehole at 14.0 feet.

15.0

17.5

20.0

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BORING B955

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/27/18 **COMPLETED** 2/27/18
NORTHING 762616.1934 ft **EASTING** 753859.3713 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, moist, brown to blackish brown, subangular, trace powdered red brick	7.2
2.5		SSHS-B955-SUB-2-4		WELL GRADED GRAVEL WITH SAND, with fine to medium sand, moist, brown to blackish brown, subangular, trace powdered red brick	11.7
				No Recovery	
		SSHS-B955-SUB-4-6		WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace silt, trace black shiny material (ash), moist, brown to blackish brown, subangular, trace powdered red brick	11.1
5.0				No Recovery	
		SSHS-B955-SUB-6-8		WELL GRADED GRAVEL WITH SAND, with fine to medium sand, moist, brown to blackish brown, subangular, trace powdered red brick	38.6
				No Recovery	
7.5		SSHS-B955-SUB-8-10		WELL GRADED GRAVEL WITH SILT AND SAND, few silt, moist, brown to blackish brown, subangular, powdered red brick pieces	13.2
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B956

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/27/18 **COMPLETED** 2/27/18
NORTHING 762568.3962 ft **EASTING** 753808.8277 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED GRAVEL WITH SAND, some fine to medium sand, moist, brown to dark brown	10.5
2.5				Very loose, WELL GRADED GRAVEL WITH SAND, moist, brown to brownish olive	
				Becomes brownish olive to brown	
				Becomes black to brownish black	73.6
				No Recovery	
				WELL GRADED GRAVEL WITH SAND, some fine to medium sand, moist, brown to dark brown, few black shiny material	
5.0				Moist, powdered yellow Brick	
				Medium dense, WELL GRADED SAND WITH GRAVEL, some gravel, trace silt, fine to coarse grained, moist to wet, dark brown to black	46.7
				Loose, WELL GRADED GRAVEL WITH SAND, some fine sand, coarse grained, saturated, brown	
		Overdrilled, bottom 5" discarded.			
7.5		SSHS-B956-SUB-6-8		Moist, black shiny material	63.1
				Medium dense, SILTY SAND, few silt, trace gravel, fine to coarse grained, moist, brown to blackish brown, hydrocarbon odor, gravel is rounded	
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, trace silt, with fine sand, wet, dark brown	
		Overdrilled, bottom 12" discarded SSHS-B956-SUB-8-10			78.7
				Construction debris, dry	

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BORING B956

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		Repeated refusal (X3) at 10'. Boring terminated at 10'. Overdrilled, bottom 6" discarded.		Refusal at 10.0 feet. Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B957

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762624.6235 ft **EASTING** 753831.0629 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, moist, brown to grayish brown, subangular	128
				No Recovery	
2.5				Very loose, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, coarse grained, moist, dark brown, angular	
				Dry, broken powdered Concrete	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, moist, brown to dark brown, some crushed red Brick	129
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, moist, brown to dark brown, some crushed red Brick	
5.0					165
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, moist, brown to dark brown, some crushed red Brick	
		SSHS-B957-SUB-6-8			72.3
7.5				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, moist, brown to dark brown, some crushed red Brick	
		SSHS-B957-SUB-8-10		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, coarse grained, dry to moist, brown to dark brown, some crushed red Brick	13.7
				Loose to medium dense, POORLY GRADED GRAVEL WITH SAND, some fine sand, trace rock fragments, coarse grained, moist, brown, some crushed red Brick	
				No Recovery	

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BORING B957

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B957-SUB-10-12		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace rock fragments, trace silt, fine to coarse grained, moist, brown, subangular	61.9
				No Recovery	
12.5		SSHS-B957-SUB-12-14		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace rock fragments, trace silt, fine to coarse grained, moist, brown, subangular	5.7
				Crushed powdered red Brick	
				No Recovery	

Bottom of borehole at 14.0 feet.

10.0

12.5

15.0

17.5

20.0

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BORING B958

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762630.5483 ft **EASTING** 753733.5674 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense, WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, few silt, trace construction debris, moist, brown to dark brown, gravel is subangular to rounded	15
2.5				Medium dense, WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, few silt, trace construction debris, dry to moist, light brown, gravel is subangular to rounded	3.5
				No Recovery	
				WELL GRADED SAND, some rock fragments, few fine to coarse gravel, medium to coarse grained, moist, blackish brown to brown	616
5.0				No Recovery	
		SSHS-B958-SUB-6-8		WELL GRADED SAND, some rock fragments, few fine to coarse gravel, medium to coarse grained, moist, blackish brown to light grayish brown	16.3
7.5				No Recovery	
				Loose, WELL GRADED GRAVEL, few rock fragments, few sand, dry to moist, gray, rounded	48.6
				No Recovery	

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BORING B958

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B958-SUB-10-12		Medium dense, WELL GRADED GRAVEL WITH SAND, some fine to coarse sand, trace silt, few rock fragments, moist, subangular	
				Medium dense, WELL GRADED GRAVEL WITH SAND, some fine to coarse sand, trace silt, few rock fragments, moist, light yellowish brown to brown, subangular, more moisture towards bottom 3"	135
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B959

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762688.7536 ft **EASTING** 753753.4249 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B959-SUB-0-2		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, fine to coarse grained, moist, light brown to black, subangular	10
2.5		SSHS-B959-SUB-2-4		Loose, WELL GRADED SAND WITH GRAVEL, with fine gravel, few rock fragments, trace silt, fine to medium grained, moist, dark brown to black, few red brick pieces	5.8
				No Recovery	
		SSHS-B959-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, with fine gravel, few rock fragments, few silt, fine to medium grained, moist, reddish brown to blackish brown, few red brick pieces	30.6
5.0				No Recovery	
		SSHS-B959-SUB-6-8		Loose, WELL GRADED SAND WITH GRAVEL, with fine gravel, few rock fragments, trace silt, fine to medium grained, moist, dark brown to black, few red brick pieces	
				Loose, SILTY SAND WITH GRAVEL, with silt, some gravel, moist, brown	41.5
7.5				No Recovery	
		SSHS-B959-SUB-8-10		Loose to very dense, WELL GRADED GRAVEL WITH SAND, some sand, few silt, trace black shiny material (ash), moist, dark brown to blackish brown	
				Soft to medium stiff, FAT CLAY, moist, brown, high plasticity	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, some fine to coarse gravel, few rock fragments, moist, brown to blackish brown	17
				No Recovery	

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BORING B959

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B959-SUB-10-12		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, some fine to coarse gravel, few rock fragments, moist, brown to blackish brown	4
				No Recovery	
12.5				Bottom of borehole at 12.0 feet.	
15.0					
17.5					
20.0					

10.0

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BORING B960

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762695.5545 ft **EASTING** 753723.0546 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED SAND WITH GRAVEL, some coarse gravel, few rock fragments, trace silt, fine to medium grained, moist, brown to blackish brown	109
				No Recovery	
2.5		SSHS-B960-SUB-2-4		Loose, WELL GRADED GRAVEL WITH SAND, some fine sand, moist, brown	
				Black shiny material (ash), some rock fragments	75
				No Recovery	
		SSHS-B960-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine gravel, fine to medium grained, moist, dark brown to black	
5.0				Black shiny material (ash)	73.5
				Stiff, LEAN CLAY, trace silt, trace fine gravel, moist, yellow, medium plasticity	
				No Recovery	
				Some fine to medium sand, trace rock fragments, trace black shiny material (ash), fine grained, moist, dark brown to black, rounded	
				Becomes black	136
7.5				Soft, LEAN CLAY, trace silt, moist, reddish brown to yellowish brown, medium plasticity	
				No Recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, few fine sand, fine to coarse grained, moist, black	
				Medium stiff, LEAN CLAY, medium plasticity	
		SSHS-B960-SUB-8-10		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, trace black shiny material (ash), some medium to coarse sand, trace rock fragments, moist, black, subangular	1309
				Soft, LEAN CLAY, moist, yellowish brown, medium plasticity	
				No Recovery	

Bottom of borehole at 10.0 feet.

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BORING B961

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762753.4195 ft **EASTING** 753697.3329 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				To medium dense, WELL GRADED SAND WITH GRAVEL, trace black shiny material (ash), few rock fragments, moist, brown to greenish brown, angular to subangular	14.6
2.5					15.3
				No recovery	
				Medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, fine grained, moist, brown, rounded gravel	
				Black shiny material (ash), slight hydrocarbon odor	2.1
5.0				Medium dense, WELL GRADED GRAVEL WITH SAND, fine sand, few black shiny material (ash), moist, yellow brown	
				No recovery	25.9
7.5					
		SSHS-B961-SUB-8-10		Soft, FAT CLAY WITH GRAVEL, fine gravel, some black shiny material (ash), few silt, moist, yellow, high plasticity, angular gravel	19.7

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BORING B961

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B961-SUB-10-12		Medium dense, WELL GRADED GRAVEL WITH SAND, few fine to medium sand, few rock fragments, moist, yellowish brown, subangular to rounded	28.6
10.0				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B962

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762753.7584 ft **EASTING** 753674.3398 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED GRAVEL WITH SAND, fine to medium sand, trace black shiny material (ash), few rock fragments, moist to wet, dark brown to blackish brown, hydrocarbon odor	15.2
2.5				Becomes black	32.3
				No recovery	
				Black shiny material (ash), trace hydrocarbon odor	18.2
5.0					
				Medium dense, WELL GRADED GRAVEL WITH SAND, fine sand, few rock fragments, moist, yellowish red to reddish brown	24.3
				No recovery	
7.5				Loose, WELL GRADED GRAVEL WITH SAND, moist, yellow, angular	
				Black shiny material (ash), moist	
		SSHS-B962-SUB-8-10		Medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, some fine gravel, yellowish brown, subangular gravel	25.2

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BORING B962

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B962-SUB-10-12		Becomes dry to moist	
				Moist to wet	30.1
10.0				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B963

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762616.9916 ft **EASTING** 753804.8248 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few rock fragments, some fine gravel, fine to medium grained, moist, brown to black	0.1
2.5				No Recovery	0
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few rock fragments, some fine gravel, fine to medium grained, moist, brown to black, trace crushed powdered red Brick	
5.0		SSHS-B963-SUB-4-6			0
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, few rock fragments, some fine gravel, fine to medium grained, moist, brown to black, trace crushed powdered red Brick	
		SSHS-B963-SUB-6-8			0.6
7.5				No Recovery	
		Repeated refusal (X3) at 8'. Boring terminated at 8'.		Bottom of borehole at 8.0 feet.	

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BORING B964

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762604.53 ft **EASTING** 753769.8317 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	REMARKS	MATERIAL DESCRIPTION
0.0		
2.5		
5.0		
7.5	Repeated Refusal (X3) consistently seen at 8' depth. As no samples were to be collected above this depth, cores were discarded	

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BORING B965

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762613.9952 ft **EASTING** 753665.3657 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few silt, with sand, few rock fragments, fine to coarse grained, moist, brown	9.1
2.5				Medium dense to dense, WELL GRADED SAND WITH CLAY AND GRAVEL, with fine to medium gravel, trace black shiny material (ash), few rock fragments, fine to medium grained, moist to wet, light brown to dark brown	11.2
				Medium dense to dense, WELL GRADED SAND WITH CLAY AND GRAVEL, with fine to medium gravel, few silt, few rock fragments, fine to medium grained, moist to wet, light brown to dark brown, trace powdered red Brick.	
				No Recovery	19
5.0				Medium dense to dense, WELL GRADED SAND WITH CLAY AND GRAVEL, with fine to medium gravel, few silt, few rock fragments, fine to medium grained, moist, light brown to black, trace powdered red Brick.	
		SSHS-B965-SUB-6-8			13.7
7.5		Repeated refusal (X3) consistently observed at 8'. Boring terminated at 8'		Bottom of borehole at 8.0 feet.	

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BORING B966

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762595.5711 ft **EASTING** 753745.2845 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	REMARKS	MATERIAL DESCRIPTION
0.0		
2.5		
5.0		
7.5	Repeated refusal(X3) at 8'. As no samples are to be collected above 8' cores were discarded.	

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BORING B967

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762683.9295 ft **EASTING** 753803.4504 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium gravel, few fine sand, few rock fragments, moist, brown	0
				No recovery	
2.5		SSHS-B967-SUB-2-4		Becomes brown to dark brown, more moisture	0
				No recovery	
5.0		SSHS-B967-SUB-4-6		Becomes moist to wet, brown to dark brown	0
				No recovery	
		SSHS-B967-SUB-6-8		Becomes moist, brown to dark brown	0
7.5				No recovery	
		SSHS-B967-SUB-8-10		Becomes moist to wet, brown to dark brown	0
				Becomes black, hydrocarbon odor	
				No recovery	

(Continued Next Page)

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BORING B967

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B967-SUB-10-12 3 attempts were made to collect sample, each time recovery was less than 1'.		Very loose to loose, WELL GRADED SAND, few gravel, few rock fragments, moist to wet, dark brown to blackish brown, fine sand, and fine gravel, slight hydrocarbon odor	0
				No recovery	
10.0				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B968

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762699.3018 ft **EASTING** 753784.2438 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B968-SUB-0-2		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, some coarse sand, fine to coarse grained, moist, brown	17.9
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, some coarse sand, few silt, fine to coarse grained, moist, brown to black	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, some coarse sand, fine to coarse grained, moist, brown	
2.5		SSHS-B968-SUB-2-4		Loose to medium dense, WELL GRADED GRAVEL, few rock fragments, fine to coarse grained, moist, brown to dark blackish brown	14.5
				Loose, POORLY GRADED GRAVEL, rock fragments, coarse grained, rounded	
				No Recovery	
				Loose, POORLY GRADED GRAVEL, rock fragments, coarse grained, rounded	
5.0		SSHS-B968-SUB-4-6		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, some fine to coarse sand, few fine to coarse gravel, moist, brown to dark brown, trace powdered red Brick	17.7
7.5				Bottom of borehole at 6.0 feet.	

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BORING B969

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762768.1914 ft **EASTING** 753693.9507 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, some fine to medium sand, few silt, fine to coarse grained, moist, brown to light brown	11.9
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, some fine to medium sand, few silt, fine to coarse grained, wet, brown to light brown	
				No Recovery	
2.5				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, some fine to medium sand, few silt, fine to coarse grained, wet, brown to light brown	
		SSHS-B969-SUB-2-4		Black shiny material (ash), moist	12.8
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine sand, fine to coarse grained, moist, yellowish brown to blackish brown, subangular	
				Medium dense to dense, SILTY SAND WITH GRAVEL, some fine gravel, fine grained, moist, yellowish brown to reddish brown	
5.0		SSHS-B969-SUB-4-6			40.5
				Medium dense to loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, with fine to coarse gravel, medium to coarse grained, wet, brown	
		SSHS-B969-SUB-6-8		Medium dense to loose, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, with fine to coarse gravel, medium to coarse grained, moist, reddish brown	
				Loose, SILTY SAND WITH GRAVEL, some gravel, fine grained, moist, brown	23.7
				WELL GRADED GRAVEL WITH SAND, few rock fragments, fine to coarse grained, moist, yellowish brown	
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B970

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762746.5491 ft **EASTING** 753729.5516 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
		SSHS-B970-SUB-0-2		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine sand, trace silt, fine grained, moist, yellowish brown to brown	23.6
				Construction debris, trace sand, few black shiny material (ash), brown	42.5
2.5				No Recovery	
		SSHS-B970-SUB-4-6		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine sand, trace silt, few rock fragments, coarse grained, moist, brown to blackish brown, rounded	12.6
5.0		SSHS-B970-SUB-6-8		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine sand, trace silt, few rock fragments, coarse grained, moist, brown to blackish brown, rounded	18.5
7.5				No Recovery	
				Bottom of borehole at 8.0 feet.	

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BORING B971

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/27/18 **COMPLETED** 2/27/18
NORTHING 762737.8388 ft **EASTING** 753863.7325 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose, WELL GRADED GRAVEL WITH SAND, with medium sand, fine to medium grained, brown, rounded	
				Loose, WELL GRADED GRAVEL WITH SAND, with fine sand, fine to medium grained, black, subangular	12.4
				CLAYEY SAND, with clay, few gravel, fine grained, brown	
				No Recovery	
2.5		SSHS-B971-SUB-2-4		Medium dense, WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, trace black shiny material (ash), moist, brown to dark brown	78
				No Recovery	
		SSHS-B971-SUB-4-6		Dense, WELL GRADED SAND WITH GRAVEL, some coarse gravel, few silt, moist, brown	8.5
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B972

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762636.2271 ft **EASTING** 753884.3414 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, brown, (Topsoil)	
				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, with fine gravel, few rock fragments, moist, dark brown to black, subangular to rounded gravel, few broken rock pieces	7.7
2.5		SSHS-B971-SUB-2-4		No recovery	22.7
				Becomes medium dense, fine to medium sand, with fine gravel, moist, dark brown to black	
5.0		SSHS-B971-SUB-4-6		Becomes few silt, moist to wet	46.6
				No recovery	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace silt, moist, dark brown to brown, few broken rock pieces	32
7.5				No recovery	

Bottom of borehole at 8.0 feet.

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BORING B973

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762643.4693 ft **EASTING** 753803.6368 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, trace silt, with fine to medium sand, fine to coarse grained, dry to moist, light brown, subangular	14.8
				No Recovery	38.7
2.5					
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace silt, few rock fragments, fine to coarse grained, moist, brown to greenish brown, subangular	
		SSHS-B973-SUB-4-6			26.4
5.0				Rock fragments	
				No Recovery	
				Loose to very loose, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, moist, brown, subangular	
				Medium dense to loose, WELL GRADED GRAVEL WITH SAND, few rock fragments, with fine to medium sand, moist, brown, rounded	
		SSHS-B973-SUB-6-8		Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, with fine sand, few silt, few rock fragments, moist to wet, light brown to dark brown	9.1
7.5				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, trace silt, fine to coarse grained, moist, brown, subangular	
		SSHS-B973-SUB-8-10		Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few rock fragments, few silt, fine to coarse grained, moist to wet, brown, subangular	12.6
				No Recovery	

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BORING B973

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B973-SUB-10-12		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, trace silt, fine to coarse grained, moist to wet, brown, subangular, trace brick present at base	24
				No Recovery	
12.5		SSHS-B973-SUB-12-14		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, trace silt, fine to coarse grained, moist to wet, blackish brown, subangular	16
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, trace silt, fine to coarse grained, moist to wet, reddish brown, subangular	
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few rock fragments, few silt, fine to coarse grained, moist to wet, brown, subangular	
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few rock fragments, few silt, fine to coarse grained, moist to wet, blackish brown, subangular	
		Concrete in Shoe. Hard refusal at 14'.		No Recovery	
15.0				Bottom of borehole at 14.0 feet.	
17.5					
20.0					

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BORING B974

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762528.2405 ft **EASTING** 753815.9042 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense to dense, WELL GRADED GRAVEL WITH SILT AND SAND, few silt, few rock fragments, fine to coarse grained, moist, brown to blackish brown, subangular	14
				Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, with coarse gravel, few silt, fine to medium grained, moist, black to brown, trace powdered red Brick	19.9
2.5				No Recovery	
				Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, with coarse gravel, few silt, fine to medium grained, moist, black to brown, trace powdered red Brick	
5.0		SSHS-B974-SUB-4-6			22.1
				Wood pieces	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, with fine to medium gravel, medium to coarse grained, moist, dark brown to black, subangular	
		SSHS-B974-SUB-6-8		Loose, SILTY SAND WITH GRAVEL, fine to medium grained, moist, brown to blackish brown, gravel is subangular to rounded	16.1
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B975

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762538.6397 ft **EASTING** 753794.852 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
		SSHS-B975-SUB-0-2		Medium dense, WELL GRADED GRAVEL WITH SAND, fine to medium sand, with fine gravel, moist, brown, angular gravel	17.3
				Becomes trace black shiny material (ash), with powdered yellow brick	
				No recovery	
2.5		SSHS-B975-SUB-2-4		WELL GRADED GRAVEL, fine to coarse gravel, with fine to medium sand, moist, angular to subangular gravel, few broken rock fragments	19.3
				Becomes dark brown to black, slight hydrocarbon odor	
5.0		SSHS-B975-SUB-4-6			26.7
				Pulverized red brick	
		SSHS-B975-SUB-6-8		Stiff, FAT CLAY WITH SAND, fine sand, gray, high plasticity, hydrocarbon ordor, slight sheen	30
7.5				No recovery	
				Stiff, FAT CLAY WITH SAND, fine sand, gray, high plasticity, hydrocarbon ordor, slight sheen	
				Powdered red brick pieces	
		SSHS-B975-SUB-8-10		Medium dense, WELL GRADED SAND WITH GRAVEL, fine gravel, trace silt, moist, dark brown to black, rounded gravel, hydrocarbon odor	90.6
				Crushed concrete	

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BORING B975

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Medium dense, WELL GRADED GRAVEL WITH SAND, trace silt, moist, dark brown, slight hydrocarbon odor	
		SSHS-B975-SUB-10-12		Crushed yellow brick	
				Medium dense, WELL GRADED GRAVEL WITH SAND, trace silt, moist, dark brown with green, few crushed gravel	77.3
				No recovery	
12.5				Becomes medium dense	
		SSHS-B975-SUB-12-14		Becomes brown	101
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B976

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762771.9595 ft **EASTING** 753666.6111 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, WELL GRADED GRAVEL, coarse grained, dry, gray, subangular	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few fine sand, fine to coarse grained, moist, brown, subangular	182
				Soft to medium stiff, SILT, moist, brown	
				Medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, few rock fragments, fine grained, moist, brown to dark brown	
				Medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, few rock fragments, fine grained, moist, light brown	79.1
2.5				Black shiny material (ash)	2.5
				No Recovery	
5.0				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine gravel, few black shiny material (ash), few rock fragments, medium to coarse grained, moist, yellowish brown to dark blackish brown	72.9 5.0
		SSHS-B976-SUB-6-8		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine gravel, few black shiny material (ash), few rock fragments, medium to coarse grained, moist, dark blackish brown to brown	96
7.5				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine gravel, few black shiny material (ash), few rock fragments, medium to coarse grained, moist, reddish brown	7.5
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine gravel, trace silt, few rock fragments, medium to coarse grained, moist, yellowish brown	
				Bottom of borehole at 8.0 feet.	

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BORING B977

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762662.1802 ft **EASTING** 753792.9459 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				WELL GRADED GRAVEL WITH SILT AND SAND, with fine sand, few silt, dry to moist, light yellowish brown to dark brown	92.7
				No Recovery	104
2.5					
		SSHS-B977-SUB-4-6		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, trace black shiny material (ash), with medium to coarse sand, moist, brown to blackish brown, rounded	83.3
5.0				No Recovery	
		SSHS-B977-SUB-6-8		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few fine to medium sand, trace rock fragments, fine to coarse grained, dry to moist, light brown, rounded	
				Black shiny material (ash)	26.1
				WELL GRADED SAND WITH SILT AND GRAVEL, few silt, some fine to medium gravel, fine to medium grained, moist to wet	
7.5				No Recovery	
		SSHS-B977-SUB-8-10		WELL GRADED SAND WITH SILT AND GRAVEL, few silt, some fine to medium gravel, fine to medium grained, moist to wet	30.7
				Rock fragments	
				No Recovery	

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BORING B977

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B977-SUB-10-12		Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, with fine to coarse gravel, few silt, fine to medium grained, moist to wet, brown to dark brown	16.7
				No Recovery	
12.5		SSHS-B977-SUB-12-14		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, with fine gravel, few sand, trace rock fragments, moist, brown, few silt	13.9
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B978

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762555.6039 ft **EASTING** 753755.8777 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				WELL GRADED GRAVEL WITH SAND, coarse gravel, some fine to coarse sand, moist, brown	
				Becomes medium dense, fine to medium sand, dark brown	35.6
2.5					23.2
				No recovery	
				Medium dense, WELL GRADED GRAVEL WITH SAND, fine to medium sand, moist, dark brown	
5.0					134
				Becomes Hydrocarbon odor, visible sheen	
				Becomes loose, dark brown to black	
				Pulverized concrete	
		SSHS-B978-SUB-6-8		Medium dense, WELL GRADED GRAVEL WITH SAND, fine to coarse gravel, some fine to medium sand, moist, dark green brown, gravel is subangular	77.4
7.5				No recovery	
		SSHS-B978-SUB-8-10		Loose, dry, broken concrete	77.2
				Medium dense, WELL GRADED SAND, moist, dark yellow to brown	

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BORING B978

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0					
		SSHS-B978-SUB-10-12		Dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, few gravel, dry to moist, yellow brown, subangular to rounded gravel, trace pulverized concrete	87.6
				Becomes medium dense, dark black to black	
12.5		SSHS-B978-SUB-12-14			57.5
12.5				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B979

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762648.6228 ft **EASTING** 753644.0735 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, few silt, some fine to medium sand, fine to coarse grained, moist, brown, subangular	139
2.5				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, few silt, some fine to medium sand, fine to coarse grained, moist, black to brownish black, subangular, hydrocarbon odor	20.6
				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, few silt, some fine to medium sand, fine to coarse grained, moist, brownish black to reddish brown, subangular, hydrocarbon odor	143
5.0				Loose, POORLY GRADED SAND, few fine gravel, medium grained, moist	96.4
				No Recovery	
7.5				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few silt, few rock fragments, fine to coarse grained, moist, brownish black to black, subangular	128
				Loose, POORLY GRADED SAND WITH GRAVEL, few fine gravel, medium grained, moist, gray	
				No Recovery	

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BORING B979

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B956-SUB-10-12		WELL GRADED GRAVEL WITH SAND, some fine to coarse gravel, few silt, few rock fragments, moist to wet, black to brownish black, hydrocarbon odor	124
		Repeated refusal (X3) consistently at 12'. Boring terminated at 12'.		No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B980

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762725.9776 ft **EASTING** 753669.5928 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, few rock fragments, fine to medium grained, moist, brown to dark brown	50.8
2.5				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, few rock fragments, fine to medium grained, moist to wet, brown to dark brown	96.8
				No Recovery	
5.0				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, few black shiny material (ash), few rock fragments, fine to medium grained, moist to wet, dark brown to black	250
				Loose to very loose, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, few rock fragments, fine to medium grained, moist to wet, brown to dark brown	
				Medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, few rock fragments, fine to medium grained, moist to wet, brown to dark brown	
		SSHS-B980-SUB-6-8			101
7.5				WELL GRADED SAND WITH GRAVEL, some coarse gravel, trace silt, few rock fragments, fine to medium grained, moist, yellowish brown	
				WELL GRADED SAND WITH GRAVEL, some coarse gravel, trace silt, few rock fragments, fine to medium grained, moist, yellowish brown	
				WELL GRADED SAND WITH GRAVEL, some coarse gravel, trace silt, few rock fragments, fine to medium grained, moist, yellowish brown	77.9

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BORING B980

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				WELL GRADED SAND WITH GRAVEL, some coarse gravel, trace silt, few rock fragments, fine to medium grained, moist, yellowish brown *(continued)*	49.1
				No Recovery	
12.5		SSHS-B980-SUB-12-14		Loose, WELL GRADED GRAVEL WITH SAND, some fine sand, trace silt, moist to wet, brown to yellowish brown, subangular	137
				No Recovery	

Bottom of borehole at 14.0 feet.

10.0

12.5

15.0

17.5

20.0

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BORING B981

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762632.9857 ft **EASTING** 753776.4567 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace rock fragments, moist, brown to blackish brown, angular	841
2.5		SSHS-B981-SUB-2-4		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, trace rock fragments, trace silt, fine to coarse grained, moist, dark brown to blackish brown, angular	449
				No Recovery	
		SSHS-B981-SUB-4-6		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, few rock fragments, fine to medium grained, moist, brown to blackish brown	
				Crushed powdered red Brick	260
5.0				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, few silt, few fine gravel, wet, brown, gravel is rounded	
				No Recovery	
		SSHS-B981-SUB-6-8		Very loose, WELL GRADED GRAVEL WITH SAND, with medium to coarse sand, trace black shiny material (ash), coarse grained, moist, brown, rounded, few crushed Brick pieces	169
				No Recovery	
7.5		SSHS-B981-SUB-8-10		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace silt, fine to coarse grained, moist, dark brown to blackish brown, rounded, trace crushed red Brick	174
				Black shiny material (ash)	
				No Recovery	

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BORING B981

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B981-SUB-10-12		Loose to very dense, WELL GRADED GRAVEL WITH SAND, trace rock fragments, some medium to coarse sand, fine to coarse grained, moist, trace crushed red Brick	
				Soft to medium soft, FAT CLAY, moist, blackish gray	449
				No Recovery	
12.5		SSHS-B981-SUB-12-14		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, trace rock fragments, fine to medium grained, moist	
				Becomes brownish olive to brown	
				Becomes moist to wet, brown	124
				Rock fragments	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, trace rock fragments, fine to medium grained, moist	
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B982

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762647.0175 ft **EASTING** 753747.2071 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace silt, trace black shiny material (ash), fine to coarse grained, moist to wet, brown to blackish brown	62.3
				Black shiny material (ash), moist	
				Loose, WELL GRADED GRAVEL, few sand, moist, gray to brown, rounded	
2.5		SSHS-B982-SUB-2-4		Medium dense to dense, WELL GRADED GRAVEL WITH SILT AND SAND, some fine to medium sand, few silt, moist to wet, brownish black to black to brownish olive	20.1
				No Recovery	
		SSHS-B982-SUB-4-6		Loose to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace black shiny material (ash), moist, blackish brown to dark brownish olive, subangular	22.4
5.0				No Recovery	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B983

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762665.4784 ft **EASTING** 753725.1996 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose, WELL GRADED GRAVEL WITH SAND, with sand, fine grained, moist, brown, sand is uniform	73.7
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, some fine gravel, moist, brown to blackish brown	
				No Recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, with sand, moist, brown, rounded, sand is uniform	
				Becomes black	
2.5		SSHS-B983-SUB-2-4		Loose, SILTY SAND WITH GRAVEL, some silt, few fine gravel, wet, dark brown	113
				Medium dense, WELL GRADED SAND WITH GRAVEL, few silt, some gravel, moist, brown, gravel is subangular to rounded	
				Rock fragments	
				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, trace silt, some fine to medium sand, moist, brown to blackish brown, rounded	
				Black shiny material (ash)	
5.0		SSHS-B983-SUB-4-6		Medium dense to dense, with coarse gravel, trace silt, fine grained, moist, yellowish brown	135
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B984

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762719.1023 ft **EASTING** 753826.6213 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few rock fragments, some fine to medium sand, trace silt, fine to coarse grained, moist, brown to dark brown	23.6
2.5				No Recovery	29.3
		SSHS-B984-SUB-4-6		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, few rock fragments, some fine to medium sand, trace silt, moist, brown to dark brown	18.5
5.0				No Recovery	
		SSHS-B984-SUB-6-8		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some rock fragments, few fine sand, fine grained, moist, black to dark brown	
				Soft, FAT CLAY WITH SAND, trace gravel, moist, yellowish brown, high plasticity	46.3
7.5				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B985

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762570.6042 ft **EASTING** 753680.2335 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, trace black shiny material (ash), few rock fragments, fine to coarse grained, moist, light brown to blackish brown	33.2
2.5				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, fine to medium grained, moist, light brown to dark brown	5.1
				No Recovery	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, some fine to coarse gravel, fine to medium grained, moist, brown to dark brown	
5.0		SSHS-B985-SUB-4-6		Rock fragments, dry	4.7
				Loose to medium dense, WELL GRADED SAND, few fine gravel, fine to coarse grained, moist, light brown	
				FAT CLAY, moist, grayish brown, high plasticity	
				WELL GRADED SAND, few gravel, trace silt, fine grained, moist, black to brown	
		SSHS-B985-SUB-6-8 2" overdrilled, discarded		Medium stiff to stiff, SANDY LEAN CLAY WITH GRAVEL, some silt, few fine gravel, some rock fragments, medium to coarse grained, moist, blackish brown to black, medium plasticity	10.5
7.5				Medium stiff to stiff, SANDY LEAN CLAY WITH GRAVEL, some silt, few fine gravel, some rock fragments, medium to coarse grained, moist, black	
				No Recovery	

Bottom of borehole at 8.0 feet.

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BORING B986

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762558.5964 ft **EASTING** 753729.0684 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, moist, brown, gravel is subangular	44.2
				No recovery	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, moist, brown, gravel is subangular	
2.5				Becomes dark olive to black, slight hydrocarbon odor	
		SSHS-B986-SUB-2-4			62.2
				Becomes dark brown to brown, with trace fine grain brick	
5.0		SSHS-B986-SUB-4-6			66.1
				Becomes dark brown to black, hydrocarbon odor	
		SSHS-B986-SUB-6-8			76.2
7.5				Broken and pulverized red brick	
				WELL GRADED SAND, medium to coarse sand, trace gravel, few silt, moist, black, few brick fragments, slight hydrocarbon odor	
				Becomes light brown, no hydrocarbon odor	
		SSHS-B986-SUB-8-10		Becomes black, hydrocarbon odor and sheen	163
		Repeated refusal (X3) at		Bottom of borehole at 10.0 feet.	

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BORING B986

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		10'. Boring terminated.			
12.5					
15.0					
17.5					
20.0					

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BORING B987

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762586.1534 ft **EASTING** 753863.3844 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, brown, Topsoil	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace silt, few rock fragments, fine to coarse grained, moist, brown to black, subangular	19.7
2.5					22.8
				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, dark blackish brown to black, subangular	16.6
5.0				Dry, crushed powdered Concrete	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, dark blackish brown to black, subangular	18.4
7.5				No Recovery	
		SSHS-B987-SUB-8-10		Loose, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, dark brown, subangular	17.1
				Crushed powdered Concrete	
				No Recovery	

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BORING B987

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Loose, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, dark brown, subangular	
		SSHS-B987-SUB-10-12		Rock fragments, crushed brick pieces	13.5
				No Recovery	
				Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B988

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762564.7608 ft **EASTING** 753852.7151 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, brown, Topsoil	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, fine to coarse grained, moist, brown	23.1
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, few black shiny material (ash), fine to coarse grained, moist, dark black to black	26.2
2.5				No Recovery	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, few black shiny material (ash), fine to coarse grained, moist, blackish brown to light brown	23
5.0				Powdered red Brick	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, few black shiny material (ash), fine to coarse grained, moist, blackish brown to light brown	22.1
				Powdered Concrete	
7.5				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, few black shiny material (ash), fine to coarse grained, moist, blackish brown to light brown	
				No Recovery	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, few black shiny material (ash), fine to coarse grained, moist, dark brown	
				Powdered Concrete	
		SSHS-B988-SUB-8-10		Medium dense, WELL GRADED SAND WITH GRAVEL, few fine gravel, fine to medium grained, moist, dark brown to black	21
				Dry, broken powdered Concrete	
				WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, fine to medium grained, moist, brown	
				Red Brick pieces	

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BORING B988

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B988-SUB-10-12		No Recovery Loose to medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, few rock fragments, fine to coarse grained, moist, dark brown to light brown, few crushed red Brick pieces	5
				No Recovery	

10.0

Bottom of borehole at 12.0 feet.

12.5

15.0

17.5

20.0

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BORING B989

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/5/18 **COMPLETED** 3/5/18
NORTHING 762595.1354 ft **EASTING** 753835.6646 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, trace silt, some fine to coarse gravel, moist, light brown to brown	6.1
				Becomes few black shiny material (ash), trace pulverized brick	3.9
2.5				No recovery	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, trace silt, and fine to coarse gravel, moist, light brown to brown, few black shiny material	40
5.0				Crushed red brick	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, trace silt, and fine to coarse gravel, moist, light brown to brown, few black shiny material	42
7.5				No recovery	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, medium sand, with fine gravel, dry to moist, trace crushed red brick and few subangular broken rock pieces	
		SSHS-B989-SUB-8-10		Becomes moist, dark brown to black, slight hydrocarbon odor	18.3
				Crushed concrete	

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BORING B989

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B989-SUB-10-12		Loose to medium dense, WELL GRADED SAND WITH GRAVEL, medium sand, with fine gravel, moist, black	
				Pulverized concrete	
				Medium dense to dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, with fine to coarse gravel, few peat, moist, light brown to brown, subangular to rounded sand,	32.1
10.0				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B990

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762595.2269 ft **EASTING** 753818.3166 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	REMARKS	MATERIAL DESCRIPTION
0.0		
2.5		
5.0		
7.5	Repeated refusal (X3) at 8'. As no samples were to be collected above 8' cores were discarded.	

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BORING B991

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762547.1932 ft **EASTING** 753843.4792 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, brown, Topsoil	
				Medium dense, WELL GRADED GRAVEL, some fine to medium sand, trace silt, few rock fragments, fine to coarse grained, moist, brown	23.7
2.5				Medium dense, WELL GRADED GRAVEL, some fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, brown	25.5
				No Recovery	
				Medium dense, WELL GRADED GRAVEL, some fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, brown to black	28.5
5.0				Crushed red Brick powder	
				Medium dense, WELL GRADED GRAVEL, some fine to medium sand, few black shiny material (ash), few rock fragments, fine to coarse grained, moist, brown to black	25.3
7.5				No Recovery	
				Medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, fine to medium grained, moist, brown	
		SSHS-B991-SUB-8-10		WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, fine to coarse grained, moist, brown	21.7
				Rock fragments	
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B991-SUB-10-12		WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, trace construction debris, fine to coarse grained, moist, dark brown to brown	21.9
				Crushed and powdered red Brick	
				No Recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B992

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762576.5074 ft **EASTING** 753825.39 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, few silt, few rock fragments, fine grained, moist, brown, subanguar to rounded gravel	0
				Becomes medium dense to dense, dark brown to black, crushed red brick	
2.5					0
				Becomes medium dense to dense, dry to moist, light brown	
				Becomes crushed concrete and red brick throughout	
5.0					0
					0
				No recovery	
7.5					
				Medium dense to dense, SILTY SAND WITH GRAVEL, few fine to coarse gravel, moist, brown to blackish brown, with broken red brick pieces	
		SSHS-B956-SUB-8-10			0
				Becomes light brown to dark brown, (some concrete at the bottom of push)	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B956-SUB-10-12		Becomes medium dense to loose, moist to wet	
				Becomes medium dense to loose, moist to wet	0
				Becomes medium dense, moist	
				Becomes black, trace crushed yellow brick, slight hydrocarbon odor Bottom of borehole at 12.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B993

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762654.1743 ft **EASTING** 753774.4384 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace black shiny material (ash), few rock fragments, moist, brown to dark brown	17.6
2.5				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, trace black shiny material (ash), few rock fragments, moist, brown to dark brown	18.8
					33.6
				No Recovery	
5.0					
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, trace black shiny material (ash), few rock fragments, moist, brown to dark brown	24.5
7.5				No Recovery	
					38.1

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BORING B993

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, trace fine gravel, medium to coarse grained, moist, brown	
		SSHS-B993-SUB-10-12		Soft, FAT CLAY, with silt, moist, yellowish brown, high plasticity	37.6
				Medium dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, trace rock fragments, moist, brown	
				No Recovery	
12.5		SSHS-B993-SUB-12-14		Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, with silt, some coarse gravel, few rock fragments, fine grained, wet, light brown	84
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B994

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762611.6104 ft **EASTING** 753791.4029 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some rock fragments, some fine to coarse sand, trace black shiny material (ash), fine to coarse grained, moist, brown to dark brown, subangular	0.7
2.5					0.9
				No Recovery	
				Loose to medium dense, POORLY GRADED SAND WITH SILT, some fine gravel, trace silt, few rock fragments, medium grained, moist	
		SSHS-B994-SUB-4-6		Medium dense to dense, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, trace rock fragments, moist, brown to blackish brown	2.2
5.0				Becomes moist to wet, light brown	
				Becomes moist to wet, dark brown	
				No Recovery	
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, few rock fragments, some fine gravel, fine to medium grained, moist, light brown	
		SSHS-B994-SUB-6-8		Becomes medium dense, reddish brown	9
				Becomes medium dense, light brown	
				Becomes dark brown	
7.5				Soft, LEAN CLAY, moist, yellowish brown, low plasticity	
				No Recovery	
		Repeated refusal (X3) at 8'. Boring terminated.		Bottom of borehole at 8.0 feet.	

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BORING B995

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762624.1967 ft **EASTING** 753614.3747 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, brown, topsoil	
		SSHS-B995-SUB-0-2		Medium dense, WELL GRADED GRAVEL WITH SAND, few silt, some fine to coarse gravel, few rock fragments, fine to coarse grained, moist, brown	17.2
				Medium dense, WELL GRADED GRAVEL WITH SAND, few silt, some fine to coarse gravel, few rock fragments, fine to coarse grained, moist, reddish brown	
				Medium dense, WELL GRADED GRAVEL WITH SAND, few silt, some fine to coarse gravel, few rock fragments, fine to coarse grained, moist, black	
				No Recovery	
2.5				Medium dense to loose, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, trace black shiny material (ash), fine to medium grained, moist, brown to dark brown	13.4
				No Recovery	
				Medium dense to loose, WELL GRADED SAND WITH GRAVEL, with fine to coarse gravel, few rock fragments, trace black shiny material (ash), fine to medium grained, moist, black to blackish brown	
5.0		SSHS-B995-SUB-4-6			19.7
		Repeated refusal (X3) consistently observed at 6'. Boring terminated at 6'.		No Recovery	
7.5				Refusal at 6.0 feet. Bottom of borehole at 6.0 feet.	

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BORING B996

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/1/18 **COMPLETED** 3/1/18
NORTHING 762686.7667 ft **EASTING** 753780.27 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few fine to medium sand, few silt, trace rock fragments, moist, brown to dark brown	160
				No Recovery	
2.5				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, few fine to medium sand, few silt, trace rock fragments, moist, brown to dark brown	17.5
				Rock fragments	
				No Recovery	18.4
5.0					
		SSHS-B996-SUB-6-8		COBBLES, trace gravel, dry, black and brown, angular	23.2
7.5				Medium dense, few gravel, some rock fragments, fine grained, moist, brown	
				No Recovery	
				Loose to very loose, WELL GRADED GRAVEL WITH SAND, few black shiny material (ash), few medium to coarse sand, moist, brown to black, rounded	
				Black shiny material (ash)	
		SSHS-B996-SUB-8-10		Rock fragments, dry	
				Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, with fine to coarse gravel, few silt, few rock fragments, moist, brown to blackish brown	17.7
				SILTY SAND WITH GRAVEL, some fine gravel, fine grained, brown	
				SILTY SAND WITH GRAVEL, some fine gravel, fine grained, black	

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BORING B996

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B996-SUB-10-12		Loose to very loose, WELL GRADED GRAVEL WITH SAND, some fine sand, few silt, fine to coarse grained, wet, brown to black	
				SILTY SAND, some silt, fine grained, moist to wet, yellowish brown	6.7
				Loose to medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, few rock fragments, fine to medium grained, moist, yellowish brown to brown	
10.0					
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B997

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762643.6746 ft **EASTING** 753836.0639 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to medium sand, some fine gravel, few rock fragments, moist, brown, subangular to rounded gravel	0
				No recovery	0
2.5					
				Becomes loose to medium dense, fine to medium sand, some fine gravel, few rock fragments, moist, light reddish brown to blackish brown	0
5.0				No recovery	
					0
7.5					
		SSHS-B997-SUB-8-10		Becomes medium dense, fine to medium sand, some fine gravel, few rock fragments, moist, dark brownish black to black	1.6
				No recovery	

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BORING B997

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B997-SUB-10-12		Becomes fine to medium sand, some fine gravel, few rock fragments, moist to wet, dark brownish black to black	0
				No recovery	
		SSHS-B997-SUB-12-14		Becomes fine to medium sand, some fine gravel, few rock fragments, moist to wet, dark brownish black to black	
12.5				Loose, WELL GRADED GRAVEL, few fine sand, moist to wet, dark brownish black to black, well rounded gravel with fine sand	0.4
				Pulverized concrete	
				No recovery	

Bottom of borehole at 14.0 feet.

15.0

17.5

20.0

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BORING B998

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 2/28/18 **COMPLETED** 2/28/18
NORTHING 762614.6711 ft **EASTING** 753639.4134 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, fine to coarse grained, moist, black to brown, angular, trace powdered red brick	64.1
2.5				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, fine to coarse grained, moist to wet, black to brown, angular, trace powdered red brick	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, fine to coarse grained, moist, black to brown, angular, trace powdered red brick	677
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, fine to coarse grained, wet, black to brown, angular, trace powdered red brick	
5.0				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, few rock fragments, trace black shiny material (ash), fine to coarse grained, moist, black to brown, angular, trace powdered red brick	93.4
				WELL GRADED SAND WITH GRAVEL, few fine to coarse gravel, fine to medium grained, moist, blackish brown	
				Rock fragments	
7.5				WELL GRADED SAND, some rock fragments, trace fine gravel, fine to coarse grained, wet, brown to yellowish brown	34
				Loose to medium dense, WELL GRADED GRAVEL, trace fine sand, wet, gray to brown, rounded	
		SSHS-B998-SUB-8-10		WELL GRADED GRAVEL WITH SAND, few rock fragments, trace silt, some fine to medium sand, fine to coarse grained, moist, yellow to reddish brown, rounded	3.2
				No Recovery	

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CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B998-SUB-10-12		WELL GRADED GRAVEL WITH SAND, few rock fragments, some fine sand, moist, yellow to reddish brown	28.4
				No Recovery	
12.5		SSHS-B998-SUB-12-14		WELL GRADED GRAVEL WITH SAND, few rock fragments, some fine sand, moist to wet, yellow to reddish brown	33.1
				No Recovery	

Bottom of borehole at 14.0 feet.

10.0

12.5

15.0

17.5

20.0

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BORING B998

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
22.5					
25.0					
27.5					
30.0					
32.5					

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BORING B998

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
					64.1
35.0					
37.5					
40.0					
42.5					
45.0					

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BORING B999

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/4/18 **COMPLETED** 3/4/18
NORTHING 762533.4606 ft **EASTING** 753756.5424 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	REMARKS	MATERIAL DESCRIPTION
0.0		
2.5		
5.0		
7.5	Repeated refusal (X3) at 8'. As no samples were to be collected above 8' cores were discarded.	

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BORING B1000

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762654.0142 ft **EASTING** 753630.3041 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine sand, few rock fragments, trace black shiny material (ash), moist, light yellowish brown to dark brown, subangular	18
2.5					22.7
				No Recovery	
				Medium dense to dense, WELL GRADED GRAVEL WITH SAND, some fine sand, few rock fragments, few black shiny material (ash), moist, light yellowish brown to dark brown, subangular	23.1
5.0					
				Loose, SILTY SAND WITH GRAVEL, few fine gravel, trace rock fragments, moist, yellowish brown	30.4
7.5				No Recovery	
				Loose, SILTY SAND WITH GRAVEL, few fine gravel, trace rock fragments, few black shiny material (ash), moist, yellowish brown	
				Loose, SILTY SAND WITH GRAVEL, few fine gravel, trace rock fragments, moist, yellowish brown	30.5
				No Recovery	

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BORING B1000

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Medium dense, SILTY SAND WITH GRAVEL, few fine gravel, trace rock fragments, few black shiny material (ash), moist, yellowish brown	
		SSHS-B1000-SUB-10-12		Medium dense, SILTY SAND WITH GRAVEL, few fine gravel, trace rock fragments, moist, yellowish brown	38.2
12.5		SSHS-B1000-SUB-12-14		Loose to very loose, WELL GRADED GRAVEL, trace rock fragments, wet, yellowish brown	24.5
				Bottom of borehole at 14.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B1001

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762673.0276 ft **EASTING** 753650.8645 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				ASPHALT	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace silt, fine grained, moist, brown	13.2
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace silt, few rock fragments, fine grained, moist, dark brown to blackish brown	13.2
2.5				No Recovery	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace silt, fine grained, moist to wet, blackish brown	19
5.0				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine to medium sand, trace silt, trace black shiny material (ash), fine grained, moist, brown to reddish brown	15.9
				No Recovery	
7.5				Loose, WELL GRADED GRAVEL WITH SAND, with fine sand, moist to wet, brown	
				Black shiny material (ash), moist	11.5
				Medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, moist, yellowish brown to reddish brown	
				No Recovery	

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BORING B1001

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1001-SUB-10-12		Medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, moist to wet, yellowish brown to reddish brown	10
				Medium dense, WELL GRADED SAND WITH GRAVEL, some fine gravel, trace silt, few black shiny material (ash), moist, brownish black to black	
12.5		SSHS-B1001-SUB-12-14		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, some fine sand, trace silt, fine to coarse grained, moist to wet, dark blackish brown to reddish brown, subangular	14.6
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B1002

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762537.0797 ft **EASTING** 753856.9763 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Soft, SILT, moist, brown, Topsoil	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, moist, brown, subangular	15.2
				No Recovery	
2.5		SSHS-B1002-SUB-2-4		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, trace rock fragments, moist, brown, subangular	34.7
				No Recovery	
		SSHS-B1002-SUB-4-6		Loose to medium dense, WELL GRADED GRAVEL WITH SAND, with fine to medium sand, some rock fragments, moist, dark brown to brownish black, subangular	21
5.0				No Recovery	
7.5				Bottom of borehole at 6.0 feet.	

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BORING B1004

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762639.4079 ft **EASTING** 753644.2034 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense to dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with fine to coarse sand, few silt, moist, brown, few broken rock fragments, angular to subangular gravel	12.9
2.5				Becomes black	9
				No Recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, some fine to coarse gravel, few rock fragments, moist, brown to reddish brown, subangular	
5.0		SSHS-B1004-SUB-4-6		Becomes to medium dense, trace black shiny material (ash), reddish brown to black	11.8
				Soft to medium soft, SILTY SAND WITH GRAVEL, fine gravel, moist, brown	
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B1005

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762578.9759 ft **EASTING** 753715.1193 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Wood chips(Mulch)	
				Soft, SILT, moist, brown, Topsoil	
				Loose to medium dense, WELL GRADED GRAVEL, few fine sand, few rock fragments, coarse grained, dry, angular	15
2.5				SILTY SAND, few fine gravel, few rock fragments, some silt, fine to medium grained, moist, brown to blackish brown	16
				No Recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, with fine to coarse gravel, few rock fragments, trace silt, wet, brown	
				Loose, WELL GRADED GRAVEL WITH SAND, with fine to coarse gravel, few rock fragments, trace silt, moist, brown	
5.0		SSHS-B1005-SUB-4-6		Medium dense to dense, WELL GRADED SAND WITH SILT AND GRAVEL, few silt, with fine to coarse gravel, moist, black to dark blackish brown	12.2
				Bottom of borehole at 6.0 feet.	
7.5					

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BORING B1006

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762594.4552 ft **EASTING** 753719.929 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with fine sand, few rock fragments, light brown to blackish brown	12
2.5					13.1
				No recovery	
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to medium sand, few fine gravel, few silt, moist, dark brown to blackish brown, trace crushed rock fragments	14.2
5.0				Black shiny material (ash), trace rock fragments, trace brick	
				No recovery	14.1
7.5					
				Loose to medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, few gravel, few silt, moist to wet, blackish brown to dark brown	
				Concrete (crushed)	15
				To dense, WELL GRADED GRAVEL WITH SILT AND SAND, some fine gravel, and silt, dry to moist, brown to light brown, hydrocarbon odor	

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BORING B1006

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1006-SUB-10-12		Becomes few rock fragments, hydrocarbon odor	31.7
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B1007

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762585.5393 ft **EASTING** 753744.4125 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse sand, few silt, few rock fragments, moist, brown to blackish brown	5.2
				No recovery	12.2
2.5					
				Loose to medium dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with fine to coarse sand, trace rock fragments, dry to moist, blackish brown to light greenish brown, well graded angular to subangular gravel	12.6
5.0					
					12.4
7.5				No recovery	
				Becomes few crushed red brick	14.1

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BORING B1007

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Becomes few crushed red brick *(continued)*	17.2
				No recovery	
12.5		SSHS-B1007-SUB-12-14		Becomes moist to wet, few crushed red brick	
				Becomes brown to black, hydrocarbon odor	15.3
				No recovery	
				Bottom of borehole at 14.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B1008

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 3/3/18 **COMPLETED** 3/3/18
NORTHING 762646.0014 ft **EASTING** 753789.5476 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY A. Ranna **CHECKED BY** J. Thompson
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Loose to medium dense, WELL GRADED GRAVEL WITH SAND, fine to coarse gravel, some fine sand, few rock fragments, moist, light brown to brown, subangular	12.9
				No recovery	12.2
2.5					
				Becomes loose to very loose, few crushed red brick	12.7
5.0				Soft to medium soft, SILTY SAND WITH GRAVEL, few fine gravel, moist, brown to blackish brown, angular	
				No recovery	10.8
7.5				Soft to medium soft, SILTY SAND WITH GRAVEL, few fine gravel, moist, brown to blackish brown, angular	
				Loose, WELL GRADED GRAVEL, few rock fragments, trace silt, fine grained, moist, brownish black to blackish brown, angular	
				Loose, some fine sand, few rock fragments, fine grained, moist, brownish black, subangular, powdered yellow Brick	10.5
				No recovery	

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BORING B1008

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No recovery *(continued)*	13.3
12.5		SSHS-B1008-SUB-12-14		Very loose, SILTY SAND WITH GRAVEL, fine grained, moist to wet, black, rounded, hydrocarbon odor	13.1
				Moist	
				Becomes Broken Concrete	
				No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B1009

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/24/18 **COMPLETED** 4/24/18
NORTHING 753746.154 ft **EASTING** 762586.093 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, dry, Asphalt	
				Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry, light grayish brown	21.4
				Very dense, SILTY GRAVEL WITH SAND, fine to coarse sand, moist, dark brown, low plasticity, brick	
2.5				No recovery	9.7
				Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse sand, moist to wet, dark brown	
5.0				Dense, SILTY GRAVEL WITH SAND, coarse gravel, with silt, and fine to coarse sand, dry to moist, tannish black to dark gray, low plasticity, some red brick at 6.5 ft bgs	8.9
				No recovery	8.1
7.5				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, wet, dark brown, non plastic	10.2
				Loose, WELL GRADED SAND, moist, light tan to dark brown, with slag and black shiny material	

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BORING B1009

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Loose, WELL GRADED SAND, moist, light tan to dark brown, with slag and black shiny material *(continued)*	
				Loose, WELL GRADED GRAVEL WITH SAND, coarse sand, dry, brown	
				No recovery	11.7
12.5		SSHS-B1009-SUB-12-14		Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with black shiny material (ash), wet, dark brown, brick	7.7
				No recovery	
				Loose, WELL GRADED GRAVEL WITH SAND, fine to coarse gravel, with fine to coarse sand, wet, brown	
15.0		SSHS-B1009-SUB-14-16		Dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, moist, brown, low plasticity	7.7
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B1010

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/24/18 **COMPLETED** 4/24/18
NORTHING 753746.291 ft **EASTING** 762605.637 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Loose, SILTY GRAVEL, fine to coarse gravel, dry, light gray	
				SANDY SILT WITH GRAVEL, fine sand, with silt, and fine gravel, dry to moist, dark brown	4.8
2.5				No recovery	2.4
				Dense, SANDY SILT WITH GRAVEL, fine sand, with silt, and fine gravel, dry to moist, yellow and red brick	
5.0				LEAN CLAY, moist, dark brown, high plasticity, interbedded with black shiny coarse material	2
				Dense, SILTY GRAVEL, fine to coarse gravel, with silt, moist, dark brown, low plasticity, black shiny material	4.2
7.5				No recovery	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, moist, dark brown, low plasticity	
				Loose, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, dry, dark brown	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, moist, dark brown, low plasticity	3.5
				No recovery	

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BORING B1010

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, moist, brown to dark brown, low plasticity	
		SSHS-B1010-SUB-10-12		Very stiff, LEAN CLAY, moist, dark brown, medium plasticity	6.9
				No recovery	
12.5				Stiff, SANDY LEAN CLAY, clay, with fine to coarse sand, moist, dark brown, medium plasticity	
		SSHS-B1010-SUB-12-14		Dense, CLAYEY GRAVEL WITH SAND, coarse gravel, and clay, with fine to coarse sand, dry to moist, dark brown	6.4
				CLAYEY GRAVEL, coarse gravel, and clay, with fine to coarse sand, wet, brown to dark brown, medium plasticity	
15.0				Bottom of borehole at 14.0 feet.	
17.5					
20.0					

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BORING B1011

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753853.884 ft **EASTING** 762566.964 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, moist, tan brown, non plastic, roots present	
		SSHS-B1011-SUB-0-2		Dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, light tan orangeish brown, non plastic	2.1
2.5				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, tan brown, non plastic, @ 2.25 ft color becomes darker	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine gravel, dry to moist, dark brown, red brick and black shiny material, hydrocarbon odor	3
5.0				No recovery	6.4
				Wood	
				Very stiff, SANDY SILT, moist, dark brown, non plastic, red brick present	4.6
7.5				Loose, dry, light gray, pulverized concrete	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, moist, dark brown, wood present, brick, and staining	7.2
				No recovery	

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BORING B1011

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		SSHS-B1011-SUB-10-12		Loose, SILTY SAND, dry to moist, dark brown, red brick, black shiny material, slight hydrocarbon odor, concrete, and wood	4.9
12.5		SSHS-B1011-SUB-12-14		Loose, WELL GRADED SAND, moist, sand mixed with abundant red brick	
				Concrete	2.4
				Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine to coarse sand, moist, dark brown, low plasticity	
				No recovery	

Bottom of borehole at 14.0 feet.

10.0

12.5

15.0

17.5

20.0

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BORING B1012

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753845.881 ft **EASTING** 762549.54 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Dense, SILT, moist, brown, non plastic, with grass roots	
			WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with fine to medium gravel, dry to moist, tan brown, non plastic	4.2
2.5			Becomes dark brown, more silt and finer sand	4.5
			No recovery	
			Dark brown, Fill (crushed pink and yellow brick)	
5.0			WELL GRADED SAND WITH SILT, dry to moist, brown to dark brown	5.4
			Red brick	
			Dark gray, old asphalt pavement (Fill)	
7.5			CLAYEY SAND WITH GRAVEL, fine to coarse sand, with clay, and fine to coarse gravel, brown to dark brown, hydrocarbon odor	10.6
			Medium dense, WELL GRADED SAND WITH SILT, medium to coarse sand, with silt, and fine to coarse gravel, dry to moist, dark brown, Red brick, black shiny material	5.6
			Red brick	

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BORING B1012

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
			Red brick *(continued)*	10.0
			No recovery (Hit refusal at 11 ft)	5.5
			Refusal at 11.0 feet. Bottom of borehole at 11.0 feet.	
12.5				
15.0				
17.5				
20.0				

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BORING B1013

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753868.201 ft **EASTING** 762586.926 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Stiff, SILT, moist, brown, non plastic, roots present	
			WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with fine to medium gravel, and silt, moist, brown	3.3
2.5			Dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry to moist, dark brown, low plasticity	5
			No recovery	
			Dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry to moist, dark brown, low plasticity	
			Soft, SILTY SAND, dry, brown	
5.0			WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse sand, dry to moist, dark brown to gray	3.4
			No recovery (Attempted boring 3 times, hitting refusal at 7 ft each time)	4.8
7.5			Refusal at 7.0 feet. Bottom of borehole at 7.0 feet.	

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BORING B1014

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753828.5114 ft **EASTING** 762577.7566 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				To loose, moist, Asphalt	
				Medium dense, SILTY GRAVEL WITH SAND, fine gravel, dry to moist, orangeish tan, non plastic	3.2
				WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with clay, and fine to coarse sand, dark brown, medium plasticity, red brick and wood present	
2.5				No recovery	1.8
				WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse gravel, dry to moist, yellowish tan to dark orangeish brown, low plasticity, brick, wood, and staining	
5.0		SSHS-B1014-4-6		No recovery	4.7
				Dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with silt, and fine to coarse sand, wet, dark tannish brown, low plasticity, soil appears stained	
		SSHS-B1014-6-8			1.5
7.5				Very dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with silt, and fine to coarse sand, wet, dark tannish brown, red brick, appears lightly stained	
		SSHS-B1014-8-10			0.9

Refusal at 10.0 feet.
Bottom of borehole at 10.0 feet.

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BORING B1015

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753840.095 ft **EASTING** 762595.497 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, moist, dark gray, Asphalt	
				Medium dense, SILTY GRAVEL WITH SAND, fine to medium gravel, with silt, and fine to coarse sand, dry, light tan brown, low plasticity, some staining and red brick	3.2
2.5				CLAYEY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to medium gravel, moist, dark brown, low plasticity, black staining	3.1
				No recovery	
				CLAYEY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to medium gravel, moist, dark brown, low plasticity, black staining, abundant sand size ash material	3.4
5.0				Dense, dry to moist, tan to dark grayish brown	
				Concrete (Hit refusal at approximately 8 ft, stepped off)	3.3
7.5				No recovery	
				Dense, CLAYEY SAND WITH GRAVEL, fine to coarse sand, with clay, and fine gravel, moist, dark brown, some small red brick fragments	
				Dense, SILTY GRAVEL WITH SAND, moist, dark brown, some staining, red brick	3.9

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BORING B1015

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Dense, SILTY GRAVEL WITH SAND, moist, dark brown, some staining, red brick *(continued)*	
				Yellow brick	
				Dense, SILTY SAND WITH GRAVEL, coarse sand, moist to wet, dark brown to black, non plastic, red brick	2.9
				Stiff, FAT CLAY, gray, high plasticity	
12.5				Loose, gray, old concrete	
		SSHS-B1015-SUB-12-14		Dense, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with silt, and fine to coarse sand, dry to moist, tan brown, non plastic, hydrocarbon odor	2.9
				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, fine to coarse gravel, with silt, and fine to coarse sand, wet, dark grayish brown	
15.0		SSHS-B1015-SUB-14-16		Becomes light brown	3
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B1016

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/24/18 **COMPLETED** 4/24/18
NORTHING 753669.544 ft **EASTING** 762748.119 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES Hit refusal at 10 ft (stepped off once)

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, dry to moist, dark brown, non plastic	
				Dense, SILTY SAND WITH GRAVEL, fine to medium gravel, moist, dark brown, low plasticity	1.1
				Medium dense, WELL GRADED SAND WITH GRAVEL, medium to coarse sand, with fine to medium gravel, light tannish brown	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry, dark brown, abundant fill and coal material	
2.5				No recovery	4.2
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry, dark brown, abundant black shiny material	
				Dry to moist, dark brownish gray, Black shiny material (FILL), dense, fine to coarse sand size	4.2
5.0				LEAN CLAY WITH GRAVEL, fine to coarse gravel, and black shiny material (ash), dry to moist, dark gray to brown, medium plasticity	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, and black shiny material (ash), dry to moist, orangeish brown	
				No recovery	3.2
7.5				Dense, SILTY SAND WITH GRAVEL, fine sand, dry to moist, brown to orangeish brown, low plasticity, interbedded black shiny material	
				No recovery	4.3

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BORING B1016

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1016-SUB-10-12		Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, orange, low plasticity	7.8
				SANDY LEAN CLAY, wet, dark gray, high plasticity	
12.5		SSHS-B1016-SUB-12-14		Loose, WELL GRADED GRAVEL, fine to coarse gravel, wet, dark gray, fines have high plasticity	4.3
				CLAYEY GRAVEL WITH SAND, fine to coarse gravel, with clay, and fine to coarse sand, moist, orangeish brown	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B1017

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/24/18 **COMPLETED** 4/24/18
NORTHING 753843.937 ft **EASTING** 762625.961 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, little black shiny material (ash), dry to moist, light tannish brown	3.2
2.5				Becomes dark brown	4.8
				No recovery	
				Medium dense, SILTY GRAVEL WITH SAND, moist, dark brown, wood and black shiny material	6.6
5.0				No recovery	1.9
7.5				Medium dense, WELL GRADED SAND, moist, dark brown, medium plasticity, red brick	
		SSHS-B1017-SUB-8-10		Medium dense, SILTY GRAVEL WITH SAND, moist, dark brown, wood and black shiny material	5
				No recovery	

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BORING B1017

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1017-SUB-10-12		Medium dense, SILTY GRAVEL WITH SAND, moist, dark brown, low plasticity, slag material	8.2
				No recovery	
12.5		SSHS-B1017-SUB-12-14		SILTY GRAVEL WITH SAND, fine to coarse sand, moist, dark brown, medium plasticity, red brick, black shiny material, wood	5
				No recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B1018

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/24/18 **COMPLETED** 4/26/18
NORTHING 753818.575 ft **EASTING** 762637.367 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Stiff, CLAYEY SAND WITH GRAVEL, fine to coarse sand, with clay, and coarse gravel, moist, dark brown, (primarily fine sand)	5.2
2.5				No recovery	5.2
				Stiff, CLAYEY SAND WITH GRAVEL, fine to coarse sand, with clay, and coarse gravel, moist, dark brown, (primarily fine sand)	8.4
5.0				No recovery	5.6
7.5				Loose, WELL GRADED GRAVEL WITH SAND, dry, brown	
				Stiff, SANDY LEAN CLAY WITH GRAVEL, clay, with fine to coarse sand, and coarse gravel, moist, brown	3.7
				No recovery	

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BORING B1018

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Stiff, CLAYEY GRAVEL, coarse gravel, with clay, and black shiny material (ash), moist, brown, medium plasticity	
		SSHS-B1018-SUB-10-12		No recovery	6.4
12.5				Loose, WELL GRADED GRAVEL WITH SILT AND SAND, wet, brown	
		SSHS-B1018-SUB-12-14		Light gray, concrete	6.5
				No recovery (Hit refusal at 15.5 ft)	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B1018-b

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/26/18 **COMPLETED** 4/26/18
NORTHING 753818.575 ft **EASTING** 762637.367 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled blind to 10 ft	
2.5					
5.0					
7.5					

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BORING B1018-b

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1018-b-SUB-10-12		Dense, CLAYEY SAND WITH GRAVEL, fine to coarse sand, with clay, and coarse gravel, moist, dark brown, medium plasticity	
				Loose, WELL GRADED SAND, fine to coarse sand, dry to moist, dark brown	
				Dense, CLAYEY SAND WITH GRAVEL, fine to coarse sand, with clay, and coarse gravel, moist, dark brown, medium plasticity	
				Loose, WELL GRADED GRAVEL, coarse gravel	1.6
				Stiff, SANDY LEAN CLAY WITH GRAVEL, moist, dark brown, medium plasticity	
				No recovery	
				Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B1019

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753835.442 ft **EASTING** 762542.2812 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				SILT, moist, black to dark brown, non plastic	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, moist, brown, low plasticity	4.8
2.5				Dense, WELL GRADED GRAVEL WITH CLAY AND SAND, fine to coarse gravel, with clay, and medium to coarse sand, moist, dark brown	
				No recovery	4.6
				Medium dense, SILTY SAND, fine to coarse sand, with silt, dry to moist, tan to dark brown, non plastic	5.4
5.0				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, with fine to coarse gravel, moist, dark brown, low plasticity	10.7
7.5				No recovery	
				Medium dense, SILTY SAND, fine to coarse sand, with silt, dry to moist, tan to dark brown, non plastic	
		SSHS-B1019-SUB-8-10		Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, with fine to coarse gravel, moist, dark brown, low plasticity	56.9
				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, with fine to coarse gravel, moist, dark brown, wood present	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, with fine to coarse gravel, moist, dark brown	

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BORING B1019

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1019-SUB-10-12		Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, with fine to coarse gravel, moist, dark brown, wood present, hydrocarbon odor Dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, with fine to coarse gravel, moist, dark brown CLAYEY SAND, red brick Very dense, SANDY SILT WITH GRAVEL, moist, dark brown to black, Hydrocarbon odor, wood, appears stained, hit concrete at the bottom No recovery	31.3
				Refusal at 12.0 feet. Bottom of borehole at 12.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B1020

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/26/18 **COMPLETED** 4/26/18
NORTHING 753657.619 ft **EASTING** 762609.575 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, moist, brown to dark brown, non plastic, with roots	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and coarse gravel, dry to moist, tan brown	0
2.5				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and coarse gravel, dry to moist, dark brown to black, appears stained	
				No recovery	3.7
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, some black shiny material (ash), dry to moist, dark brown to black	
5.0				Dense, SANDY SILT WITH GRAVEL, SAND, some sand, and fine to coarse gravel, moist, dark greenish gray, non plastic, some local staining and red brick	6.9
				No recovery	3
7.5				SILTY SAND WITH GRAVEL, fine to coarse gravel, with black shiny material (ash), dry to moist, dark brown to black, locally stained	
		SSHS-B101-SUB-8-10		Crushed concrete	
				SILTY GRAVEL, fine to coarse grained, dry to moist, light tan to dark brown, non plastic	3.8

Bottom of borehole at 10.0 feet.

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BORING B1021

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/25/18 **COMPLETED** 4/25/18
NORTHING 753886.043 ft **EASTING** 762613.59 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Stiff, SILT, moist, brown, non plastic, with roots present	
				Medium dense, WELL GRADED SAND WITH SILT, fine to coarse sand, with silt, and fine gravel, dry to moist, tan to brown	5
2.5				Medium dense, WELL GRADED SAND WITH SILT, fine to coarse sand, with silt, and fine gravel, dry to moist, dark brown, some red brick present	5.1
				No recovery	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, dark brown, some black shale looking material	5.4
5.0					
				No recovery	5.1
7.5					
		SSHS-B1021-SUB-8-10		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, dark brown, some black shale looking material	4.4

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BORING B1021

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0		SSHS-B1021-SUB-10-12		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, dark brown	3.1 4
12.5		SSHS-B1021-SUB-12-14		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, light brown, black shale present in matrix Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, light brown, crushed pink brick present and gray pulverized concrete Becomes No crushed pink brick present No Recovery	
				Bottom of borehole at 14.0 feet.	
15.0					
17.5					
20.0					

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BORING B1022

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 4/25/18 **COMPLETED** 4/25/18 **NORTHING** 753860.736 ft **EASTING** 762543.75 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** A.Ranna

NOTES

DEPTH (ft)	RUN RECOVERY	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0			Dense, SILT, dry to moist, brown, non plastic, with grass roots present	
			Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, medium to coarse sand, with silt, and fine to coarse gravel, dry to moist, brown	5.6
2.5			Dense, SILTY GRAVEL WITH SAND, fine to coarse gravel, with silt, and fine sand, dry to moist, dark brown, black shiny material present, hydrocarbon odor	5.9
			No recovery	
			Loose, WELL GRADED GRAVEL, dry, gray, (interpreted to be concrete)	
5.0			Medium dense to medium dense, SILTY SAND WITH GRAVEL, medium to coarse sand, with silt, and fine to coarse gravel, moist, dark brown, becomes darker with depth	6.1
			No recovery	6
7.5			Medium dense, SILTY SAND WITH GRAVEL, medium to coarse sand, with silt, and fine to coarse gravel, moist, brown	
			Medium dense, SILTY SAND WITH GRAVEL, medium to coarse sand, with silt, and fine to coarse gravel, moist, light brown Becomes brown Becomes medium sand, light brown Becomes brown No recovery	4.8

Bottom of borehole at 10.0 feet.

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BORING B1023

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/26/18 **COMPLETED** 4/26/18
NORTHING 753848.291 ft **EASTING** 762575.429 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES Made a 4th attempt to drill to sample interval at 12' . Hit refusal at 12'.

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				Medium dense, SILTY SAND WITH GRAVEL, fine to coarse sand, with silt, and fine to coarse gravel, dry to moist, tan brown, non plastic	2.5
				SILTY SAND WITH GRAVEL, fine sand, with silt, and fine to coarse gravel, moist, dark brown, low plasticity, some red brick	
2.5					4.3
				WELL GRADED SAND WITH SILT AND GRAVEL, fine to coarse sand, with silt, and coarse gravel, dry to moist, dark brown, local black shiny material, red brick, and wood	
5.0					5.8
		Hit refusal on 3rd attempt at 7 ft			5.9
7.5				Medium dense, WELL GRADED SAND WITH SILT, fine to coarse gravel, moist, dark grayish tan	
				SILTY SAND, fine to coarse sand, with silt, wet, dark brown, red and yellow brick present (Hit refusal at 10ft, again at 10 ft, and hit refusal at 7 ft on 3rd attempt)	6

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BORING B1023

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
		Hit refusal twice at 10 ft		Bottom of borehole at 10.0 feet.	
12.5					
15.0					
17.5					
20.0					

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BORING B1023-b

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/26/18 **COMPLETED** 4/26/18
NORTHING 753848.128 ft **EASTING** 762589.378 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Drilled blind to 12 ft	
2.5					
5.0					
7.5					

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BORING B1023-b

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				Drilled blind to 12 ft *(continued)*	
12.5		SSHS-B1023-SUB-12-14		Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, moist, light to dark brown, staining and broken glass, with yellow and red brick	
				Medium dense, WELL GRADED SAND WITH SILT AND GRAVEL, coarse gravel, moist, light to dark brown, abundant red brick	21.6
				No recovery	
				Bottom of borehole at 14.0 feet.	

10.0

12.5

15.0

17.5

20.0

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BORING B1024

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DATE STARTED 4/25/18 **COMPLETED** 4/25/18 **NORTHING** 753809.567 ft **EASTING** 762526.17 ft

DRILLER Cascade Technical Services, LLC **GROUND ELEVATION** --- **BORING DIAMETER** 2 in

DRILLING METHOD Direct Push **TOP OF CASING ELEVATION** ---

SAMPLING METHOD 2" x 5' Macrocore **UTILITY CONTRACTOR** ---

RIG TYPE Geoprobe **LOGGED BY** E.Buelow **CHECKED BY** A.Ranna

NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Loose, dry, Asphalt	
		SSHS-B1024-SUB-0-2		WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, moist, brown to grayish brown, some red brick	6.6
				No recovery	
2.5		SSHS-B1024-SUB-2-4		WELL GRADED SAND WITH SILT AND GRAVEL, dark brown to black, appears stained	
				Dense, SILTY SAND WITH GRAVEL, fine to coarse gravel, dry to moist, tannish brown	4.1
				Dense, SILTY SAND WITH GRAVEL, coarse gravel, dry to moist, dark brown, red brick	
2.5					

Bottom of borehole at 4.0 feet.

5.0

7.5

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BORING B1025

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/26/18 **COMPLETED** 4/26/18
NORTHING 753739.916 ft **EASTING** 762576.471 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Wood, organic material	
				Stiff, SILT, dark brown, non plastic, hydrocarbon odor, with roots present	
				Medium dense, WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry to moist, brown	2.5
2.5				WELL GRADED SAND WITH CLAY AND GRAVEL, coarse gravel, moist, dark brown, slight hydrocarbon odor	1.8
				No recovery	
				Medium dense, WELL GRADED SAND WITH GRAVEL, medium to coarse sand, with fine to coarse gravel, moist, brown	3.2
5.0				Wood	
				WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark gray brown, non plastic, some crushed red brick	
				Very dense, WELL GRADED SAND WITH GRAVEL, moist, light gray to dark gray, non plastic, appears ashy, like old pavement	
				WELL GRADED SAND WITH SILT AND GRAVEL, moist, dark gray brown, wood present, hydrocarbon odor	6
7.5				No recovery	
				Stiff, SILT WITH SAND, fine to coarse sand, moist, gray brown, non plastic	
				Loose, WELL GRADED SAND WITH GRAVEL, fine gravel, dry to moist, brown to dark brown, non plastic	
				SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown to black, red brick, some black staining	3.9

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BORING B1025

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				Becomes light gray, pulverized concrete	
				SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown to black, red brick, some black staining	
				No recovery	4.1
				Medium dense, SILTY SAND WITH GRAVEL, moist, dark gray brown	
12.5				Loose, SILTY GRAVEL WITH SAND, dry, gray, local staining	2.6
				Medium dense, WELL GRADED SAND WITH CLAY AND GRAVEL, fine to coarse gravel, moist to wet, yellow brown	
		SSHS-B1025-SUB-14-16		Loose, WELL GRADED GRAVEL WITH SAND, coarse sand, saturated, brown	
15.0				No recovery	1.5
				Bottom of borehole at 16.0 feet.	
17.5					
20.0					

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BORING B1026

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/24/18 **COMPLETED** 4/24/18
NORTHING 753791.256 ft **EASTING** 762648.082 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Direct Push
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Geoprobe
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Asphalt	
				WELL GRADED SAND WITH GRAVEL, fine to coarse gravel, dry to moist, brown	5.8
				Stiff, SANDY SILT, trace fine gravel, and black shiny material (ash), moist, brown	
2.5				No recovery	5.1
				WELL GRADED GRAVEL WITH SILT AND SAND, dry to moist, dark brown, low plasticity, black shiny material, brick, concrete	
5.0				Dense, SILTY SAND WITH GRAVEL, fine gravel, moist, dark brown, low plasticity	4.1
				No recovery	1.5
7.5				Loose, WELL GRADED GRAVEL WITH SAND, fine gravel, with fine to coarse sand, dry to moist, dark brown	
				Dense, CLAYEY GRAVEL WITH SAND, fine to coarse gravel, with clay, and fine to coarse sand, moist, dark brown, medium plasticity, some dark black foreign material	1.6
				No recovery	

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BORING B1026

CLIENT Unisys **PROJECT NAME** Former Sperry Remington

PROJECT NUMBER MN0832 **PROJECT LOCATION** Elmira, New York

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
10.0				No recovery *(continued)*	7.1
				Medium dense, SILTY GRAVEL, fine to coarse gravel, moist, dark brown	
12.5		SSHS-B1026-SUB-12-14		Medium dense, SANDY SILT, fine sand, moist to wet, dark black, non plastic, appears stained, shells, organic materials	3.9
				No recovery	
		SSHS-B1026-SUB-14-16		Medium dense, SANDY SILT, coarse gravel, moist to wet, dark black	
15.0				No recovery	6.1
				Refusal at 15.5 feet. Bottom of borehole at 15.5 feet.	
17.5					
20.0					

PAULS BH / TP / WELL - WEC - MN0919.GDT - 6/7/18 13:17 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\ELMIRA - MN0832.GPJ

Geosyntec consultants

engineers | scientists | innovators

BORING B1027

CLIENT Unisys
PROJECT NAME Former Sperry Remington
PROJECT NUMBER MN0832
PROJECT LOCATION Elmira, New York
DATE STARTED 4/26/18 **COMPLETED** 4/26/18
NORTHING 753882.002 ft **EASTING** 762740.004 ft
DRILLER Cascade Technical Services, LLC
GROUND ELEVATION --- **BORING DIAMETER** 2 in
DRILLING METHOD Hand Core
TOP OF CASING ELEVATION ---
SAMPLING METHOD 2" x 5' Macrocore
UTILITY CONTRACTOR ---
RIG TYPE Hand Auger
LOGGED BY E.Buelow **CHECKED BY** A.Ranna
NOTES Refusal at 1.33'.

DEPTH (ft)	RUN RECOVERY	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0.0				Medium stiff, SILT, moist, brown, (Topsoil) roots present	
		SSHS-B1027-SUB-0-2		Medium dense, SILTY SAND WITH GRAVEL, fine sand, with coarse gravel, and construction debris, moist, brown, (brick and concrete)	1
				No recovery	
				Refusal at 1.3 feet. Bottom of borehole at 1.3 feet.	
2.5					
5.0					
7.5					

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APPENDIX D
HISTORIC WELL CONSTRUCTION LOGS

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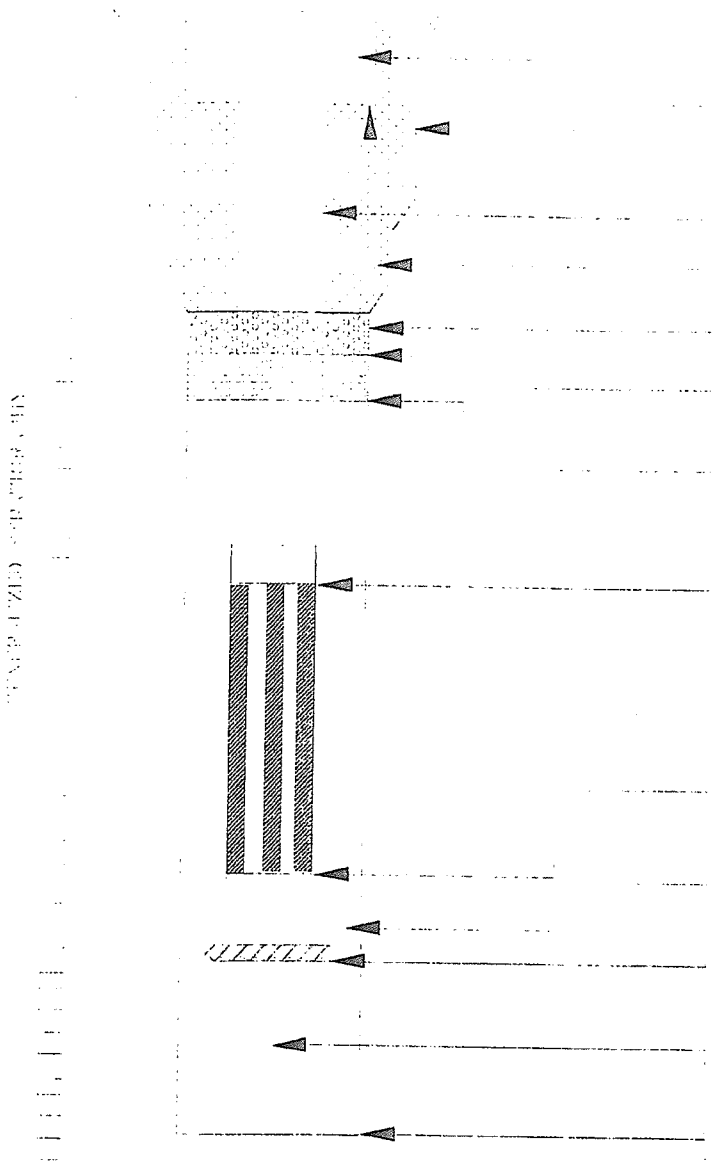
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW1
DATE COMPLETED:	12/19/96	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 852.51

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 4" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 10-1/4"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 8.0'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 10.0'
FILTER PACK MATERIAL: Morie #1 sand

TOP OF SCREEN Elevation/Depth: 12.0'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 21.5'

BOTTOM OF FILTER PACK
Elevation/Depth: 22.0'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 22.0'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 22.0'

NOTES

MATRIX
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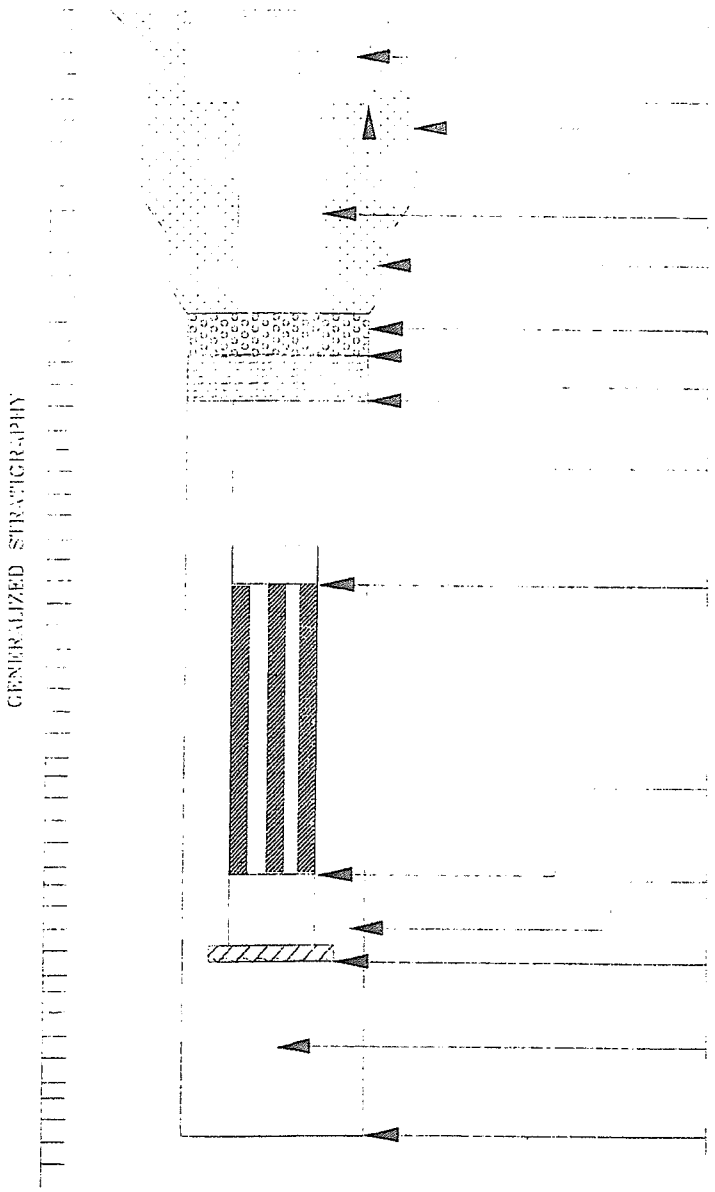
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW2
DATE COMPLETED:	12/19/96	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 852.48

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 6" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 12-1/4"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 10.0'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 12.0'
FILTER PACK MATERIAL: Morie #2 sand

TOP OF SCREEN Elevation/Depth: 15.0'
SCREEN SIZE/TYPE: .040 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 26.5'

BOTTOM OF FILTER PACK
Elevation/Depth: 27.0'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 25.0'

TYPE OF FILLER
BELOW PLUGGED BLANK: Morie #2 sand

BOTTOM OF BOREHOLE
Elevation/Depth: 27.0'

NOTES

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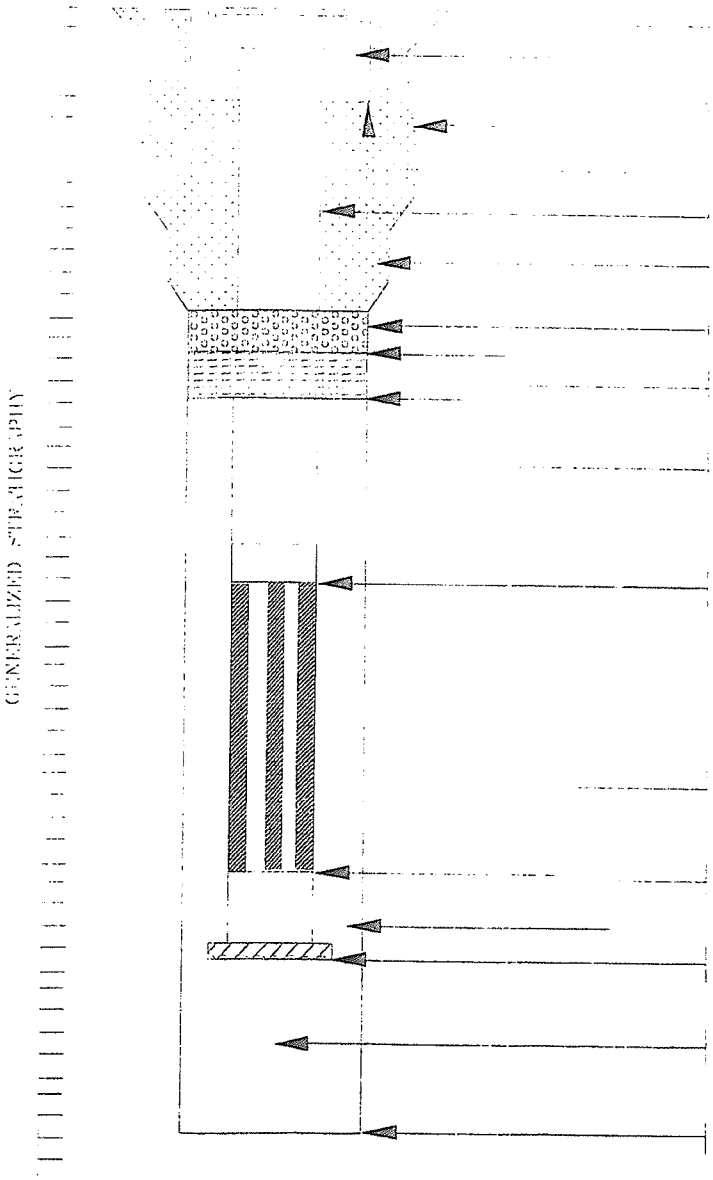
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW3
DATE COMPLETED:	12/20/96	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 852.49

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 4" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 10-1/4"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 8.0'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 10.0'
FILTER PACK MATERIAL: Morie #1 sand

TOP OF SCREEN Elevation/Depth: 12.0'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 21.5'

BOTTOM OF FILTER PACK
Elevation/Depth: 22.0'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 22.0'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 22.0'

NOTES

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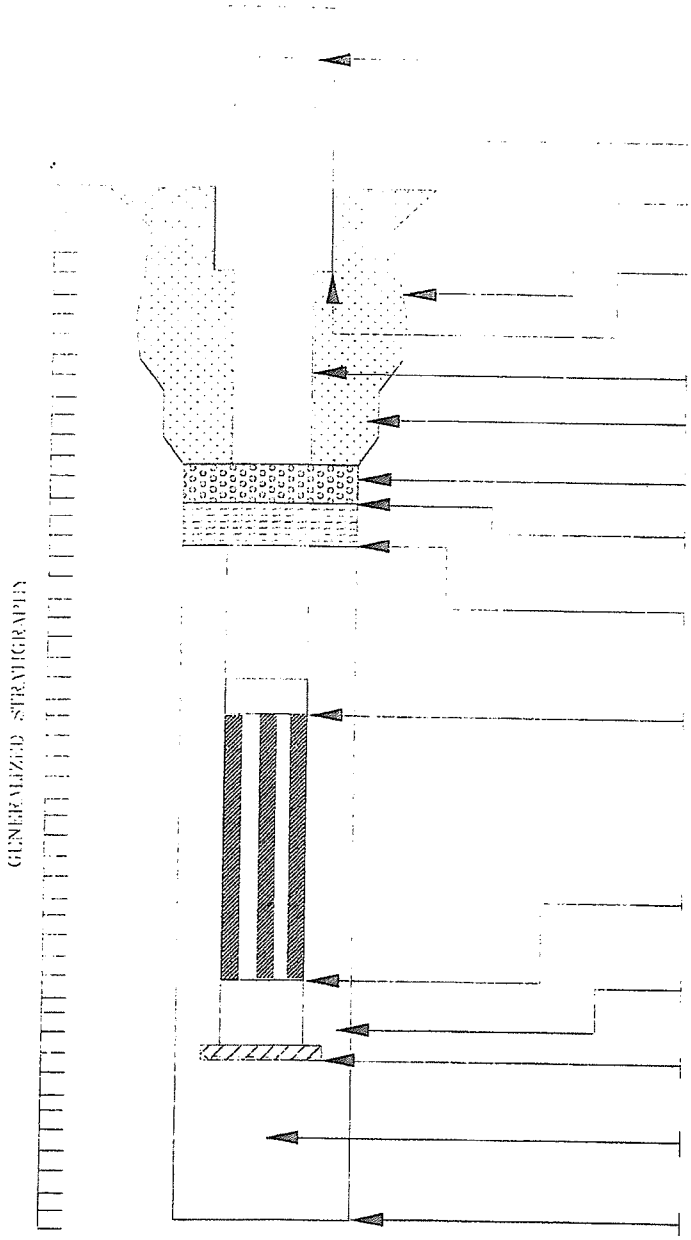
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW4
DATE COMPLETED:	4/10/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 845.96

SURFACE SEAL
Type/Depth: Concrete/2.00'

DEPTH OF SURFACE CASING: 2.00'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 6¼"

TYPE OF FILL: None

TOP OF SEAL Elevation/Depth: 2.15'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 3.15'
FILTER PACK MATERIAL: Morie #1 sand

TOP OF SCREEN Elevation/Depth: 3.65'
SCREEN SIZE/TYPE: 2" diameter .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 13.15'

BOTTOM OF FILTER PACK
Elevation/Depth: 13.65'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 13.65'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 13.65'

NOTES

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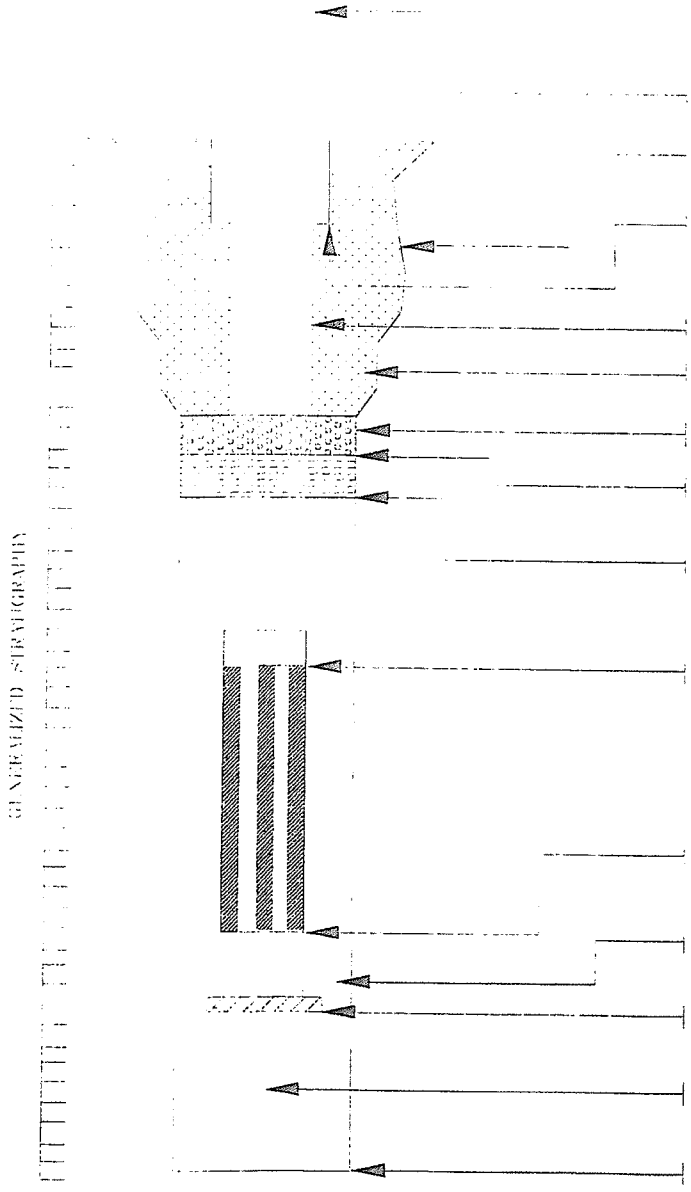
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW5
DATE COMPLETED:	4/9/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 842.20'

SURFACE SEAL
Type/Depth: Concrete/2.00'

DEPTH OF SURFACE CASING: 2.00'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 6¼"

TYPE OF FILL: None

TOP OF SEAL Elevation/Depth: 2.00'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 2.40'
FILTER PACK MATERIAL: Morie #1 sand

TOP OF SCREEN Elevation/Depth: 2.90'
SCREEN SIZE/TYPE: 2" diameter .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 12.40'

BOTTOM OF FILTER PACK
Elevation/Depth: 12.90'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 12.90'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 12.90'

NOTES

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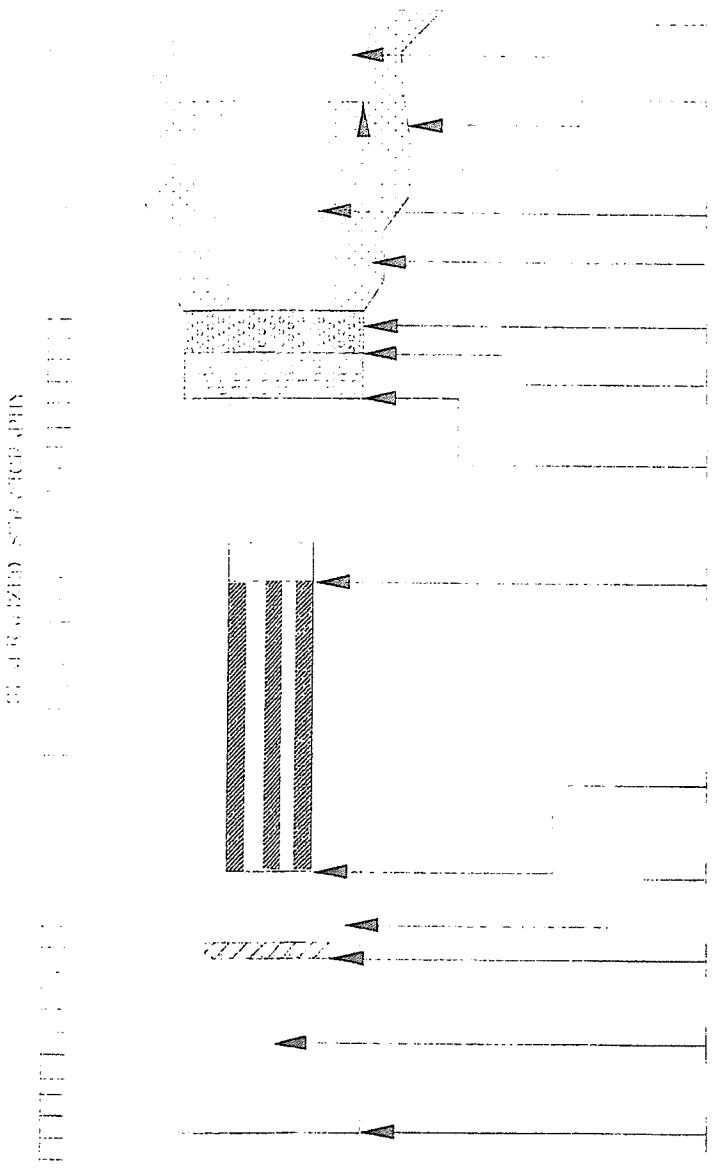
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW6
DATE COMPLETED:	11/9/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 849.68'

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: ¾" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: None

TOP OF SEAL Elevation/Depth: NA'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native

TOP OF SCREEN Elevation/Depth: 9.45'
SCREEN SIZE/TYPE: ¾" diam. .010 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 19.35'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.45'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.45'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 19.45'

NOTES

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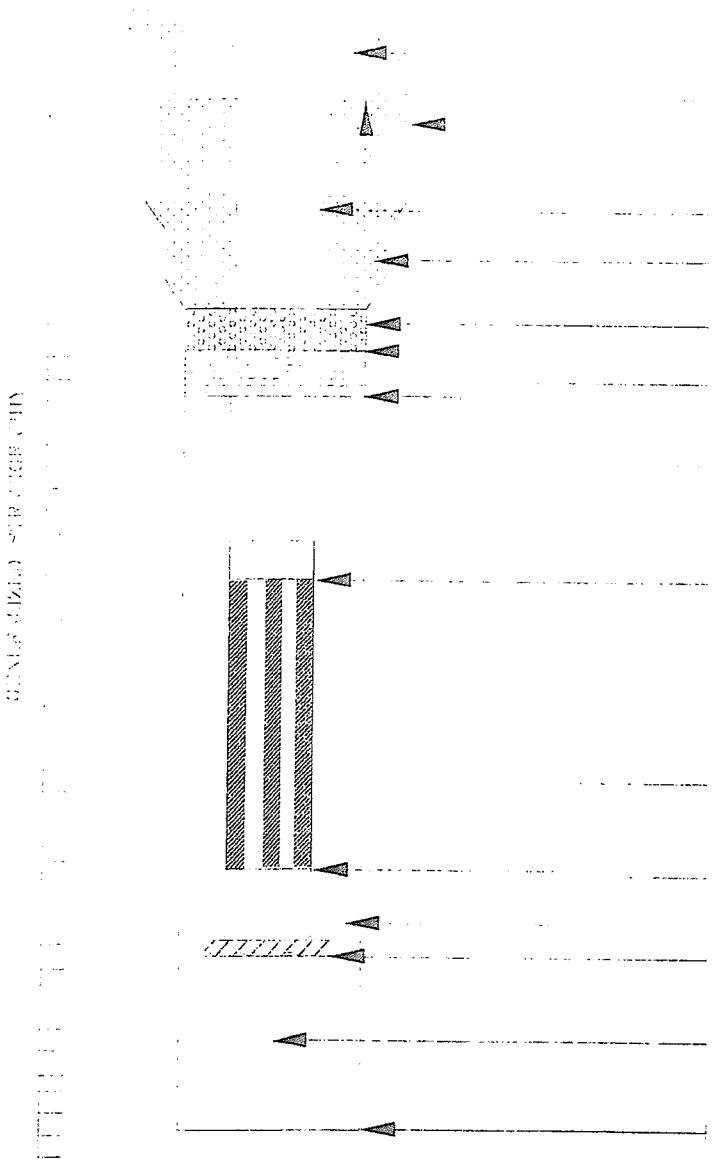
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW7
DATE COMPLETED:	12/9/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 852.21'

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: None

TOP OF SEAL Elevation/Depth: NA
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native

TOP OF SCREEN Elevation/Depth: 5.45'
SCREEN SIZE/TYPE: 3/4" diam. .010 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.45'

BOTTOM OF FILTER PACK
Elevation/Depth: 15.65'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.65'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 15.65"

NOTES

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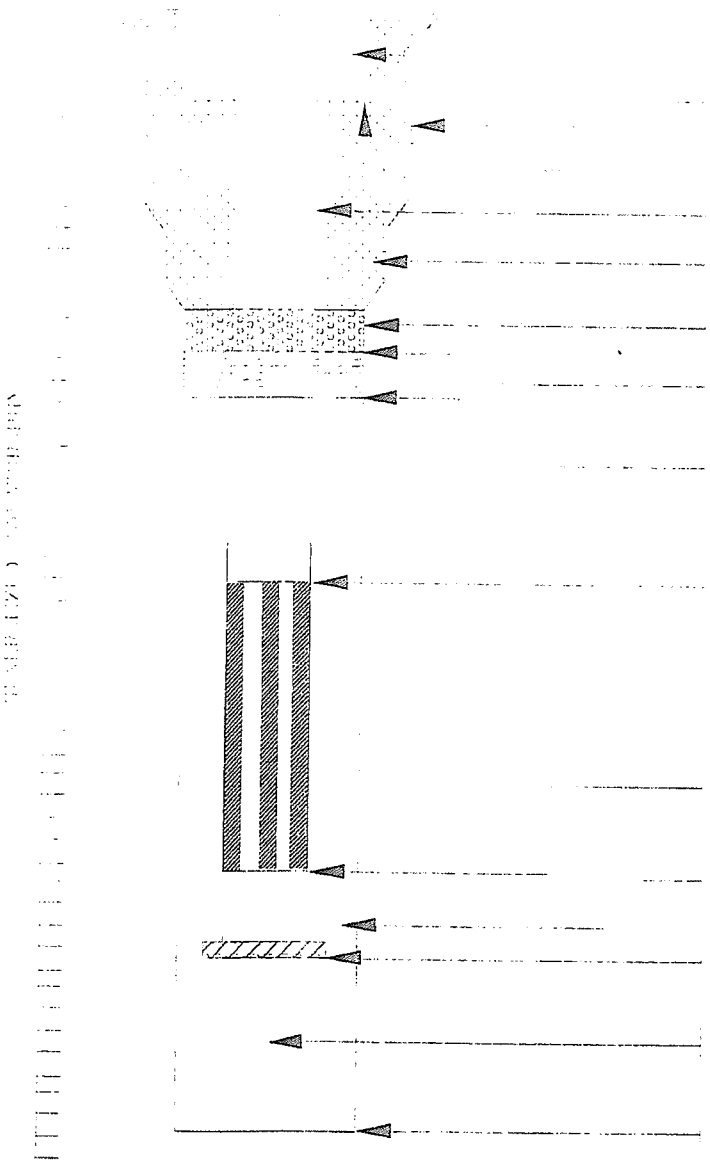
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96-020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW8
DATE COMPLETED:	12/8/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: ____

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 5.30'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 6.30'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 7.30'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 16.80'

BOTTOM OF FILTER PACK
Elevation/Depth: 18.00'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 17.30'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.00'

NOTES

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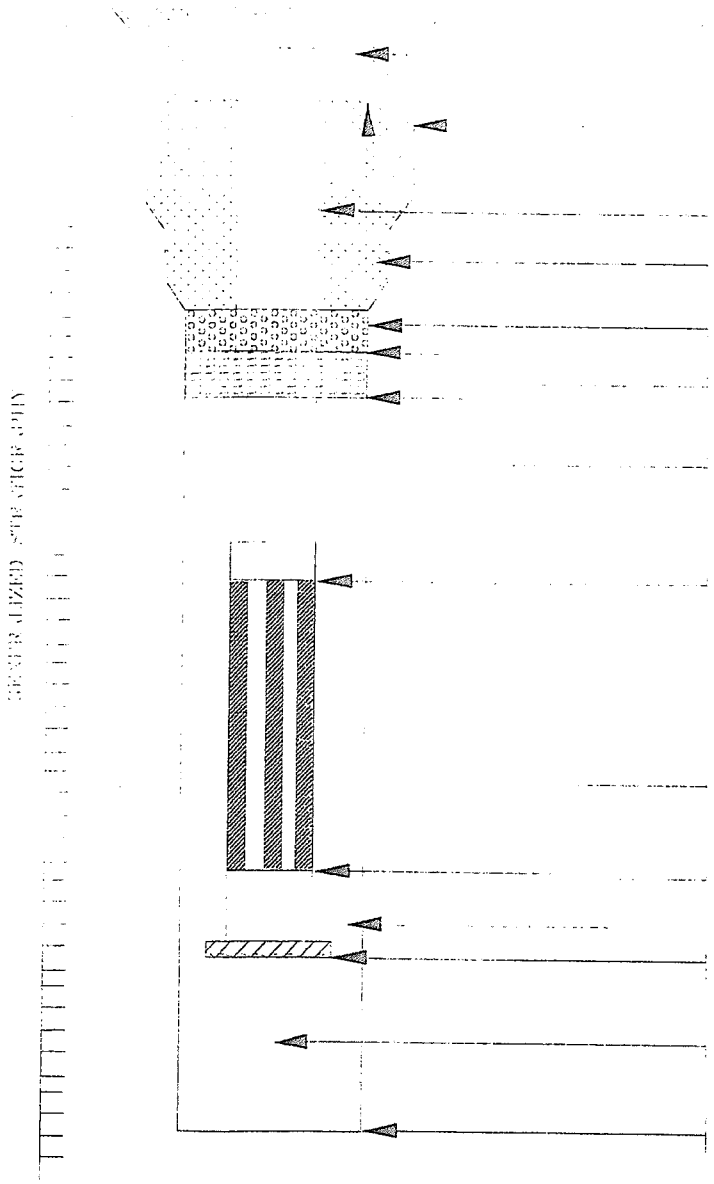
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW9
DATE COMPLETED:	12/9/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 853.66

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.00'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.00'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.00'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 18.50'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.00'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.00'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 19.00'

NOTES

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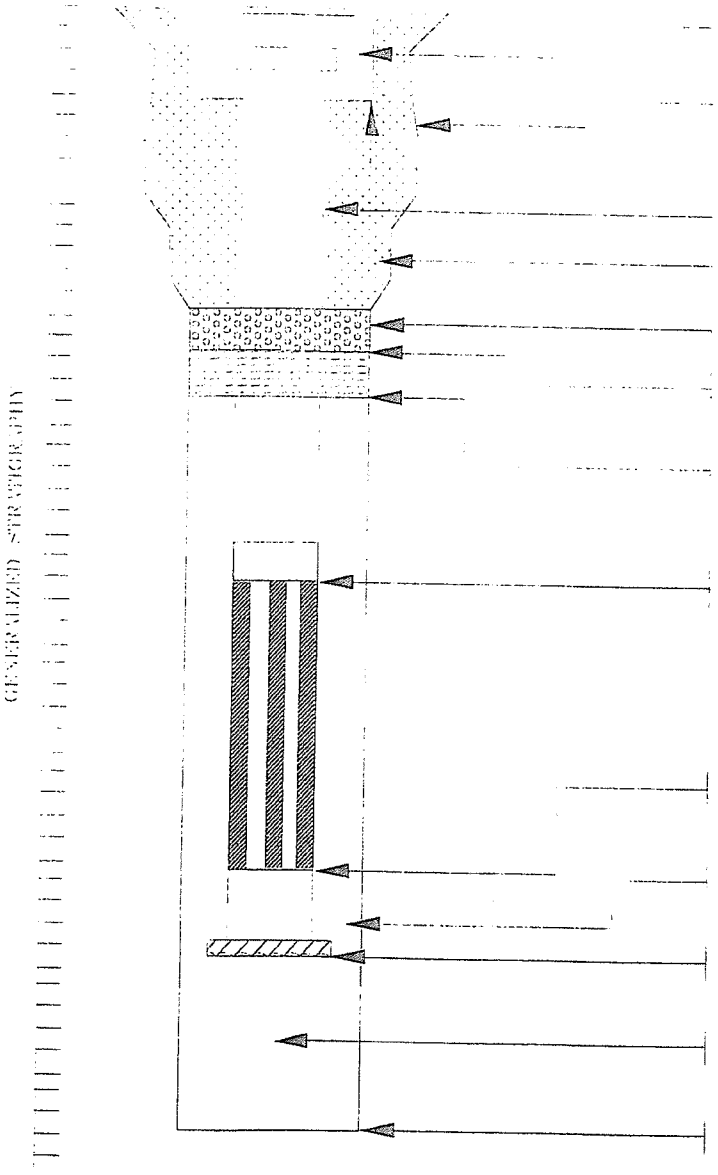
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW10
DATE COMPLETED:	12/9/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 853.04

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.00'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.00'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.00'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 18.50'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.00'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.00'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 19.00'

NOTES

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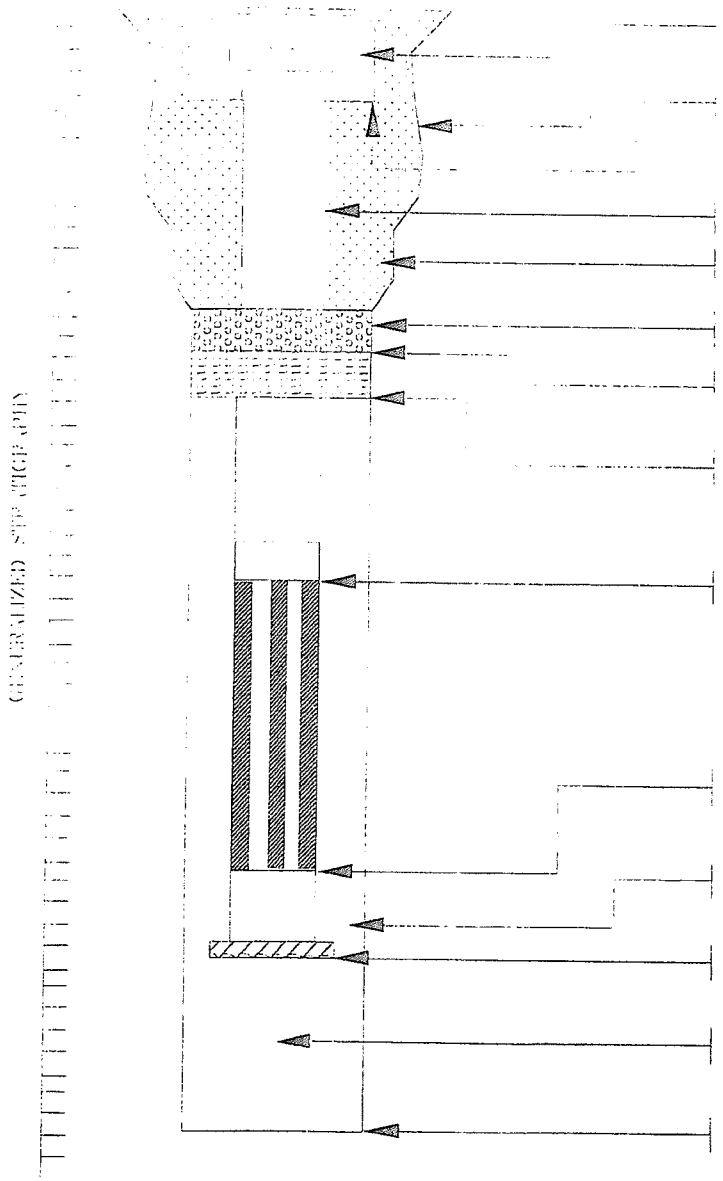
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW11
DATE COMPLETED:	12/10/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 854.53

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 19.50'

BOTTOM OF FILTER PACK
Elevation/Depth: 20.00'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 20.00'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 20.00'

NOTES

MATRIX
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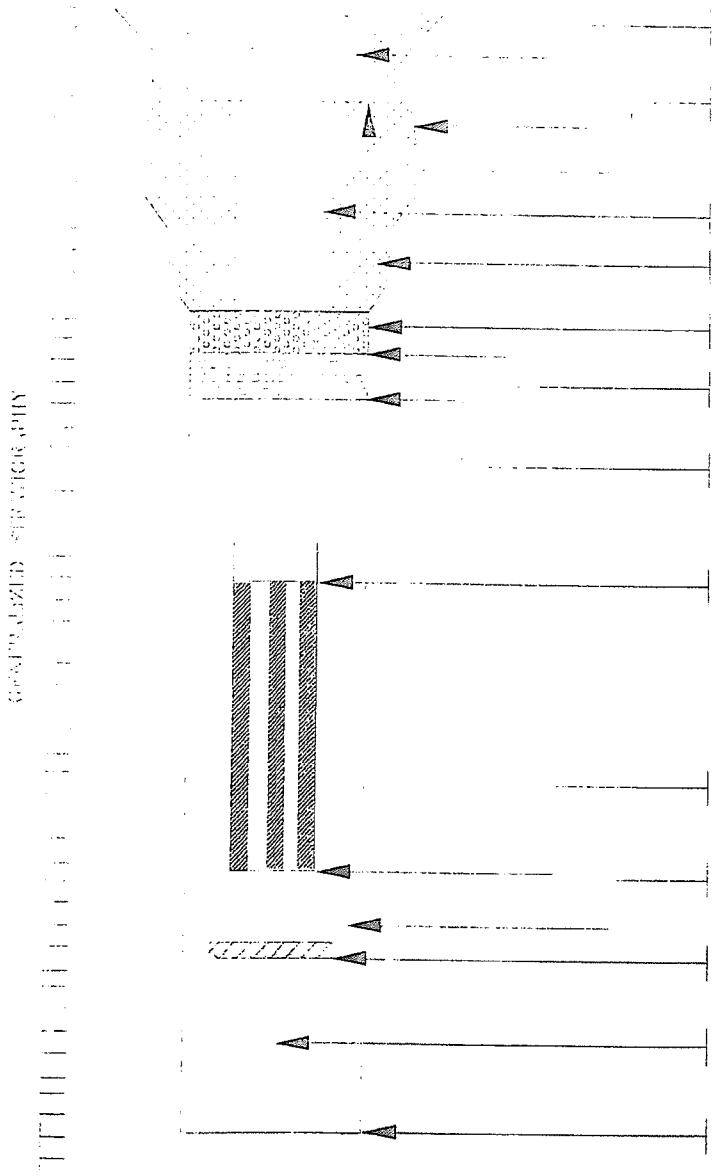
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: NYSDEC/Miller Pond
PROJECT No. 96020
CLIENT: NYSDEC Region 8 - Scott Rodabaugh
WELL No. MW12
DATE COMPLETED: 12/10/97
SUPERVISED BY: Chris Treese



REFERENCE POINT
Elevation/Depth: 854.47

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 18.85'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.35'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.35'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 19.35'

NOTES

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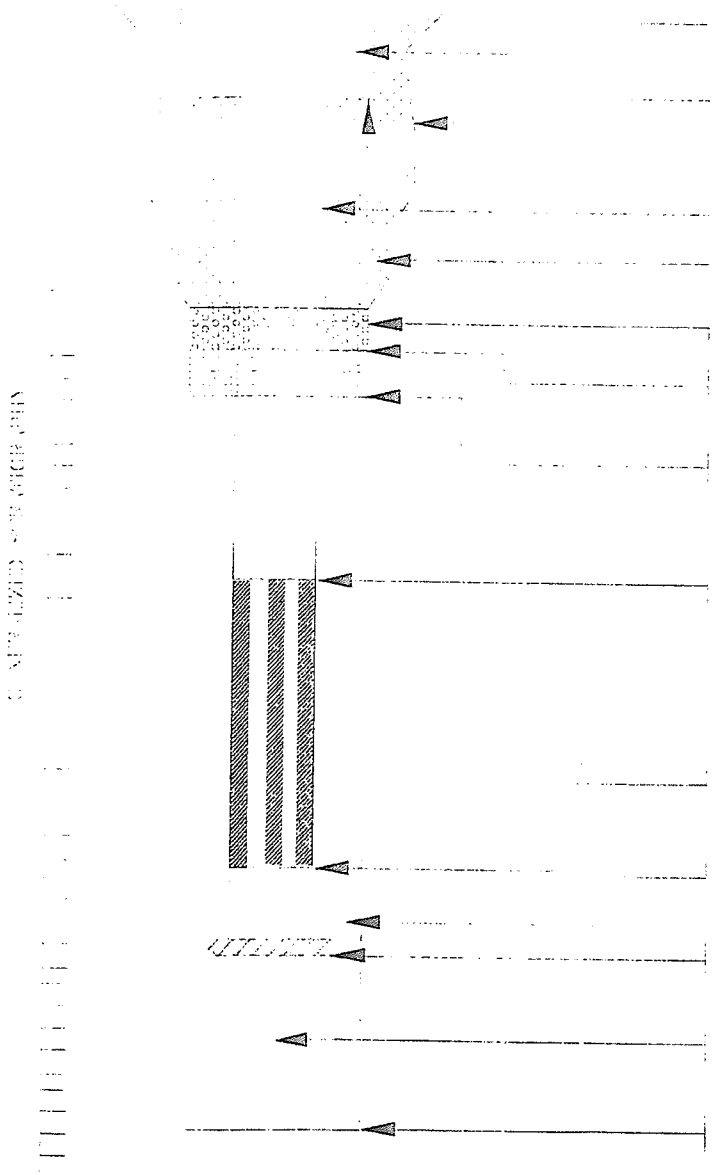
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW13
DATE COMPLETED:	12/10/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 854.60

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 20.50'

BOTTOM OF FILTER PACK
Elevation/Depth: 21.00'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 21.00'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 21.00'

NOTES

MATRIX
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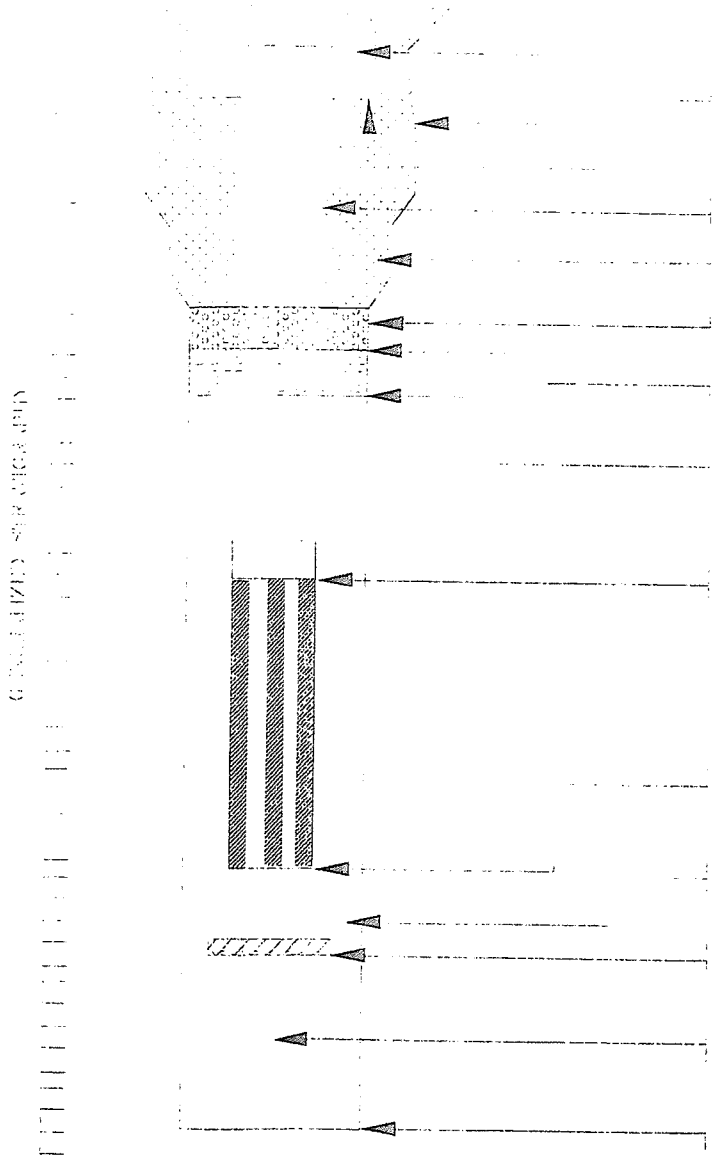
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW14
DATE COMPLETED:	12/11/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 853.73

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 20.50'

BOTTOM OF FILTER PACK
Elevation/Depth: 21.50'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 21.50'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 21.50'

NOTES

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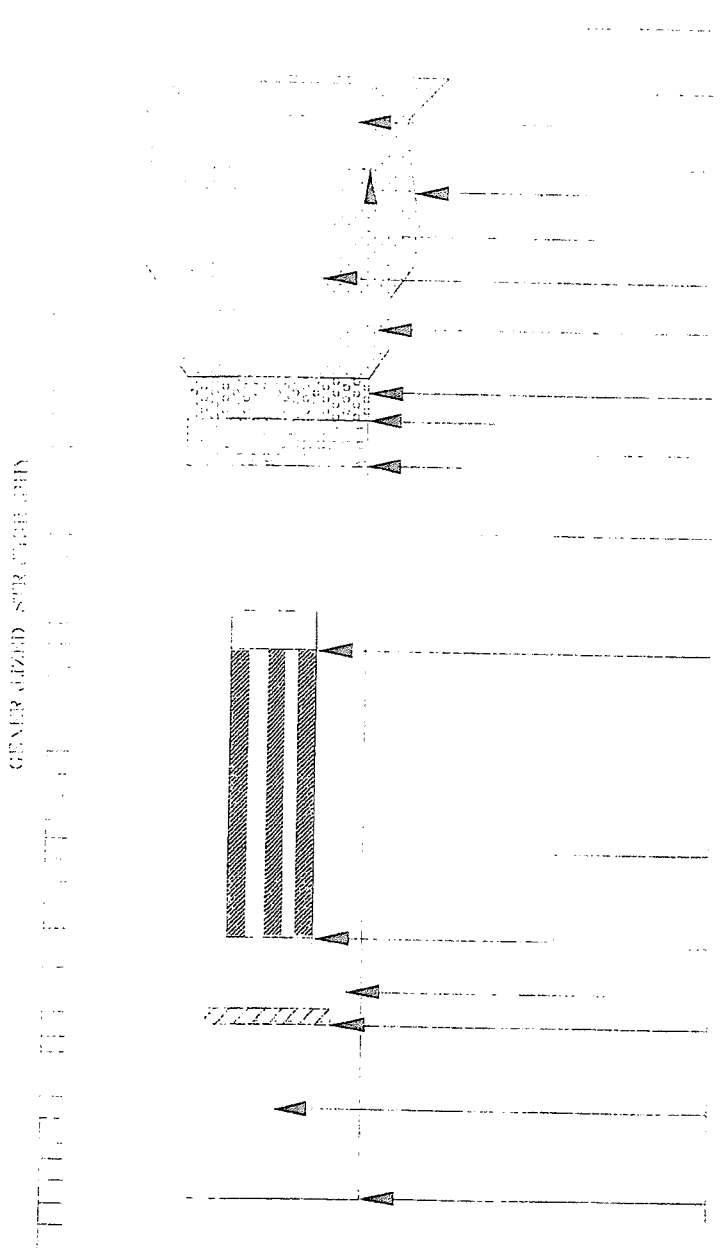
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW15
DATE COMPLETED:	12/11/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 855.19

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 18.60'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.10'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.10'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 19.10'

NOTES

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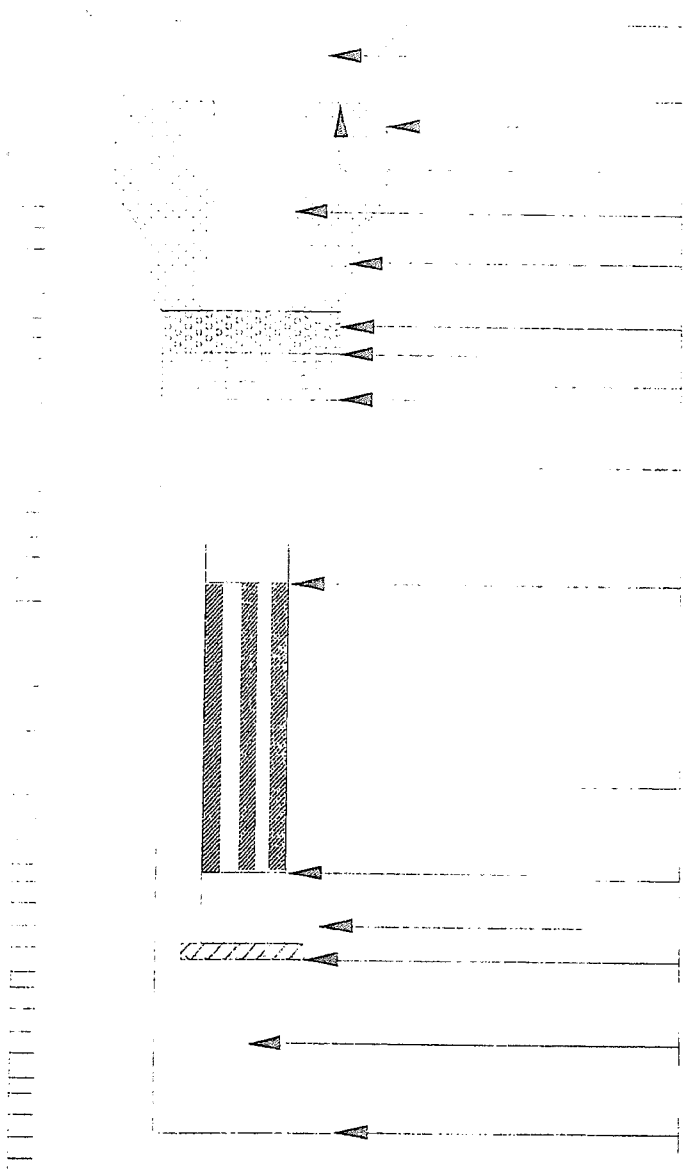
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW16
DATE COMPLETED:	12/11/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 854.37

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 8.25"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 20.00'

BOTTOM OF FILTER PACK
Elevation/Depth: 20.50'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 20.50'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 20.50'

NOTES

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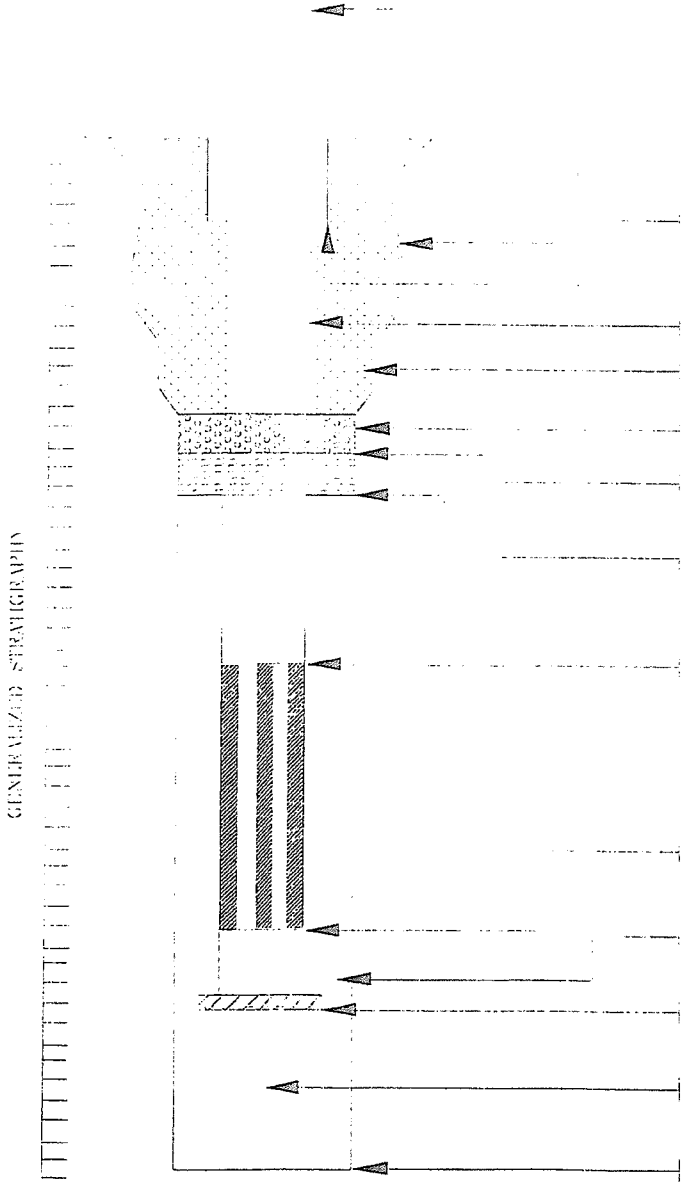
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW17
DATE COMPLETED:	12/12/97	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 852.27'

SURFACE SEAL
Type/Depth: Concrete/2.00'

DEPTH OF SURFACE CASING: 2.00'

RISER PIPE Size/Type: 2" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 6¼"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 10.80'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 11.80'
FILTER PACK MATERIAL: Morie #1 sand

TOP OF SCREEN Elevation/Depth: 12.80'
SCREEN SIZE/TYPE: 2" diameter .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 22.30'

BOTTOM OF FILTER PACK
Elevation/Depth: 22.80'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 22.80'

TYPE OF FILLER
BELOW PLUGGED BLANK: None

BOTTOM OF BOREHOLE
Elevation/Depth: 22.80'

NOTES

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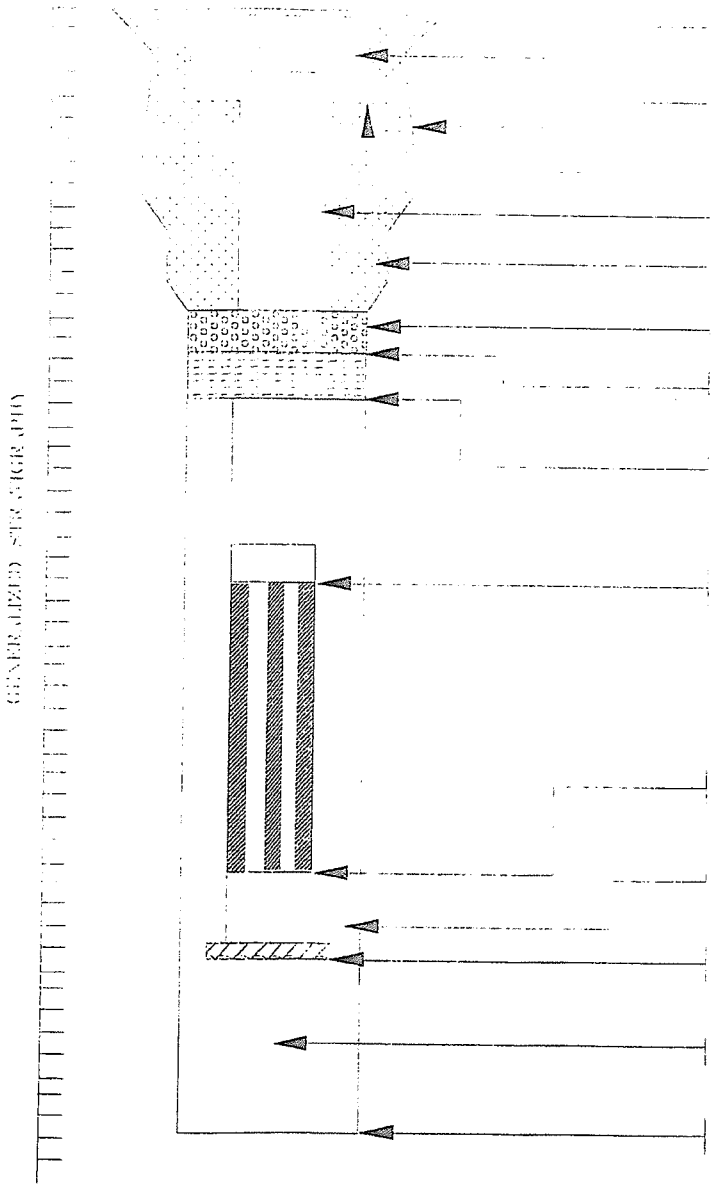
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW18
DATE COMPLETED:	7/7/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 851.37

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.30'

BOTTOM OF FILTER PACK
Elevation/Depth: 14.80'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 14.80'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 14.80'

NOTES

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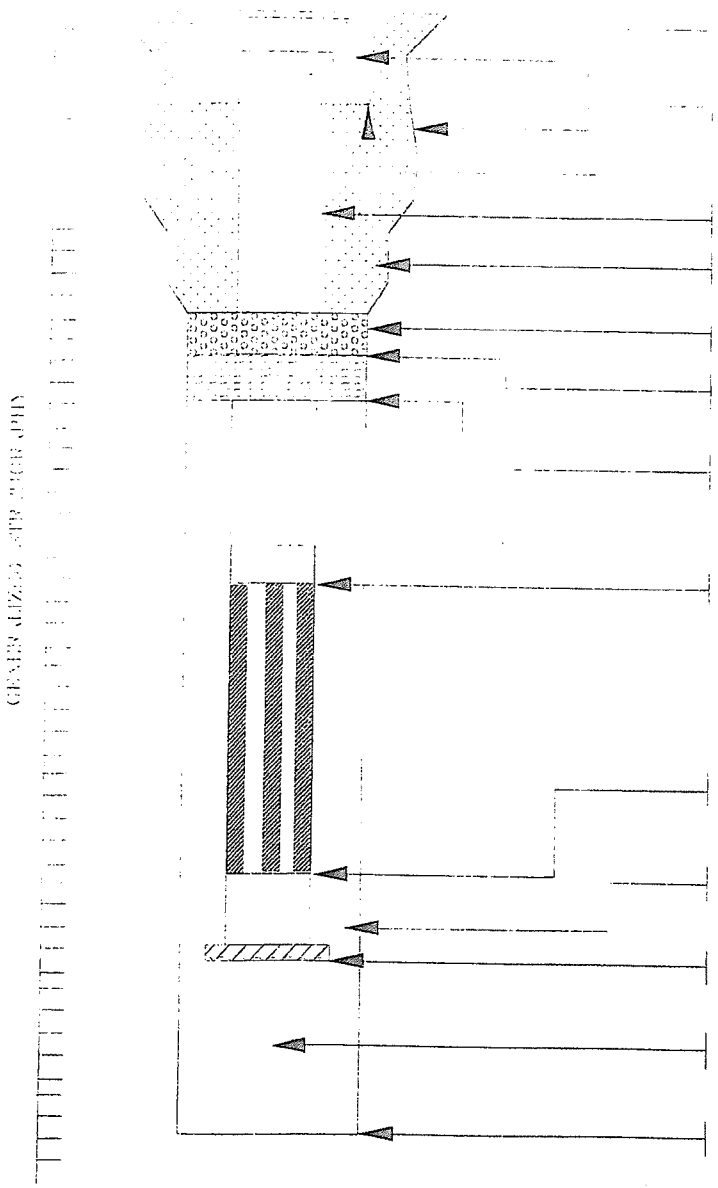
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW19
DATE COMPLETED:	7/7/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 851.30

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Drill cuttings

TOP OF SEAL Elevation/Depth: 7.50'
TYPE OF SEAL: Bentonite

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: #1 Sand

TOP OF SCREEN Elevation/Depth: 9.50'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 20.15'

BOTTOM OF FILTER PACK
Elevation/Depth: 20.65'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 20.65'

TYPE OF FILLER
BELOW PLUGGED BLANK: #1 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 20.65'

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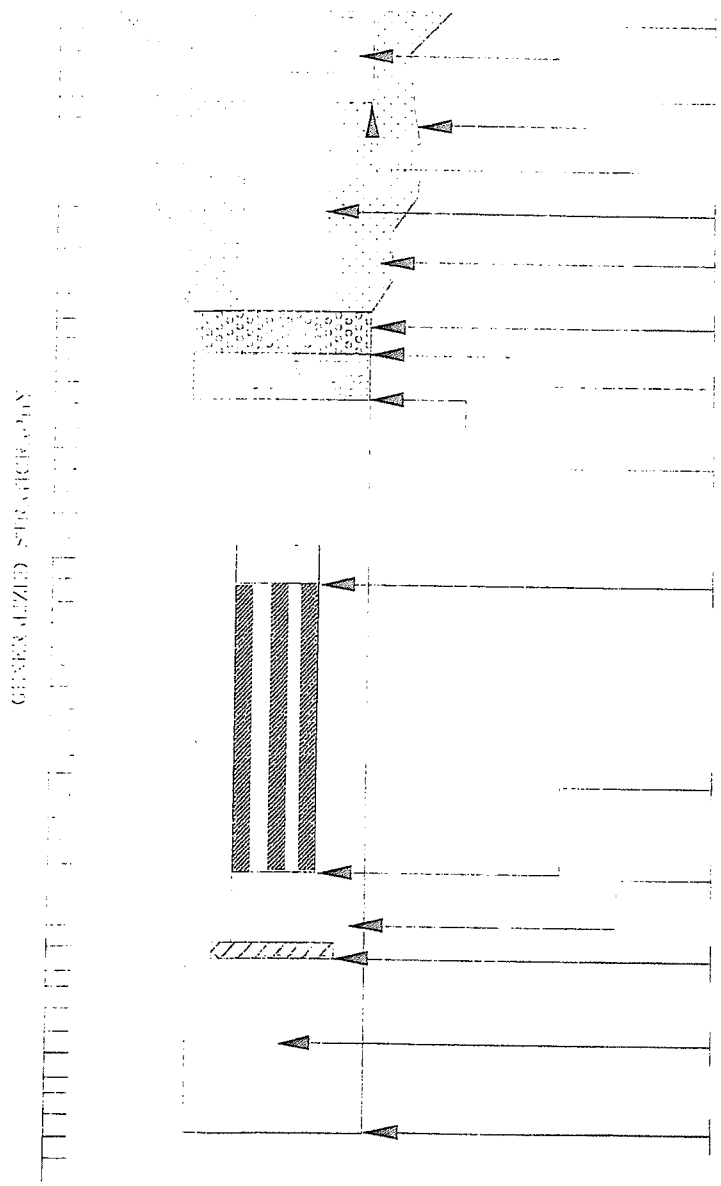
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: NYSDEC/Miller Pond
PROJECT No. 96020
CLIENT: NYSDEC Region 8 - Scott Rodabaugh
WELL No. MW20
DATE COMPLETED: 7/8/98
SUPERVISED BY: Chris Treese



REFERENCE POINT
Elevation/Depth: 852.00

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 80 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 8.50'
TYPE OF SEAL: Native soil

TOP OF FILTER PACK Elevation/Depth: 8.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 8.50'
SCREEN SIZE/TYPE: .020 slot SCH 80 PVC

BOTTOM OF SCREEN Elevation/Depth: 19.20'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.70'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.70'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 19.70'

NOTES

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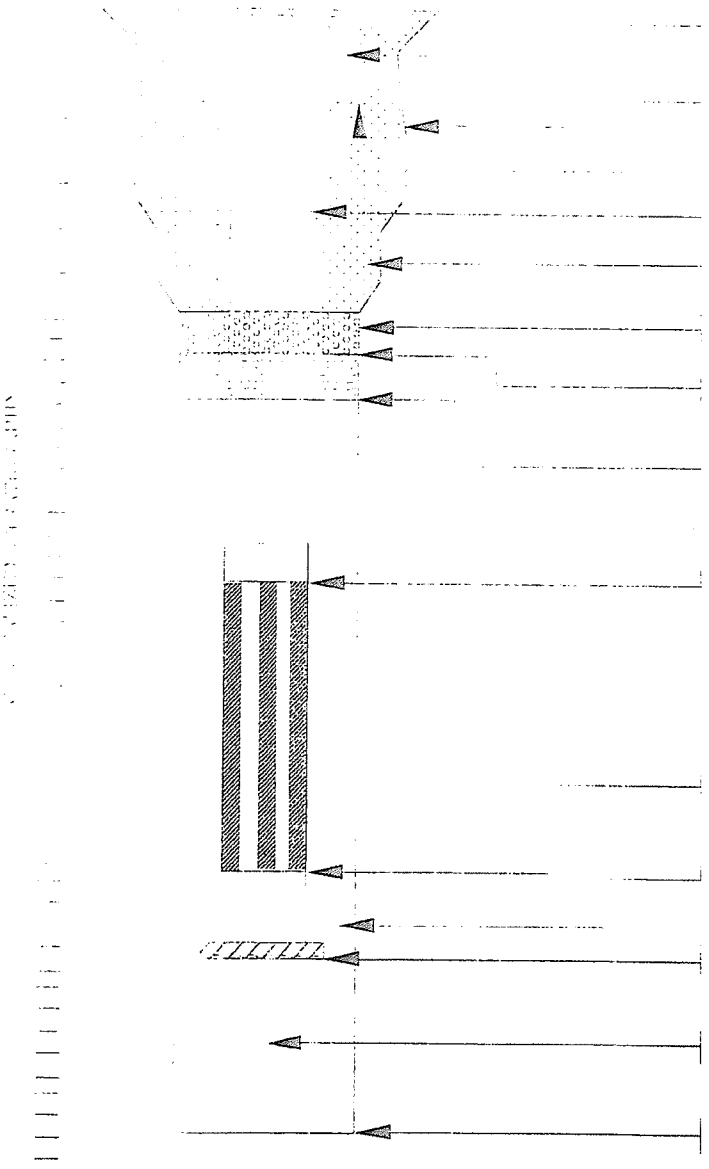
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW21
DATE COMPLETED:	7/16/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 852.83

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 12.35'
SCREEN SIZE/TYPE: .020 slot SCH 80 PVC

BOTTOM OF SCREEN Elevation/Depth: 20.85'

BOTTOM OF FILTER PACK
Elevation/Depth: 21.35'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 21.35'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 21.35'

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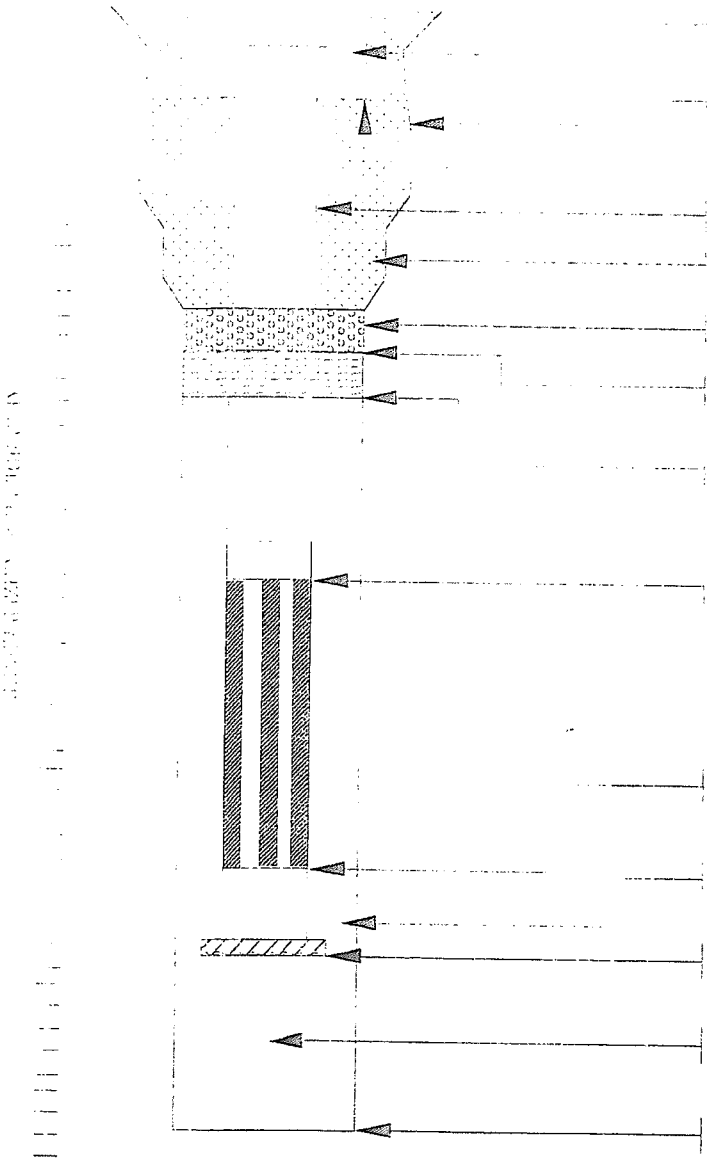
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW22
DATE COMPLETED:	7/16/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 842.52

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 11.60'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 21.10'

BOTTOM OF FILTER PACK
Elevation/Depth: 21.60'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 21.60'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 21.60'

NOTES

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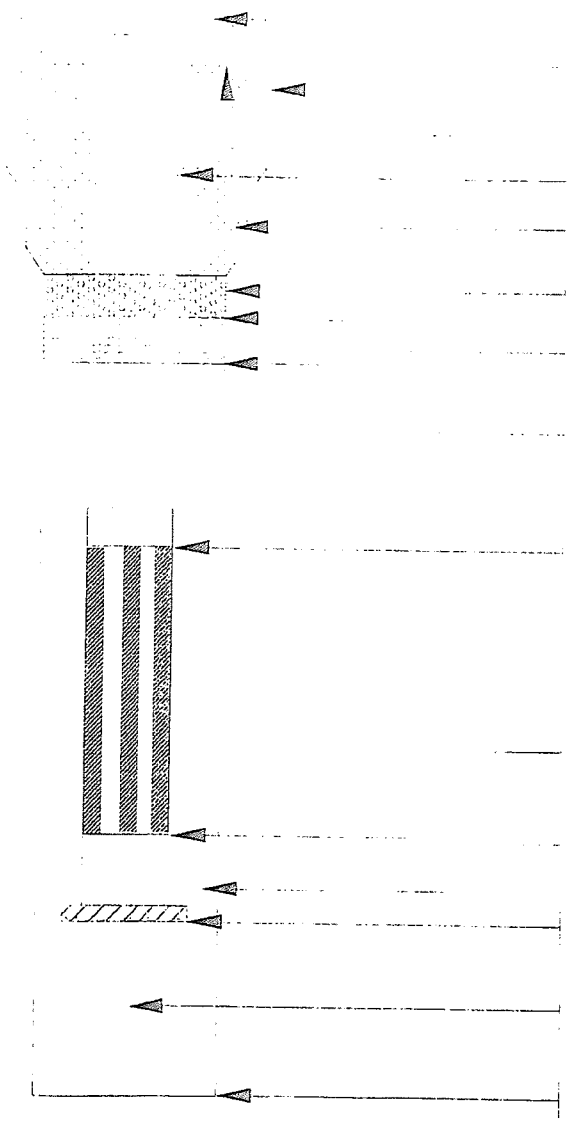
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW23
DATE COMPLETED:	7/16/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 838.80

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 8.70'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 18.20'

BOTTOM OF FILTER PACK
Elevation/Depth: 18.70'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 18.70'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 18.70'

NOTES

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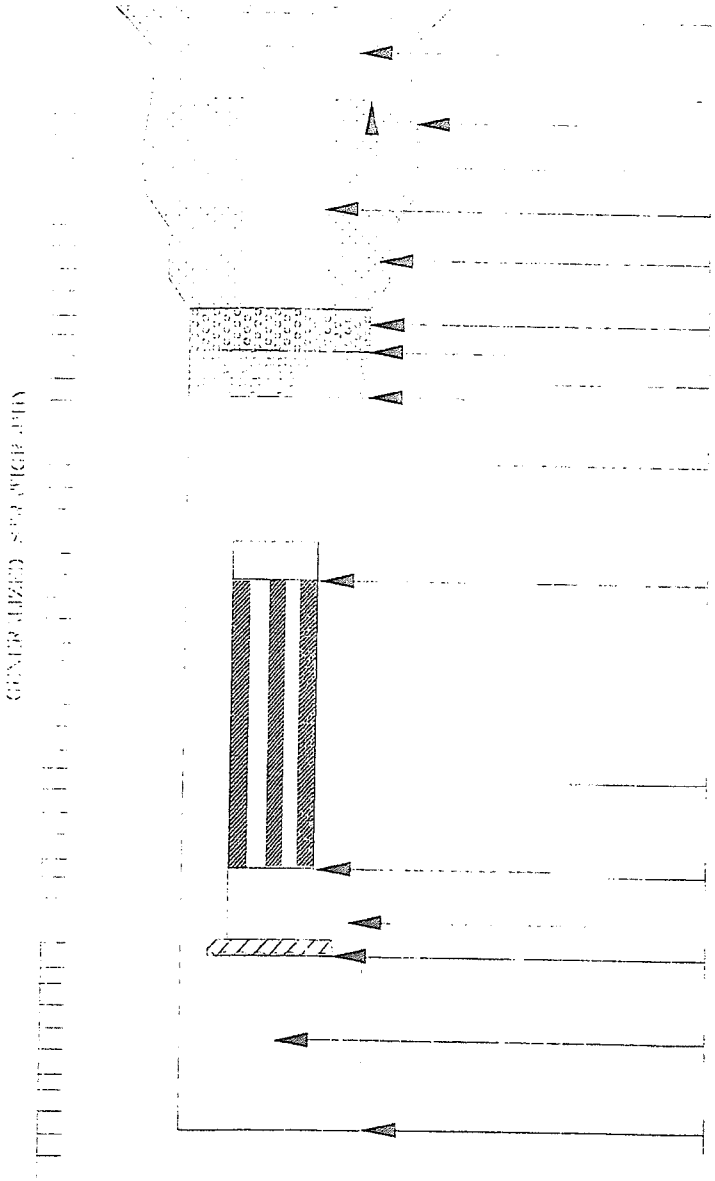
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96-020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW24
DATE COMPLETED:	7/16/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: _____

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 6.72'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 16.22'

BOTTOM OF FILTER PACK
Elevation/Depth: 16.72'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 16.72'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 16.72'

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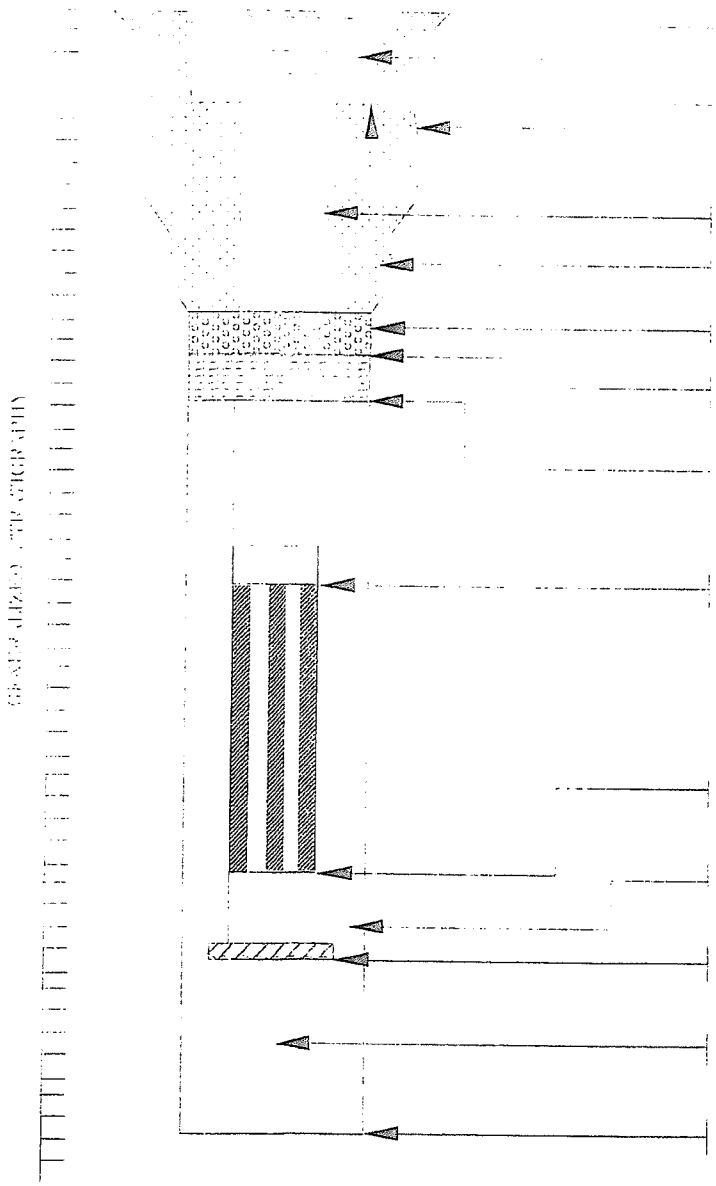
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW25
DATE COMPLETED:	7/17/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 841.16

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 9.25'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 18.75'

BOTTOM OF FILTER PACK
Elevation/Depth: 19.25'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.25'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 19.25'

NOTES

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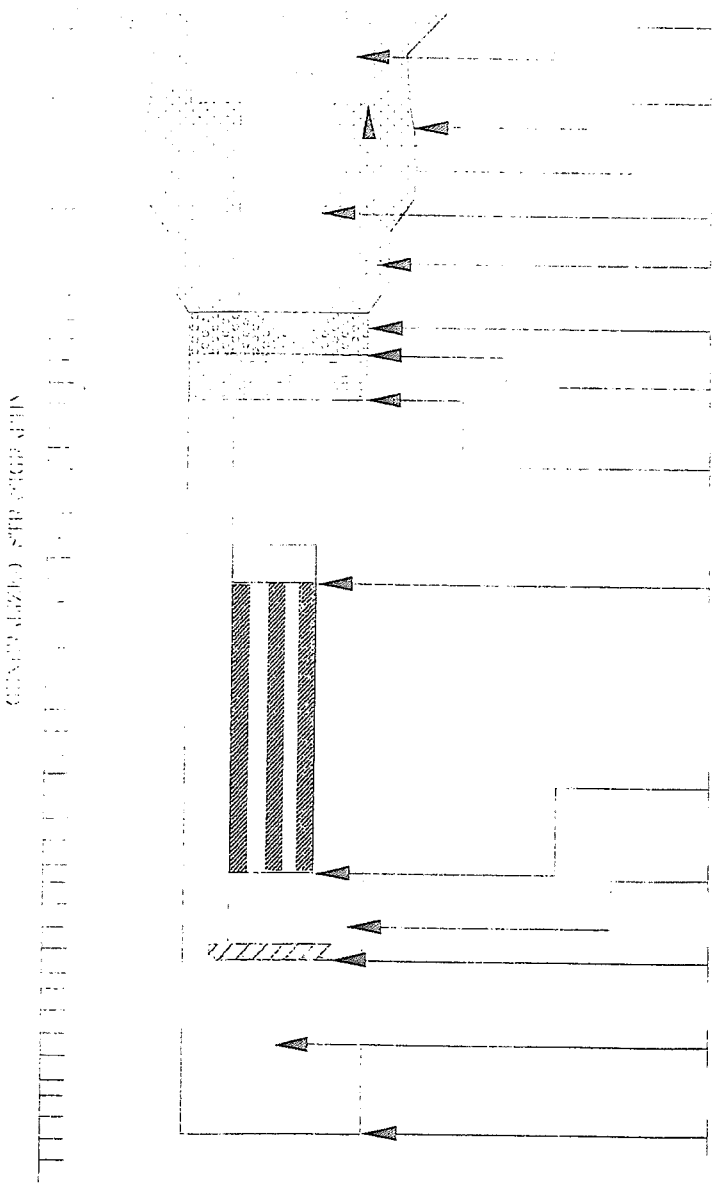
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: NYSDEC/Miller Pond
PROJECT No. 96020
CLIENT: NYSDEC Region 8 - Scott Rodabaugh
WELL No. MW26
DATE COMPLETED: 7/17/98
SUPERVISED BY: Chris Treese



REFERENCE POINT
Elevation/Depth: 843.44

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 7.05'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 16.55'

BOTTOM OF FILTER PACK
Elevation/Depth: 17.05'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 17.05'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 17.05'

NOTES

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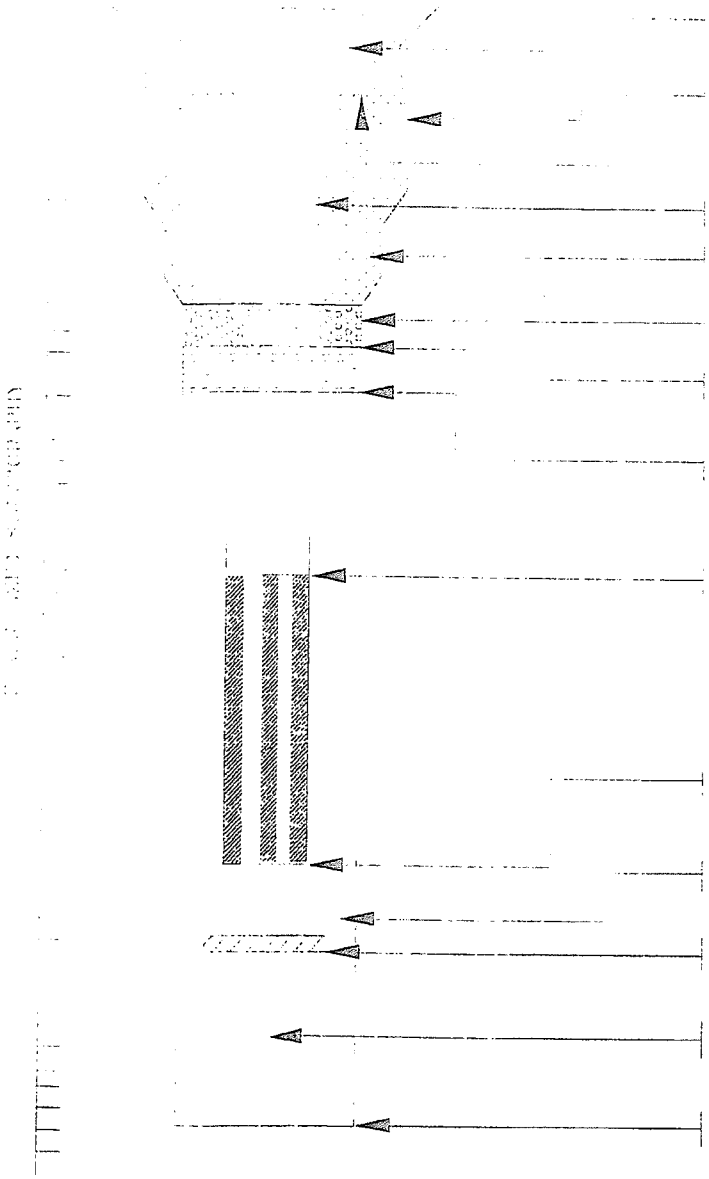
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW27
DATE COMPLETED:	7/17/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 840.38

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 6.30'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.80'

BOTTOM OF FILTER PACK
Elevation/Depth: 16.30'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 16.30'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 16.30'

NOTES

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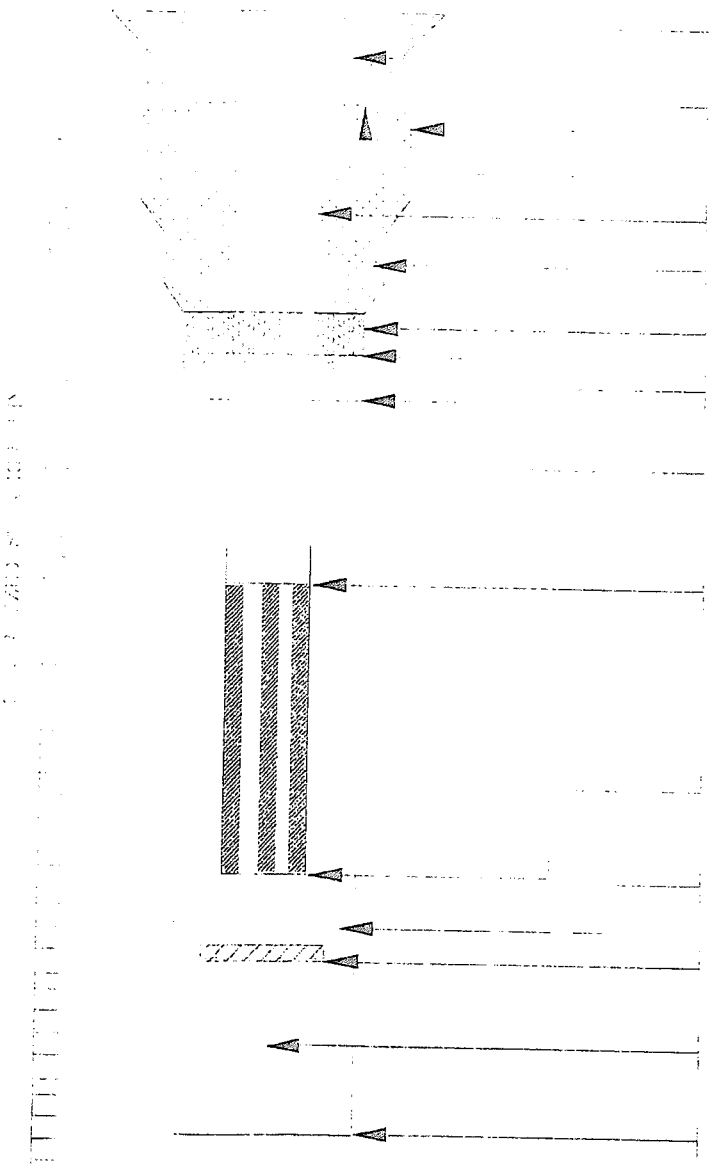
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW28
DATE COMPLETED:	7/17/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 851.30

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 12.00'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 21.50'

BOTTOM OF FILTER PACK
Elevation/Depth: 22.00'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 22.00'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 22.00'

NOTES

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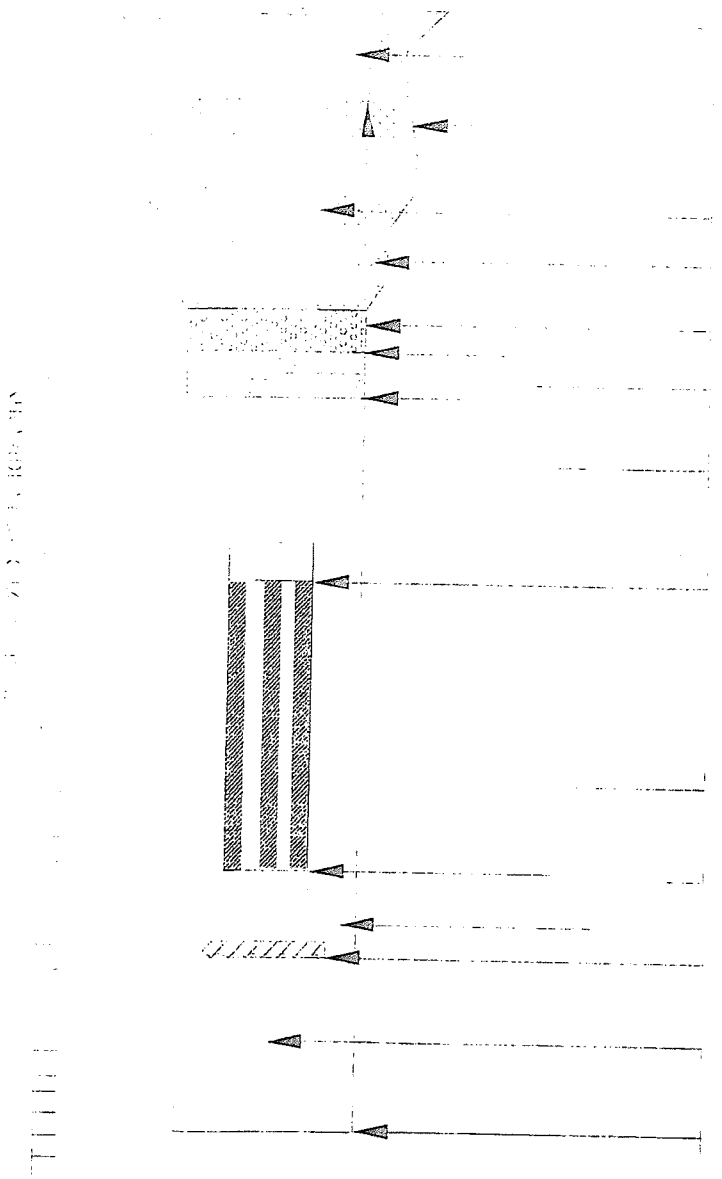
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	NYSDEC/Miller Pond	PROJECT No.	96020
CLIENT:	NYSDEC Region 8 - Scott Rodabaugh	WELL No.	MW29
DATE COMPLETED:	7/17/98	SUPERVISED BY:	Chris Treese



REFERENCE POINT
Elevation/Depth: 851.46

SURFACE SEAL
Type/Depth: Concrete/1.5'

DEPTH OF SURFACE CASING: 1.0'

RISER PIPE Size/Type: 1" diameter SCH 40 PVC

DIAMETER OF BOREHOLE: 2.00"

TYPE OF FILL: Native soil

TOP OF SEAL Elevation/Depth: 1.50'
TYPE OF SEAL: None

TOP OF FILTER PACK Elevation/Depth: 1.50'
FILTER PACK MATERIAL: Native soil

TOP OF SCREEN Elevation/Depth: 11.90'
SCREEN SIZE/TYPE: .020 slot SCH 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 21.40'

BOTTOM OF FILTER PACK
Elevation/Depth: 21.90'

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 21.90'

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soil

BOTTOM OF BOREHOLE
Elevation/Depth: 21.90'

NOTES

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Geosyntec consultants

BORING LOG

BORING NO. MW-43

SHEET 1 OF 2

DRILLING CO.: Cascade	Status: ☐ Well Installed ☐ Plugged & Abdnd. ☐	SITE: Unisys Elmira	Borehole Location Sketch Map
METHOD & TOOLS: HSA		PROJECT NO.: MN08323	
RIG: Geoprobe 7822DT Dan Bubnick		N: E:	
BIT DIAMETER: DRILLER: Joe Fordley		SUPERVISOR:	
GROUND ELEV.: ☐ Surveyed ☐ Estimated		DATE: 3/1/2016	

Top (Depth) ☐ Feet ☐ Meters	Lithology Log	Graphic Log	Depth Scale	Well	SPT Blows/6"	Run (No.)	Rec. (%)	Drilling Log
0	Gravels w/ asphalt debris Dry. light Gray (2.5Y 7/1). non-plastic.							
1	well graded sand w/ gravel (SW). Dry. very dark Grayish brown (2.5Y 3/2). nonplastic							
2	fill materials w/ slag. dry. black							
3								
4								
5	well graded sand w/ Gravel (SW). Dark olive brown (2.5Y 3/3). Dry.							
6	nonplastic.							
7								
8								
9								
10								
11	became wet							
12								

Geosyntec consultants

BORING LOG

BORING NO. MW-43

SHEET 2 OF 2

DRILLING CO.: Cascade	Status: ☒ Well Installed ☐ Plugged & Abdnd. ☐	SITE: Unity Elmira	Borehole Location Sketch Map
METHOD & TOOLS: HSA		PROJECT NO.: MN0832B	
RIG: Geoprobe 7822DT		N: E:	
BIT DIAMETER: DRILLER:		SUPERVISOR:	
GROUND ELEV.: ☐ Surveyed ☐ Estimated		DATE: 3/1/2016	

Top (Depth) ☐ Feet ☐ Meters	Lithology Log	Graphic Log	Depth Scale	Well	SPT Blows/6"	Run (No.)	Rec. (%)	Drilling Log
12	lean clay (CL), medium plasticity, very dark greenish gray (5GY 3/1), wet							
13								
14								
15	well graded gravel w/ sand (GW), olive brown (2.5Y 4/4), nonplastic, wet							
16								
17								
18								
19								
20	same as above, based on the soil cuttings on the HSA flyer							

Geosyntec consultants

BORING LOG

BORING NO. MW-42

SHEET 1 OF 2

DRILLING CO.: Cascade

METHOD & TOOLS: HSA

RIG: Geoprobe 7822DT

BIT DIAMETER:

DRILLER: Rich Reagen, Zac Fordley

GROUND ELEV.: ☐ Surveyed ☐ Estimated

Status: ☒ Well Installed ☐ Plugged & Abdnd. ☐

SITE: Unity, Elmira

PROJECT NO.: MN0832B

N: E:

SUPERVISOR:

DATE: 3/1/2016

Borehole Location Sketch Map

Top (Depth) ☐ Feet ☐ Meters	Lithology Log	Graphic Log	Depth Scale	Well	SPT Blows/6"	Run (No.)	Rec. (%)	Drilling Log
0	Silt (ML), very dark brown (10YR 2/2), medium plasticity, dry							
1	fill materials w/ slag and brick, black, nonplastic							
2								
3								
	poorly graded sand (GP) yellowish brown (10YR 5/8), wet, nonplastic							
4								
5								
6	lean clay (CL), very dark grayish brown (2.5Y 3/2), med plasticity, wet							
7	well graded gravel w/ sand (GW), olive brown (2.5Y 4/4), nonplastic, wet							
8								
9								
10	same as above							
11								
12								
13								

Geosyntec consultants

BORING LOG

BORING NO. MW-42

SHEET 2 OF 2

DRILLING CO.:	Status: ☐ Well Installed ☐ Plugged & Abdnd. ☐	SITE:	Borehole Location Sketch Map
METHOD & TOOLS:		PROJECT NO.:	
RIG:		N: E:	
BIT DIAMETER:	DRILLER:	SUPERVISOR:	
GROUND ELEV.: ☐ Surveyed ☐ Estimated		DATE:	

Top (Depth) ☐ Feet ☐ Meters	Lithology Log	Graphic Log	Depth Scale	Well	SPT Blows/6"	Run (No.)	Rec. (%)	Drilling Log
14								
15	same as above.							
16								
17								
18								
19								
20	No recovery							
21								
22								
23								
24								
25								

Geosyntec consultants

BORING LOG

BORING NO. MW44

SHEET 1 OF 2

DRILLING CO.: Cascade Drilling

METHOD & TOOLS: HSA

RIG: Geoprobe 7822 DT

BIT DIAMETER: DRILLER: Zac Fordley, Dan Bubniak

GROUND ELEV.: ☐ Surveyed ☐ Estimated

Status: ☒ Well Installed ☐ Plugged & Abdnd. ☐

SITE: Unisys Elmira

PROJECT NO.: MN0832B

N: E:

SUPERVISOR:

DATE: 2/29/2016

Borehole Location Sketch Map

Top (Depth) ☐ Feet ☐ Meters	Lithology Log	Graphic Log	Depth Scale	Well	SPT Blows/6"	Run (No.)	Rec. (%)	Drilling Log
0	Silt (ML), very dark Brown (10YR 2/2) moist, low plasticity, cohesive							
2	silty sand with gravel (SM) very dark grayish Brown (2.5Y 3/2) non-plastic, Dry							
3								
4								
5	fill materials, black (10YR 2/1) Dry, non-plastic							
6	well graded sand with gravel (SW) Olive Brown (2.5Y 4/4) non-plastic, noncohesive Dry							
8	well graded gravel w/ sand (GW) Olive gray (5Y 5/2) non-plastic, noncohesive Dry							
9								
10								
11								
12								
13								

Geosyntec consultants

BORING LOG

BORING NO. MW-44

SHEET 2 OF 2

DRILLING CO.: Cascade Drilling	SITE: Unisys Elmira
METHOD & TOOLS: HSA	PROJECT NO.: MN0832B
RIG: Geoprobe 7822DT Dan Bubnick	N: E:
BIT DIAMETER: DRILLER: Zac Fordley	SUPERVISOR:
GROUND ELEV.: ☐ Surveyed ☐ Estimated	DATE: 2/29/2016

Status: ☒ Well Installed ☐ Plugged & Abdnd. ☐

Borehole Location Sketch Map

Top (Depth) ☐ Feet ☐ Meters	Lithology Log	Graphic Log	Depth Scale	Well	SPT Blows/6"	Run (No.)	Rec. (%)	Drilling Log
13								
14								
15								
16								
17	well graded gravel w/ sand (GW) light gray (5Y 7/2)							
18	nonplastic. noncohesive. Dry							
19	well graded gravel w/ sand (GW) very dark gray (5Y 3/1) very moist							
20								
	Wet							
21								
22								
23								
24								
25	same as above based on the soil cutting on the HSA flyer							

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ID: MW-46

CLIENT _____ PROJECT NAME ELMIRA

PROJECT NUMBER MN0832B. PROJECT LOCATION EHS

DATE STARTED 8/30/16 COMPLETED _____ NORTHING _____ EASTING _____

DRILLER ZEBRA GROUND ELEVATION _____ BORING DIAMETER _____

DRILLING METHOD DPT / HOLLOW STEM AUGER TOP OF CASING ELEVATION _____

SAMPLING METHOD DPT GEOPHYSICAL CONTRACTOR _____

RIG TYPE GEOPROBE 7822DT LOGGED BY KWH. CHECKED BY _____

DEPTH (ft)	RUN RECOVERY	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	SAMPLE LOG
DPT:	TO 2.5	ft:		3" ASPHALT, THEN SAND + GRAVEL. FINE TO COARSE GRAIN. WELL GRADED. DRY, LOOSE TO MEDIUM DENSE, BROWN		
	TO 5	ft		SAND, FINE TO MEDIUM GRAIN. DRY, BRITTLE, BLACK.	196 PPM.	
	32" RECOVERY TOTAL.					
5	TO 5.875	ft:		SAME AS ABOVE W/ FINE TO MEDIUM GRAVEL	10 PPM	
	TO 7	ft:		SAND W/TRACE CLAY + GRAVEL. FINE TO MEDIUM GRAIN DRY, YELLOWISH BROWN	19 PPM	
	TO 10	ft		SANDY CLAY, TRACE GRAVEL. BANDS OF ABOVE BLACK COARSE MATERIAL. MEDIUM STIFF TO STIFF, DRY, YELLOWISH BROWN TO GRAY.		
	40" RECOVERY TOTAL.					
10	TO 11.5	ft		SAND + GRAVEL W/ TRACE CLAY. SOME BLACK MATERIAL FROM ABOVE. FINE TO MEDIUM GRAIN SAND. FINE TO COARSE GRAVEL. DRY, LOOSE TO DENSE, BLACK + YELLOWISH BROWN.		
	TO 15	ft		GRAVEL W/ CLAYEY SAND. FINE TO COARSE SAND. MEDIUM TO COARSE GRAVEL. DENSE TO VERY DENSE. BROWN TO YELLOW BROWN. MOIST, THEN WET AT 14 ft.		
	57" RECOVERY TOTAL.					
15				CLAYEY SAND W/ GRAVEL. 1-2" GRAVEL. MEDIUM TO COARSE SAND. MOIST, BROWN.		
20						
				HOLLOW STEM AUGER TO 25 ft.		
25						
30						

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Geosyntec consultants

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ID: MW-47

CLIENT _____ PROJECT NAME ELMIRA

PROJECT NUMBER MN0832B PROJECT LOCATION EHS

DATE STARTED 8/29/16 COMPLETED _____ NORTHING _____ EASTING _____

DRILLER ZEBRA GROUND ELEVATION _____ BORING DIAMETER _____

DRILLING METHOD DPT / HOLLOW STEM AUGER TOP OF CASING ELEVATION _____

SAMPLING METHOD DPT. GEOPHYSICAL CONTRACTOR _____

RIG TYPE GEOPROBE 7822DT LOGGED BY KWH CHECKED BY _____

DEPTH (ft)	RUN RECOVERY	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	SAMPLE LOG
DPT:						
	TO 2.1 ft:			TOPSOIL, SAND W/TRACE CLAY. MED TO COARSE GRAIN. SOME FINE GRAVEL DRY, LOOSE BROWN		
	43" RECOVERY TO 5 ft.					
	TO 3.1 ft:			SAND+GRAVEL, COARSE GRAIN, MEDIUM GRAVEL, DRY, LOOSE, DARK BROWN + BLACK.	187 ppm	
	TO 5 ft:			SAND W/GRAVEL, FINE to MEDIUM GRAIN SAND. MED to COARSE GRAVEL. DRY, LOOSE, BROWN		
	43" RECOVERY TOTAL.					
5	TO 6 ft:			SAND W/TRACE GRAVEL. FINE to MEDIUM GRAIN. MEDIUM GRAVEL. TRACE CLAY. LOOSE, DRY. BROWN.		
	TO 10 ft:			CLAYEY SAND W/ GRAVEL. FINE to MEDIUM GRAIN SAND. FINE TO MEDIUM GRAVEL. DRY to MOIST, LOOSE to MEDIUM DENSE. BROWN.		
	32" RECOVERY TOTAL.					
10	TO 11.5 ft:			SAND. FINE TO MEDIUM GRAIN. WELL GRADED. LOOSE TO MEDIUM DENSE. DRY, BROWN		
	TO 15 ft.			SAND+GRAVEL. MEDIUM TO COARSE GRAIN, 1 to 1.5" GRAVEL. MEDIUM DENSE TO DENSE. DRY TO MOIST. BROWN SAND. LIGHT GRAY GRAVEL		
	39" Recovery TOTAL					
15	TO 17.5 ft:			SAND W/ TRACE FINE GRAVEL. MEDIUM GRAIN SAND. WELL GRADED. MEDIUM DENSE. MOIST. DARK TO LIGHT BROWN.		
	TO 20 ft:			SAND + GRAVEL. MEDIUM TO COARSE GRAIN. 1" GRAVEL. WELL GRADED. LOOSE TO MEDIUM DENSE, SATURATED. BROWN. (WET)		
	28" RECOVERY TOTAL.					
20				SAND + GRAVEL W/ TRACE CLAY. FINE TO MEDIUM GRAIN. 1.5" GRAVEL. GRAY, ROUNDED. WELL GRADED SAND, MOIST, DARK BROWN.		
25						
	HOLLOW STEM AUGER TO 28 ft. END SOIL BORING.					
30						

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APPENDIX D
HISTORIC WELL CONSTRUCTION LOGS

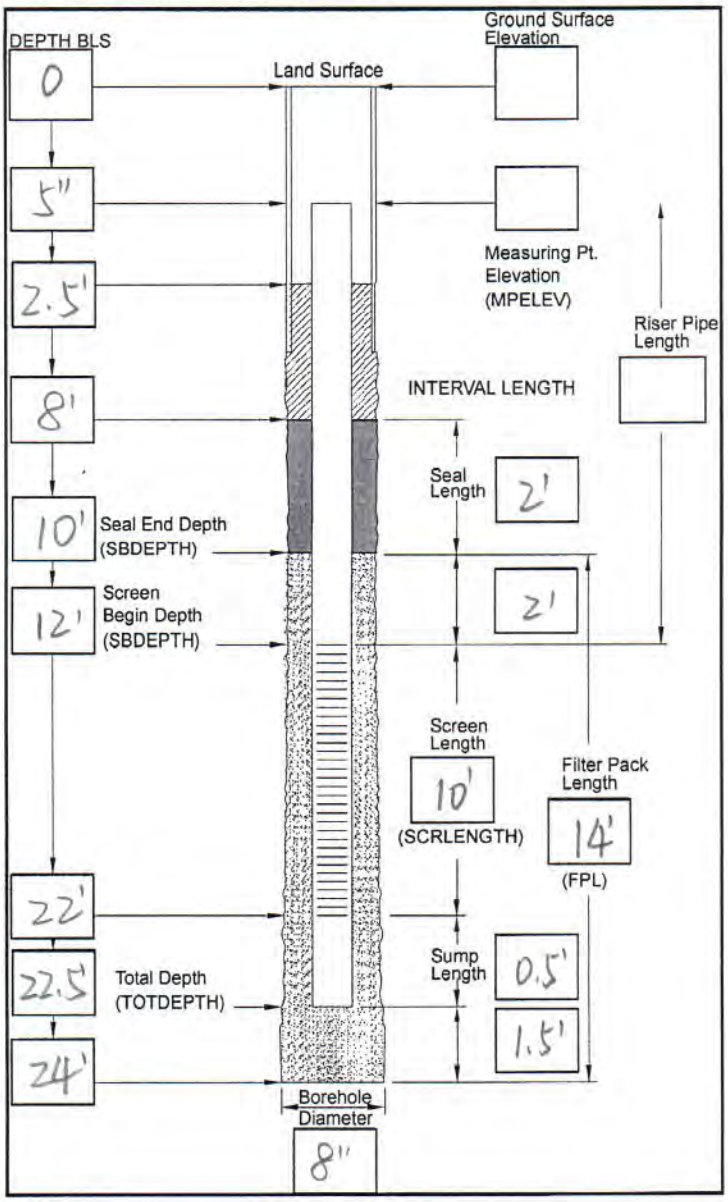
Geosyntec consultants

Well Construction Log – Flush Mount

10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Well I.D.: MW-42
Drilling Company: Cascade Drilling
Driller: Zac Fordley, Rich Reagan
Geologist/Engineer: Man Zhang
Geologic Completion Zone: ____

Site: Unisys Elmira
Installation Method: Hollow Stem Auger
Casing Installation Date: 3/1/2016
Well Type: 2-inch PVC
Well Completion Method:



Notes:
1. Drawing not to scale
2. Units are in feet

Well Completion
Guard Posts: ☐ Yes ☒ No Date: ____
Surface Pad Size: 23 ft x 22 ft x 12 inches thick

Protective Casing or Cover - ☐ None
Diameter: 8.5 inches
Type: ☒ Steel ☐ Aluminum ☐
Depth BGS: 0 Weep Hole: ☐ Yes ☒ No

Grout – Date: 3/1/2016
Composition/Proportions:
☒ 95/5 Type I/Type II Cement – Bentonite Mix ☐ Other: ____
Placement Method: ☐ Pressure Tremie ☒ Gravity ☐ Other: ____

Seal - Date: 3/1/2016
Type: ☐ 3/8" Bentonite Chips ☐ Morie #00 Sand
☐ Coated Bentonite Pellets-Time: ____ ☒ Other: Bentonite Plug
Source/Brand: PDS
Set-up/Hydration Time: 30mn
Placement Method: ☐ Pressure Tremie ☒ Gravity ☐ Other: ____
Vol. Fluid Added: 1.5 ☒ gallons ☐ liters

Filter Pack
Type: ☐ Morie #2 Sand or equiv. ☐ Morie #1 Sand or equiv.
☐ Gravel ☒ Other: Filtration sand and gravel
Source/Brand: Filpro
Amount Used: 7 ☒ bags ☐ pounds
Placement Method: ☐ Pressure Tremie ☒ Gravity
☐ Other: ____

Well Riser Pipe
Material: ☒ Schedule 40 PVC – Flush Threaded Joints
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____

Screen
Material: ☒ Schedule 40 PVC – Machine Slotted
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____
Screen Slot Size: ☒ 0.010-inch ☐ 0.020-inch ☐ Other: ____
Percent Open Area: ☒ 3.25% - 2-inch, 0.010 slot ☐ Other: ____
Sump or Bottom Cap: ☒ Yes ☐ No Brand: N/A

Backfill Plug ☐ Yes ☒ No
Material: ☐ Grout ☐ Bentonite
Placement Method: ☐ Pressure Tremie ☐ Gravity ☐ Other: ____
Set-up/Hydration Time: ____

Total Water Volume During Construction
Introduced: N/A gallons Recovered: N/A gallons

Comments: ____

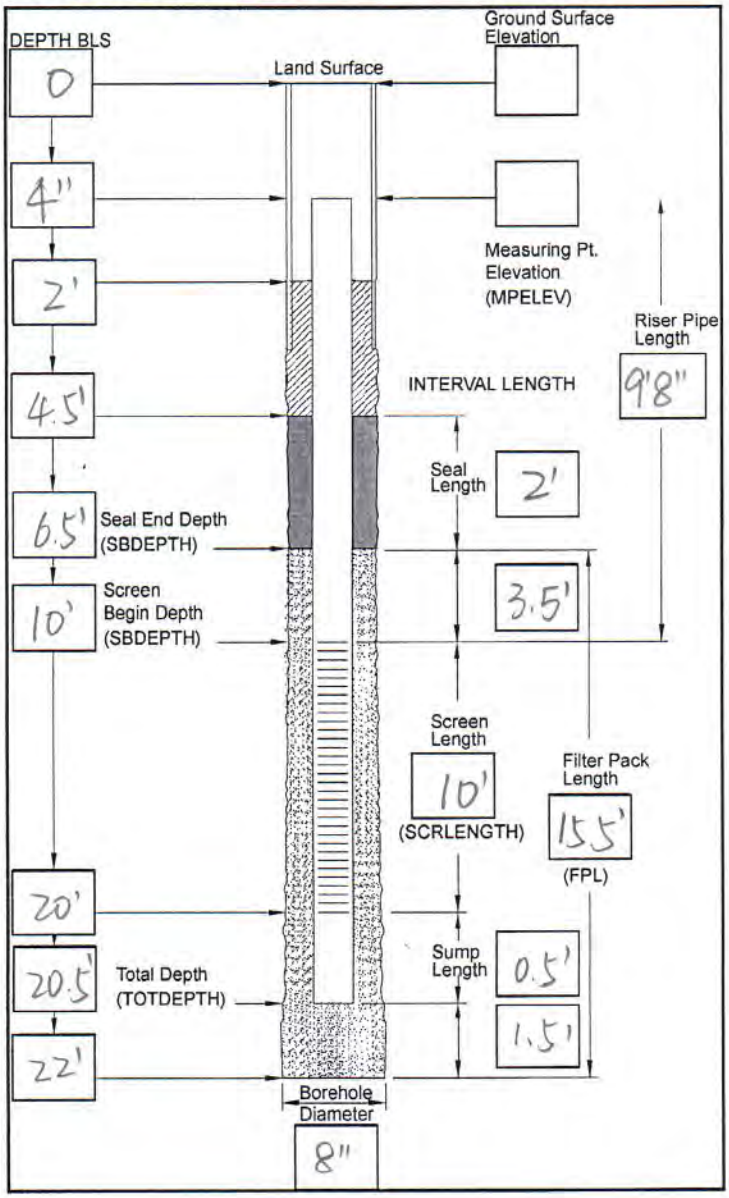
Geosyntec consultants

Well Construction Log – Flush Mount

10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Well I.D.: MW-43
Drilling Company: Cascade Drilling
Driller: Zac Fordley, Rich Reagan
Geologist/Engineer: Man Zhang
Geologic Completion Zone: ____

Site: Unisys Elmira
Installation Method: Hollow stem Auger
Casing Installation Date: 3/1/2016
Well Type: 2-inch PVC
Well Completion Method:



Notes:
1. Drawing not to scale
2. Units are in feet

Well Completion
Guard Posts: ☐ Yes ☒ No Date: ____
Surface Pad Size: 20 ft x 21 ft x 12 inches thick

Protective Casing or Cover - ☐ None
Diameter: 8.5 inches
Type: ☒ Steel ☐ Aluminum ☐
Depth BGS: 0 Weep Hole: ☐ Yes ☒ No

Grout – Date: 3/1/2016
Composition/Proportions:
☒ 95/5 Type I/Type II Cement – Bentonite Mix ☐ Other: ____
Placement Method: ☐ Pressure Tremie ☒ Gravity ☐ Other: ____

Seal - Date: 3/1/2016
Type: ☐ 3/8" Bentonite Chips ☐ Morie #00 Sand
☐ Coated Bentonite Pellets-Time: ____ ☒ Other: Bentonite plug
Source/Brand: PDS
Set-up/Hydration Time: 30mn
Placement Method: ☐ Pressure Tremie ☒ Gravity ☐ Other: ____
Vol. Fluid Added: 1.5 ☒ gallons ☐ liters

Filter Pack
Type: ☐ Morie #2 Sand or equiv. ☐ Morie #1 Sand or equiv.
☐ Gravel ☒ Other: Filtration sand and gravel
Source/Brand: Filpro
Amount Used: 9 ☒ bags ☐ pounds
Placement Method: ☐ Pressure Tremie ☒ Gravity
☐ Other: ____

Well Riser Pipe
Material: ☒ Schedule 40 PVC – Flush Threaded Joints
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____

Screen
Material: ☒ Schedule 40 PVC – Machine Slotted
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____
Screen Slot Size: ☒ 0.010-inch ☐ 0.020-inch ☐ Other: ____
Percent Open Area: ☒ 3.25% - 2-inch, 0.010 slot ☐ Other: ____
Sump or Bottom Cap: ☒ Yes ☐ No Brand: N/A

Backfill Plug ☐ Yes ☒ No
Material: ☐ Grout ☐ Bentonite
Placement Method: ☐ Pressure Tremie ☐ Gravity ☐ Other: ____
Set-up/Hydration Time: ____

Total Water Volume During Construction
Introduced: N/A gallons Recovered: N/A gallons

Comments: ____

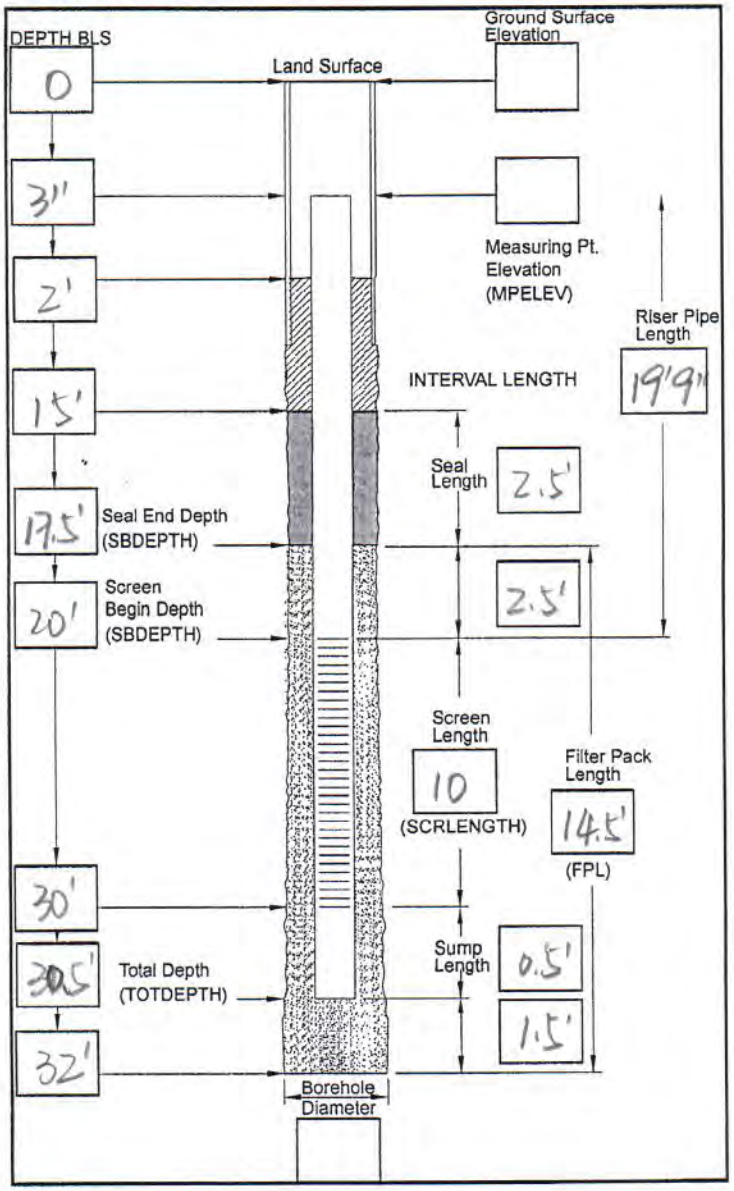
Geosyntec consultants

Well Construction Log – Flush Mount

10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Well I.D.: MW-44
Drilling Company: Cascade Drilling
Driller: Zac Fordley, Dan Bubniak
Geologist/Engineer: Man Zhang
Geologic Completion Zone: ____

Site: Unisys Elmira
Installation Method: Hollow Stem Auger
Casing Installation Date: 2/29/2016
Well Type: 2-inch PVC
Well Completion Method:



Notes:
1. Drawing not to scale
2. Units are in feet

Well Completion
Guard Posts: ☐ Yes ☒ No Date: ____
Surface Pad Size: 22 ft x 21 ft x 12 inches thick

Protective Casing or Cover - ☐ None
Diameter: 8.5 inches
Type: ☒ Steel ☐ Aluminum ☐
Depth BGS: 0 Weep Hole: ☐ Yes ☒ No

Grout – Date: 2/29/16
Composition/Proportions:
☒ 95/5 Type I/Type II Cement – Bentonite Mix ☐ Other: ____
Placement Method: ☐ Pressure Tremie ☒ Gravity ☐ Other: ____

Seal - Date: 2/29/16
Type: ☐ 3/8" Bentonite Chips ☐ Morie #00 Sand
☐ Coated Bentonite Pellets-Time:____ ☒ Other: Bentonite Plug
Source/Brand: PDS
Set-up/Hydration Time: 30 min
Placement Method: ☐ Pressure Tremie ☒ Gravity ☐ Other: ____
Vol. Fluid Added: 2 ☒ gallons ☐ liters

Filter Pack
Type: ☐ Morie #2 Sand or equiv. ☐ Morie #1 Sand or equiv.
☐ Gravel ☒ Other: Filtration sand and gravel
Source/Brand: FilPro
Amount Used: 8 ☒ bags ☐ pounds
Placement Method: ☐ Pressure Tremie ☒ Gravity
☐ Other: ____

Well Riser Pipe
Material: ☒ Schedule 40 PVC – Flush Threaded Joints
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____

Screen
Material: ☒ Schedule 40 PVC – Machine Slotted
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____
Screen Slot Size: ☒ 0.010-inch ☐ 0.020-inch ☐ Other: ____
Percent Open Area: ☒ 3.25% - 2-inch, 0.010 slot ☐ Other: ____
Sump or Bottom Cap: ☒ Yes ☐ No Brand: N/A

Backfill Plug ☐ Yes ☒ No
Material: ☐ Grout ☐ Bentonite
Placement Method: ☐ Pressure Tremie ☐ Gravity ☐ Other: ____
Set-up/Hydration Time:____

Total Water Volume During Construction
Introduced: N/A gallons Recovered: N/A gallons

Comments: ____

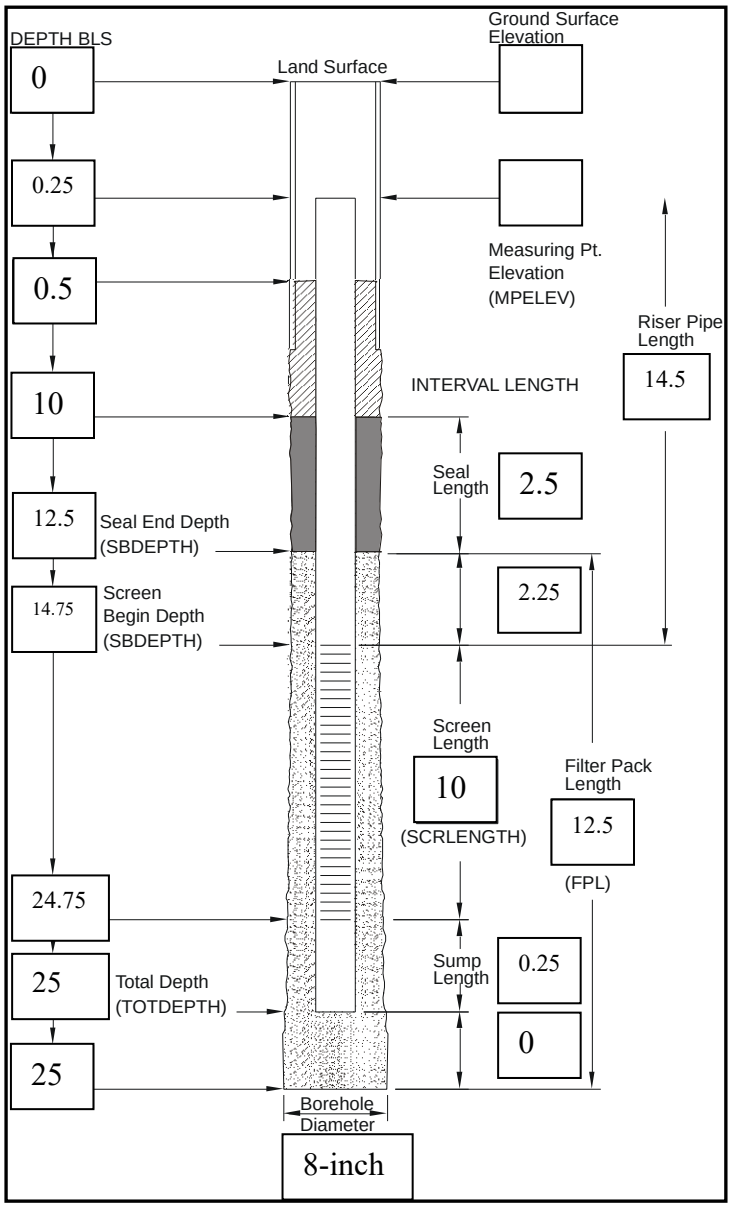
Well Construction Log – Flush Mount

Geosyntec consultants
engineers | scientists | innovators

10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Well I.D.: MW-46
Drilling Company: Zebra
Driller: JH/JD
Geologist/Engineer: KWH
Geologic Completion Zone: Surficial

Site: EHS
Installation Method: DPT/Hollow Stem Auger
Casing Installation Date: 8/30/2016
Well Type: 2-inch PVC
Well Completion Method: Flush-mount



Notes:
1. Drawing not to scale
2. Units are in feet

Well Completion
Guard Posts: ☐ Yes ☒ No Date: 8/31/2016
Surface Pad Size: 1.5ft x 1.5ft x 0.5 inches thick

Protective Casing or Cover - ☐ None
Diameter:8 inches
Type: ☒ Steel ☐ Aluminum ☐
Depth BGS: 12 inches Weep Hole: ☐ Yes ☒ No

Grout – Date: 8/30/2016
Composition/Proportions:
☒ 95/5 Type I/Type II Cement – Bentonite Mix ☐ Other: _____
Placement Method: ☒ Pressure Tremie ☐ Gravity ☐ Other: _____

Seal - Date: 8/30/2016
Type: ☒ 3/8" Bentonite Chips ☐ Morie #00 Sand
☐ Coated Bentonite Pellets-Time:_____ ☐ Other: _____
Source/Brand: PDS
Set-up/Hydration Time: 1 hour
Placement Method: ☒ Pressure Tremie ☐ Gravity ☐ Other: _____
Vol. Fluid Added: 5 ☒ gallons ☐ liters

Filter Pack
Type: ☐ Morie #2 Sand or equiv. ☒ Morie #1 Sand or equiv.
☐ Gravel ☐ Other: _____
Source/Brand: Filpro
Amount Used: 5 ☒ bags ☐ pounds
Placement Method: ☒ Pressure Tremie ☐ Gravity
☐ Other: _____

Well Riser Pipe
Material: ☒ Schedule 40 PVC – Flush Threaded Joints
☐ Other: _____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: _____

Screen
Material: ☒ Schedule 40 PVC – Machine Slotted
☐ Other: _____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: _____
Screen Slot Size: ☒ 0.010-inch ☐ 0.020-inch ☐ Other: _____
Percent Open Area: ☒ 3.25% - 2-inch, 0.010 slot ☐ Other: _____
Sump or Bottom Cap: ☒ Yes ☐ No Brand: _____

Backfill Plug ☐ Yes ☒ No
Material: ☐ Grout ☐ Bentonite
Placement Method: ☐ Pressure Tremie ☐ Gravity ☐ Other: _____
Set-up/Hydration Time:_____

Total Water Volume During Construction
Introduced: 5 gallons Recovered: 0 gallons

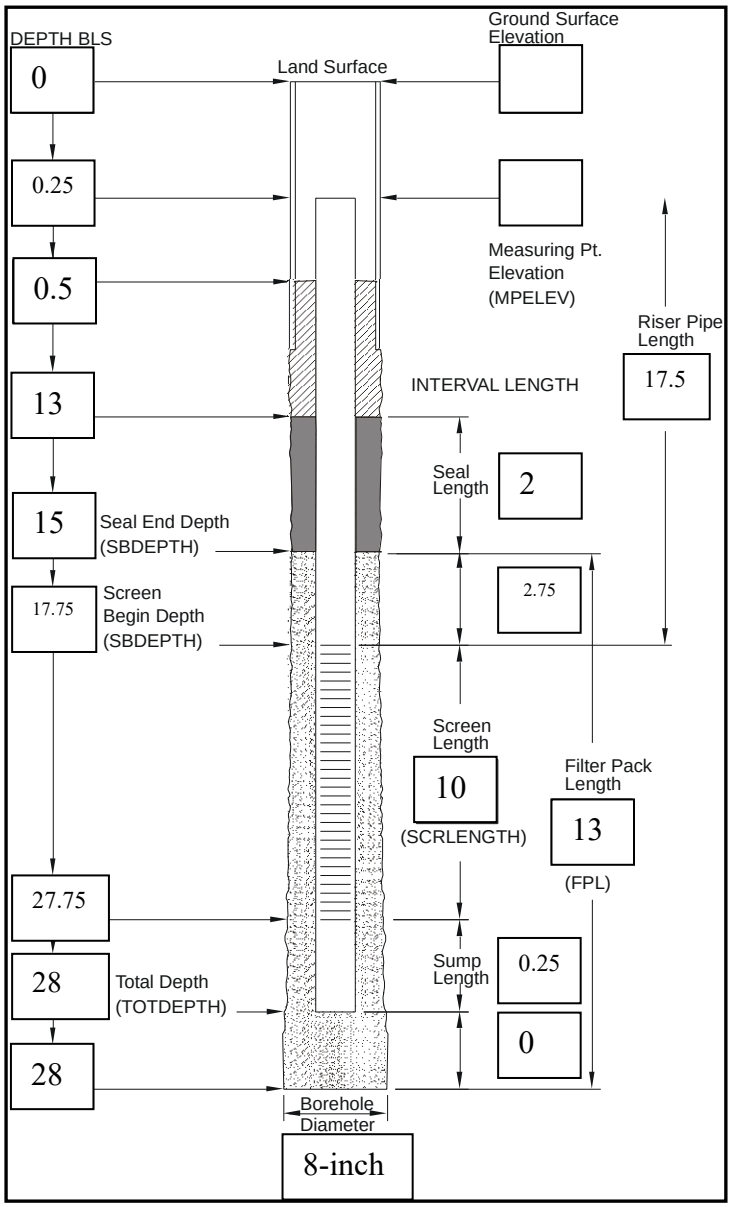
Comments: _____

Well Construction Log – Flush Mount

Geosyntec consultants
engineers | scientists | innovators
10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Well I.D.: MW-47
Drilling Company: Zebra
Driller: JH/JD
Geologist/Engineer: KWH
Geologic Completion Zone: Surficial

Site: EHS
Installation Method: DPT/Hollow Stem Auger
Casing Installation Date: 8/29/2016
Well Type: 2-inch PVC
Well Completion Method: Flush-mount



Notes:
1. Drawing not to scale
2. Units are in feet

Well Completion
Guard Posts: ☐ Yes ☒ No Date: 8/30/2016
Surface Pad Size: 1.5ft x 1.5ft x 0.5 inches thick

Protective Casing or Cover - ☐ None
Diameter:8 inches
Type: ☒ Steel ☐ Aluminum ☐
Depth BGS: 12 inches Weep Hole: ☐ Yes ☒ No

Grout – Date: 8/29/2016
Composition/Proportions:
☒ 95/5 Type I/Type II Cement – Bentonite Mix ☐ Other: ____
Placement Method: ☒ Pressure Tremie ☐ Gravity ☐ Other: ____

Seal - Date: 8/29/2016
Type: ☒ 3/8" Bentonite Chips ☐ Morie #00 Sand
☐ Coated Bentonite Pellets-Time:____ ☐ Other: ____
Source/Brand: PDS
Set-up/Hydration Time: 1 hour
Placement Method: ☒ Pressure Tremie ☐ Gravity ☐ Other: ____
Vol. Fluid Added: 5 ☒ gallons ☐ liters

Filter Pack
Type: ☐ Morie #2 Sand or equiv. ☒ Morie #1 Sand or equiv.
☐ Gravel ☐ Other: ____
Source/Brand: Filpro
Amount Used: 4 ☒ bags ☐ pounds
Placement Method: ☒ Pressure Tremie ☐ Gravity
☐ Other: ____

Well Riser Pipe
Material: ☒ Schedule 40 PVC – Flush Threaded Joints
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____

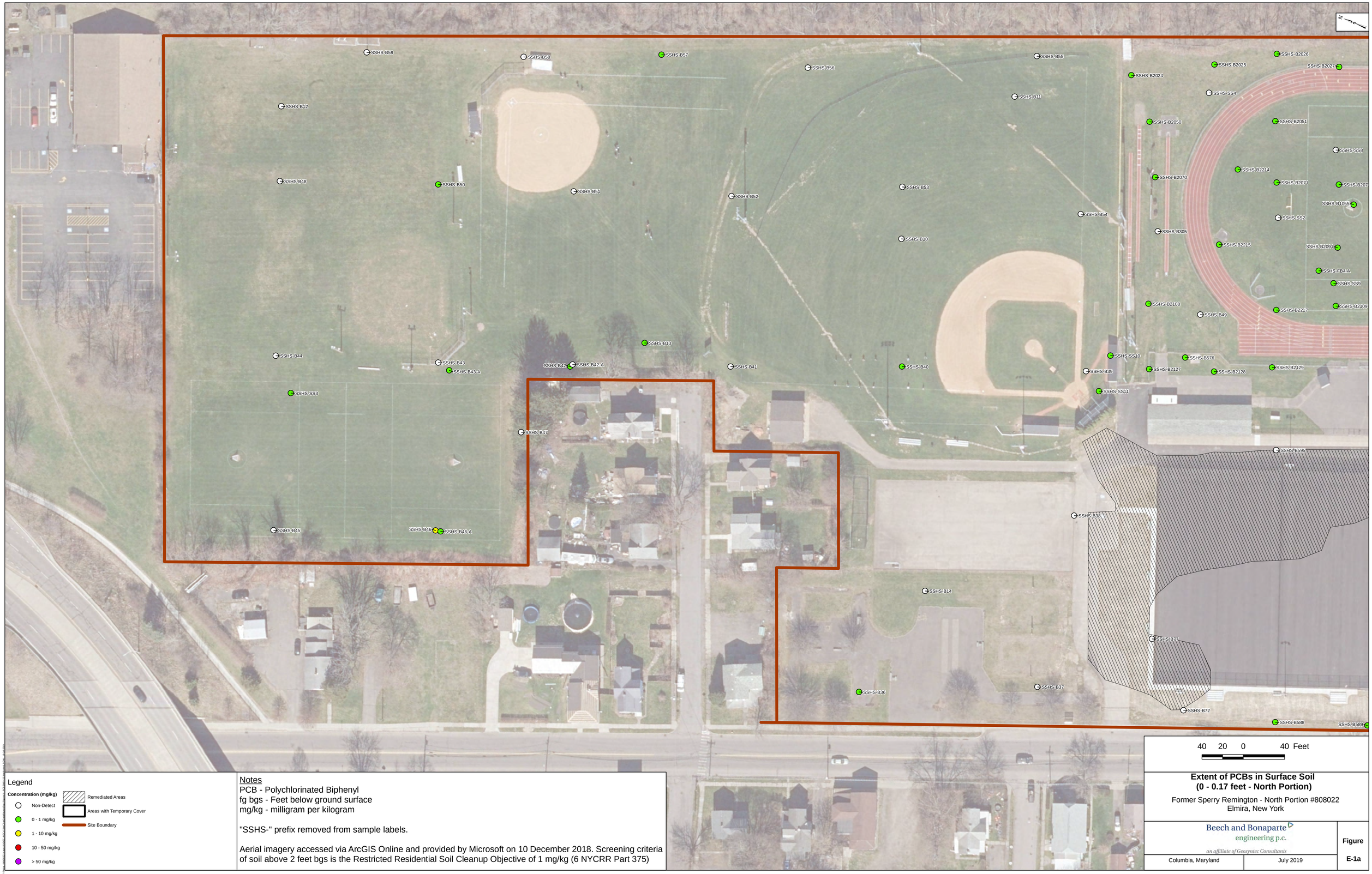
Screen
Material: ☒ Schedule 40 PVC – Machine Slotted
☐ Other: ____
Casing Inside Diameters: ☒ Nominal 2-inch – 2.047-inch I.D.
☐ Nominal 4-inch – 3.998-inch I.D. ☐ Other: ____
Screen Slot Size: ☒ 0.010-inch ☐ 0.020-inch ☐ Other: ____
Percent Open Area: ☒ 3.25% - 2-inch, 0.010 slot ☐ Other: ____
Sump or Bottom Cap: ☒ Yes ☐ No Brand: ____

Backfill Plug ☐ Yes ☒ No
Material: ☐ Grout ☐ Bentonite
Placement Method: ☐ Pressure Tremie ☐ Gravity ☐ Other: ____
Set-up/Hydration Time:____

Total Water Volume During Construction
Introduced: 5 gallons Recovered: 0 gallons

Comments: ____

APPENDIX E
COPC DELINEATION MAPS



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Surface Soil
(0 - 0.17 feet - North Portion)

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

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

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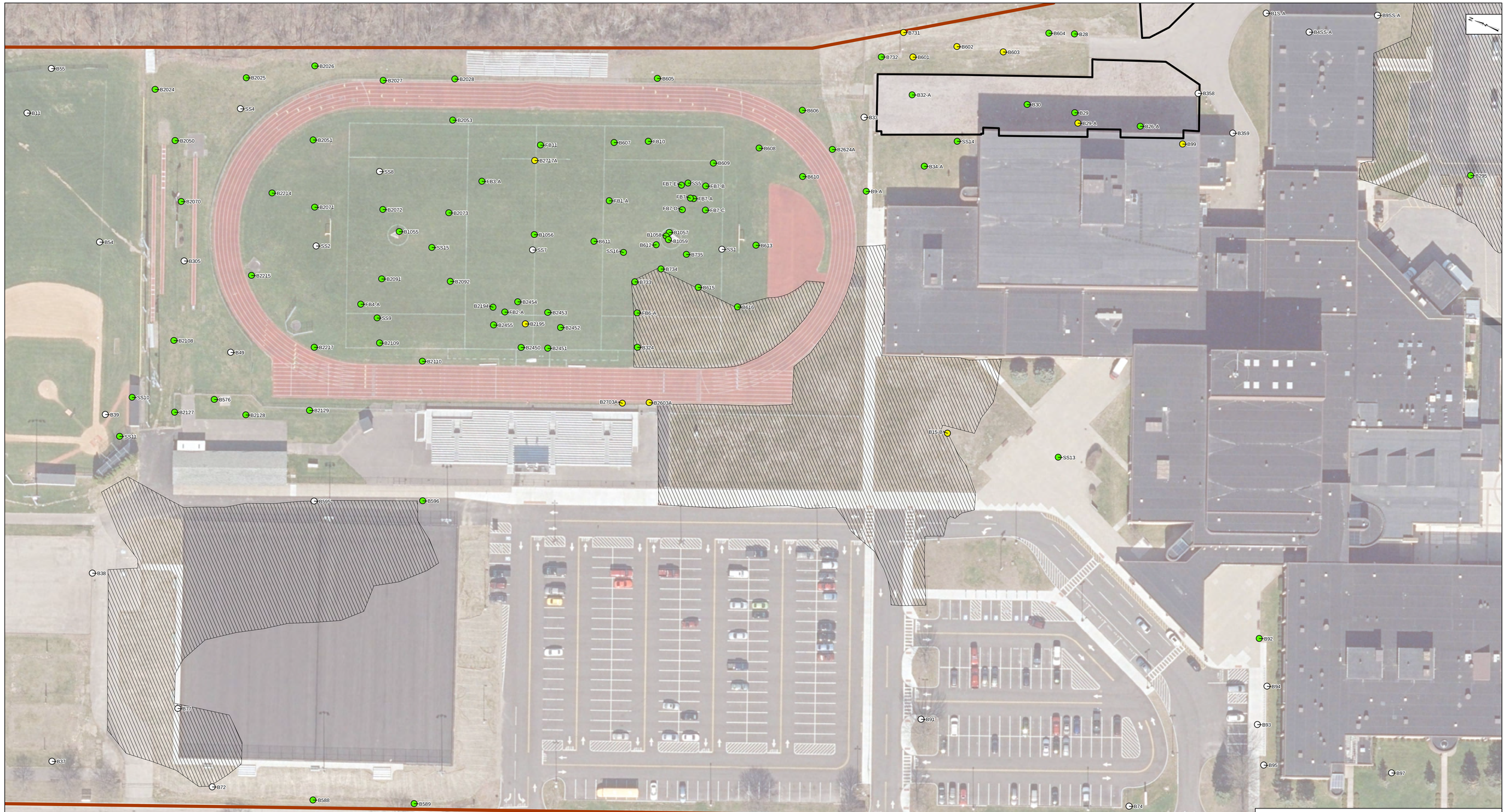
Figure E-1a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Surface Soil (0 - 0.17 feet - Central Portion)

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

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Figure E-1b

B731 B604 B28 B602 B603 B732 B601 B605 B32-A B358 B606 B30 B29 B38 B29-A B26-A B359 B607 FB10 SS14 B99 B608 B2624A B609 B34-A B610 FB7-E SS5 FB7-B B9-A FB7-A FB7-D FB7-C B1057 B1058 B1059 B612 SS1 B613 SS16 B735 B734 B733 B615 B616 FB6-A B324 B2703A B2603A B15-B SS13 B92 B94 B91 B97 B1S-A B9SS-A B4SS-A B25 B24 B597 B23 B296 B298 B297 B21 B98

Legend

Concentration (mg/kg)

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

Remediated Areas

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Surface Soil
(0 - 0.17 feet - South Portion)

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

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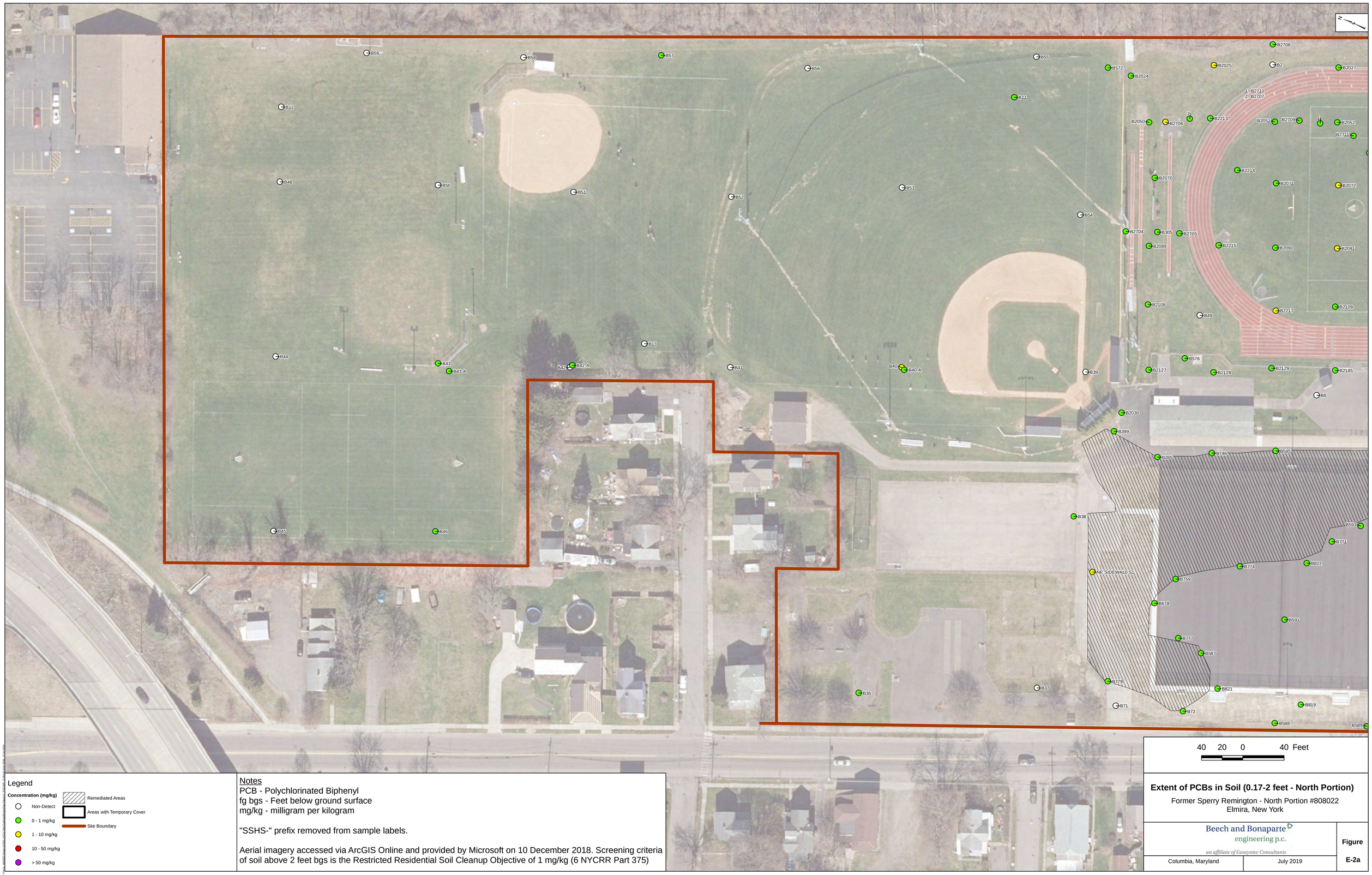
Figure E-1c



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (0.17-2 feet - North Portion)

Former Sperry Remington - North Portion #808022
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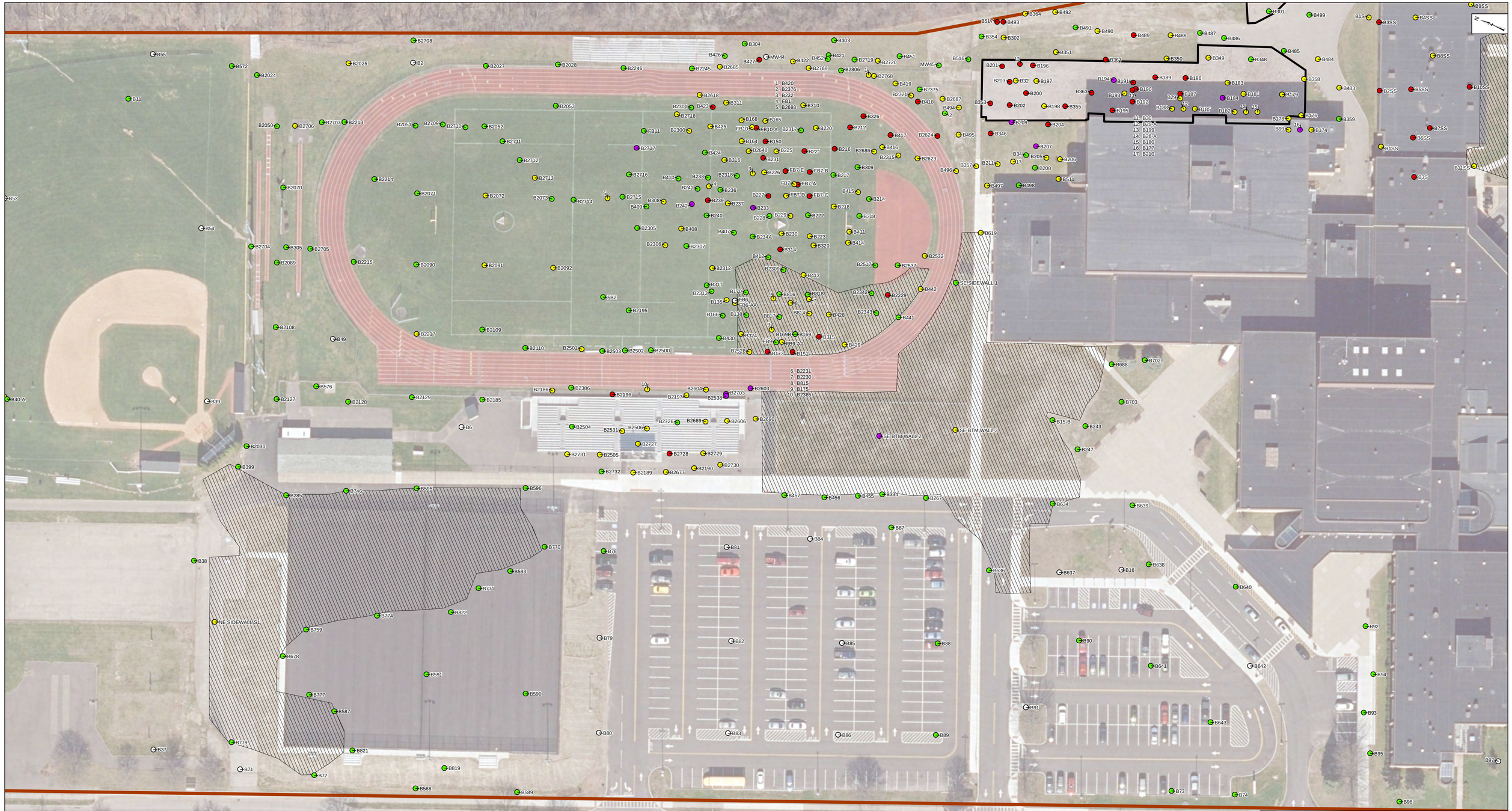
Figure E-2a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (0.17-2 feet - Central Portion)

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

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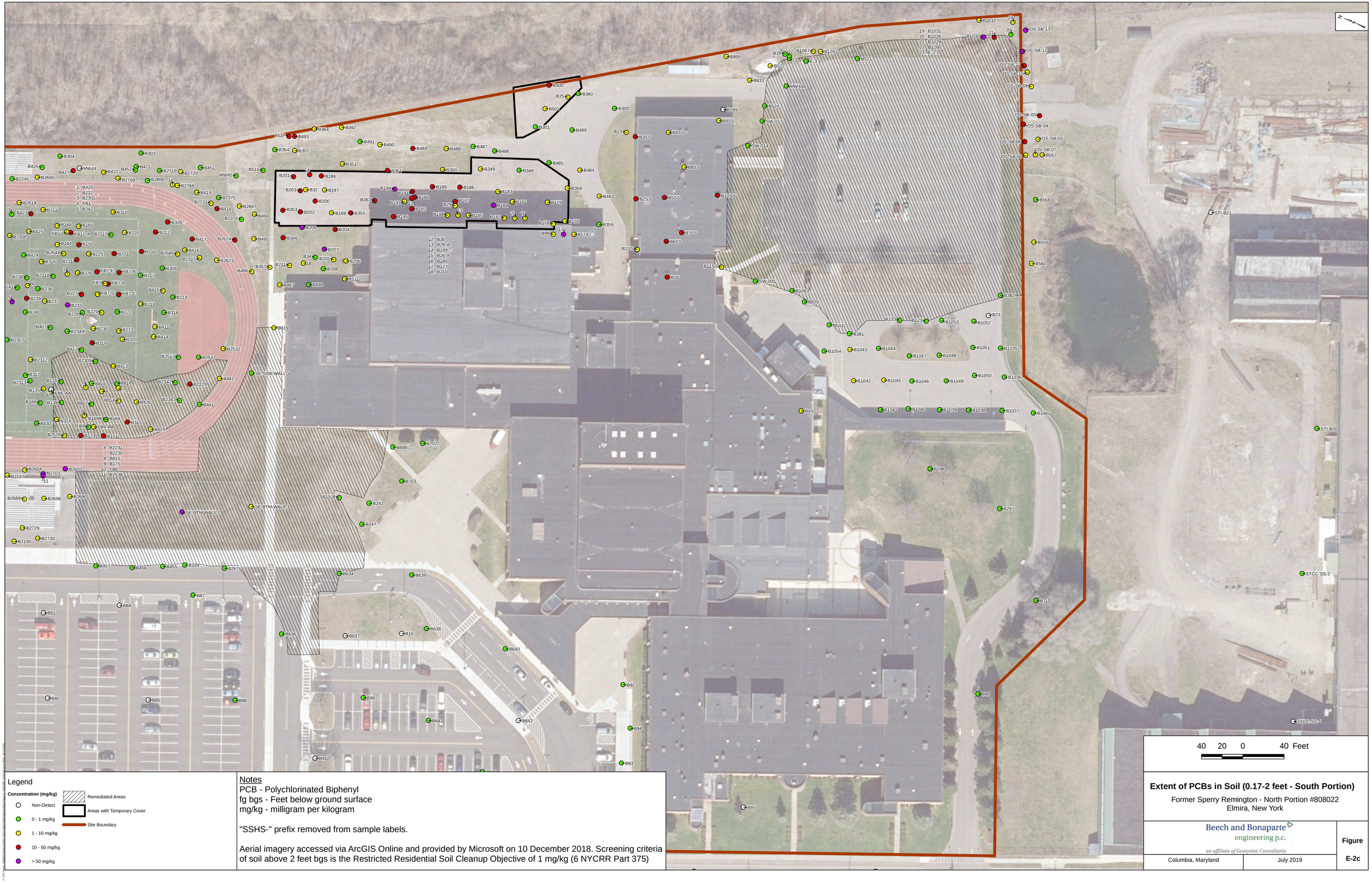
Figure E-2b



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (0.17-2 feet - South Portion)

Former Sperry Remington - North Portion #808022
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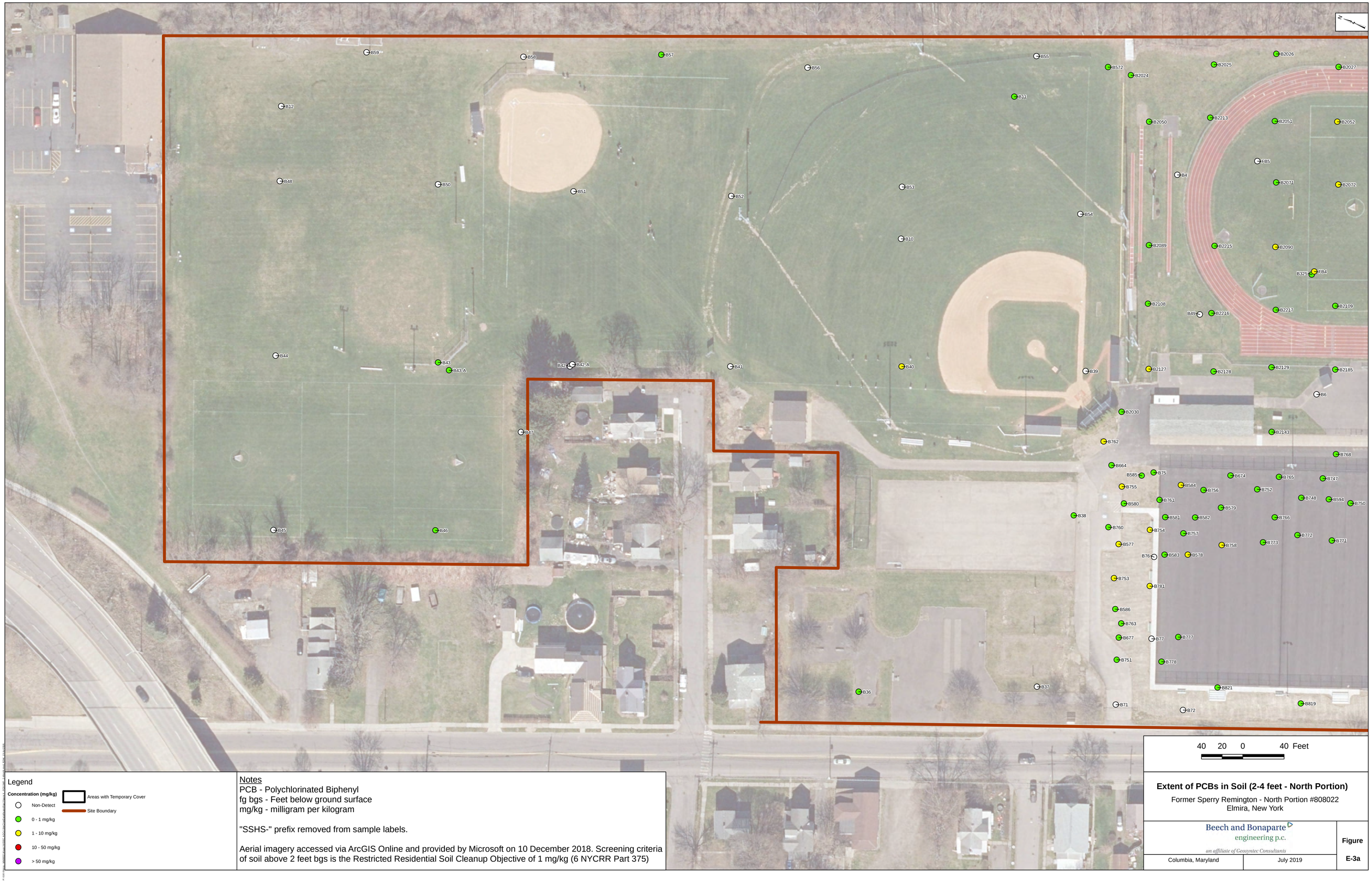
Figure
E-2c



Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (2-4 feet - North Portion)

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

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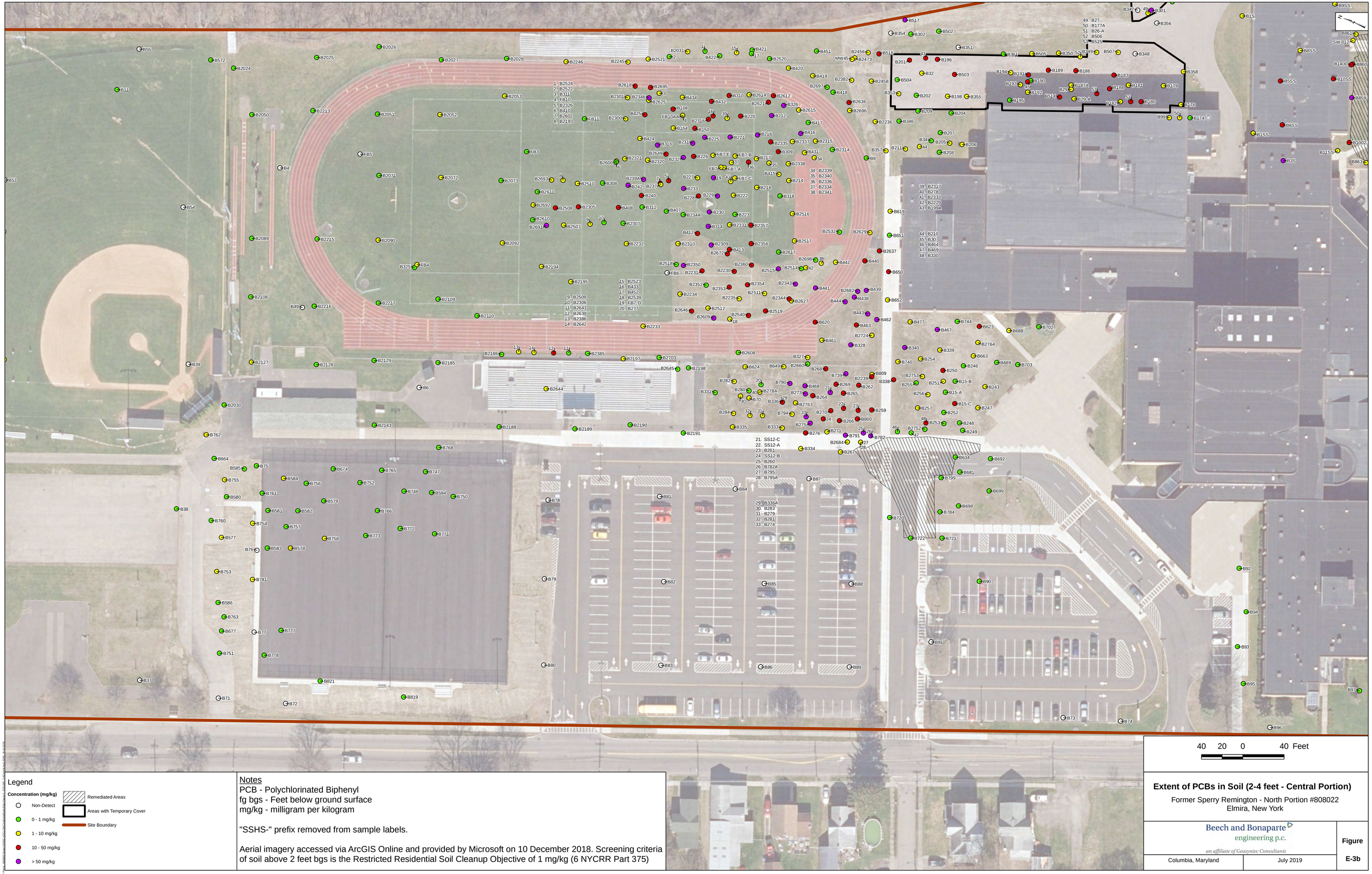
Figure E-3a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (2-4 feet - Central Portion)

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

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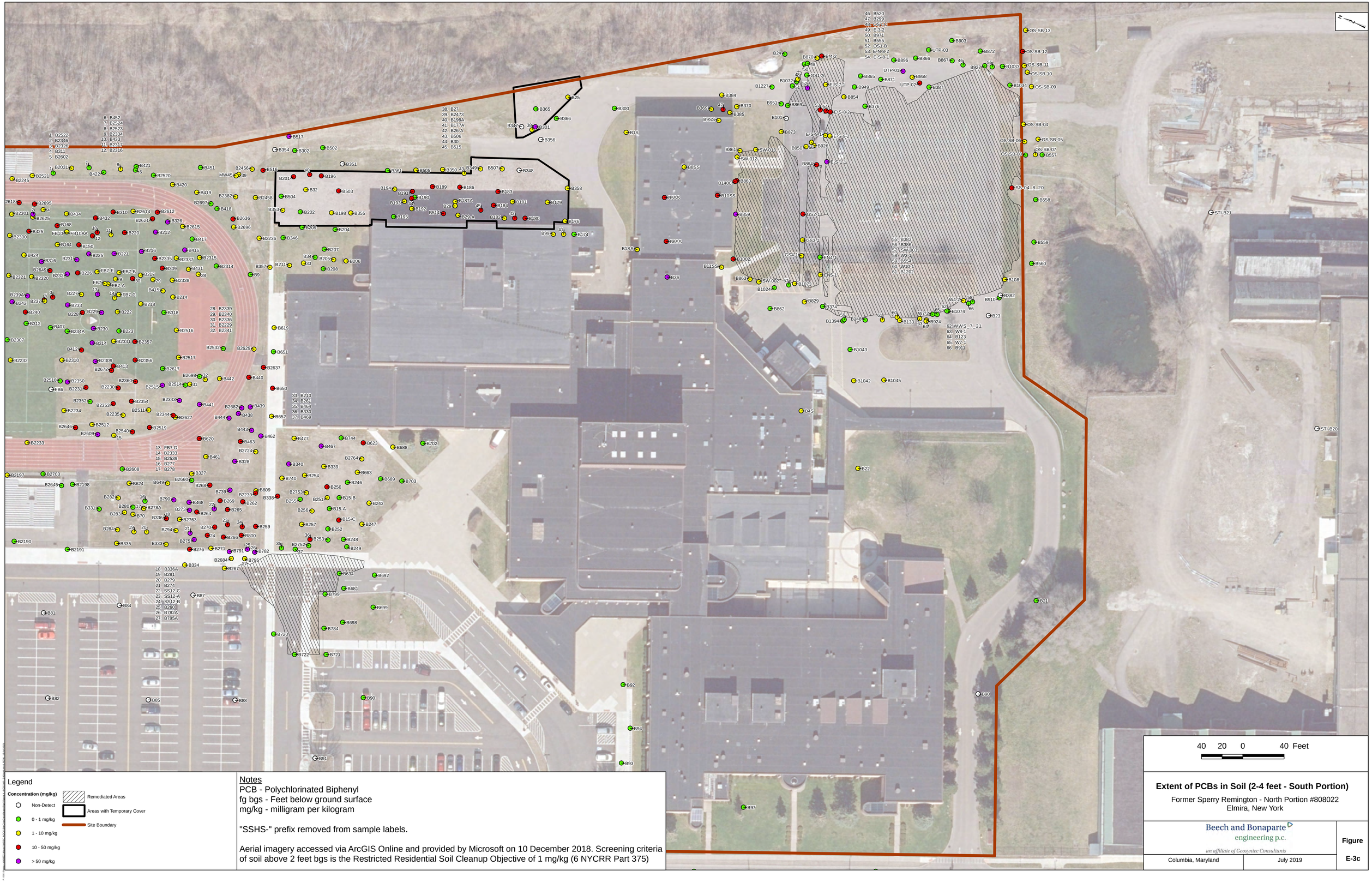
Figure E-3b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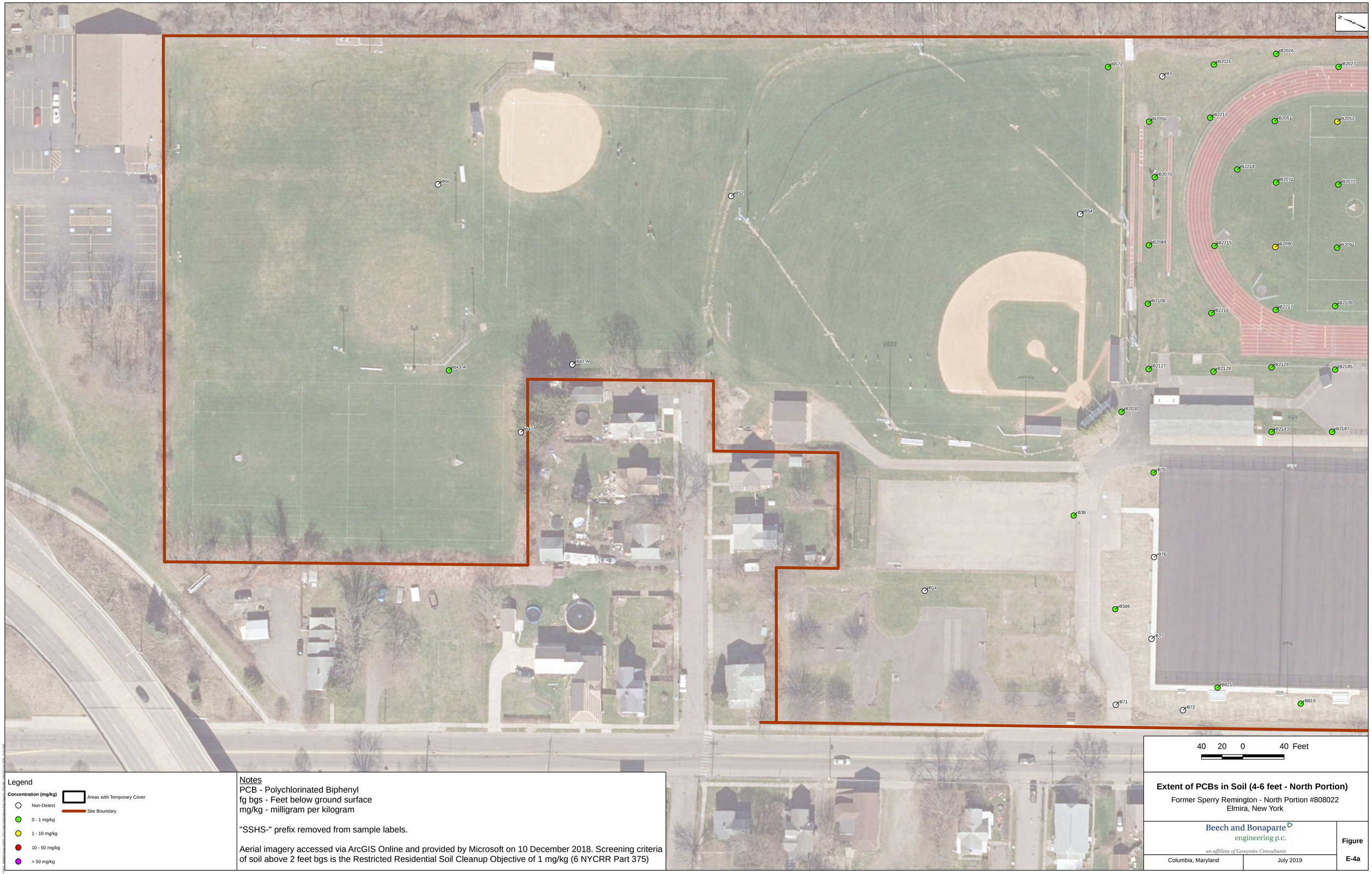

Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (4-6 feet - North Portion)

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

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

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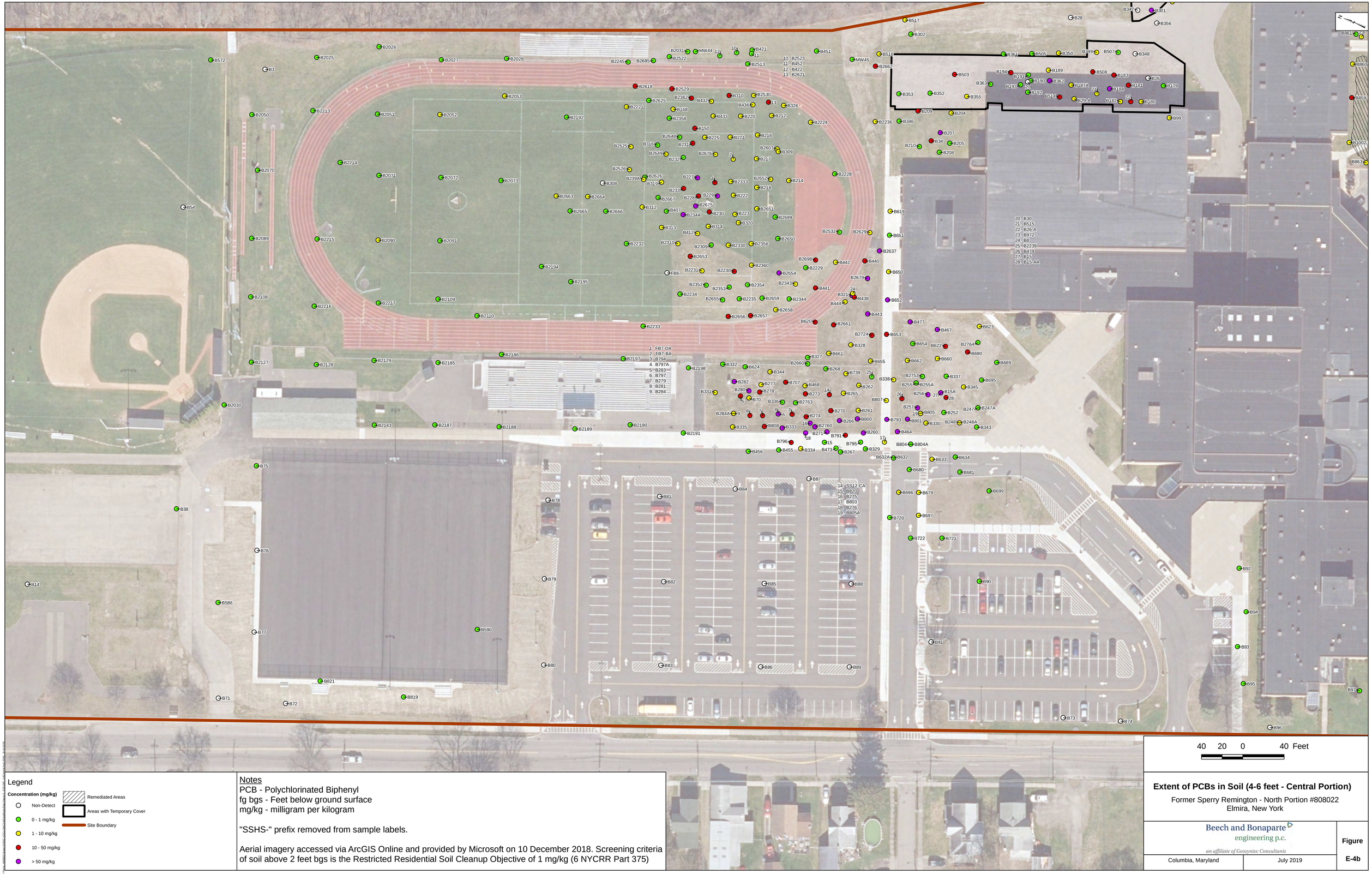
Figure E-4a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (4-6 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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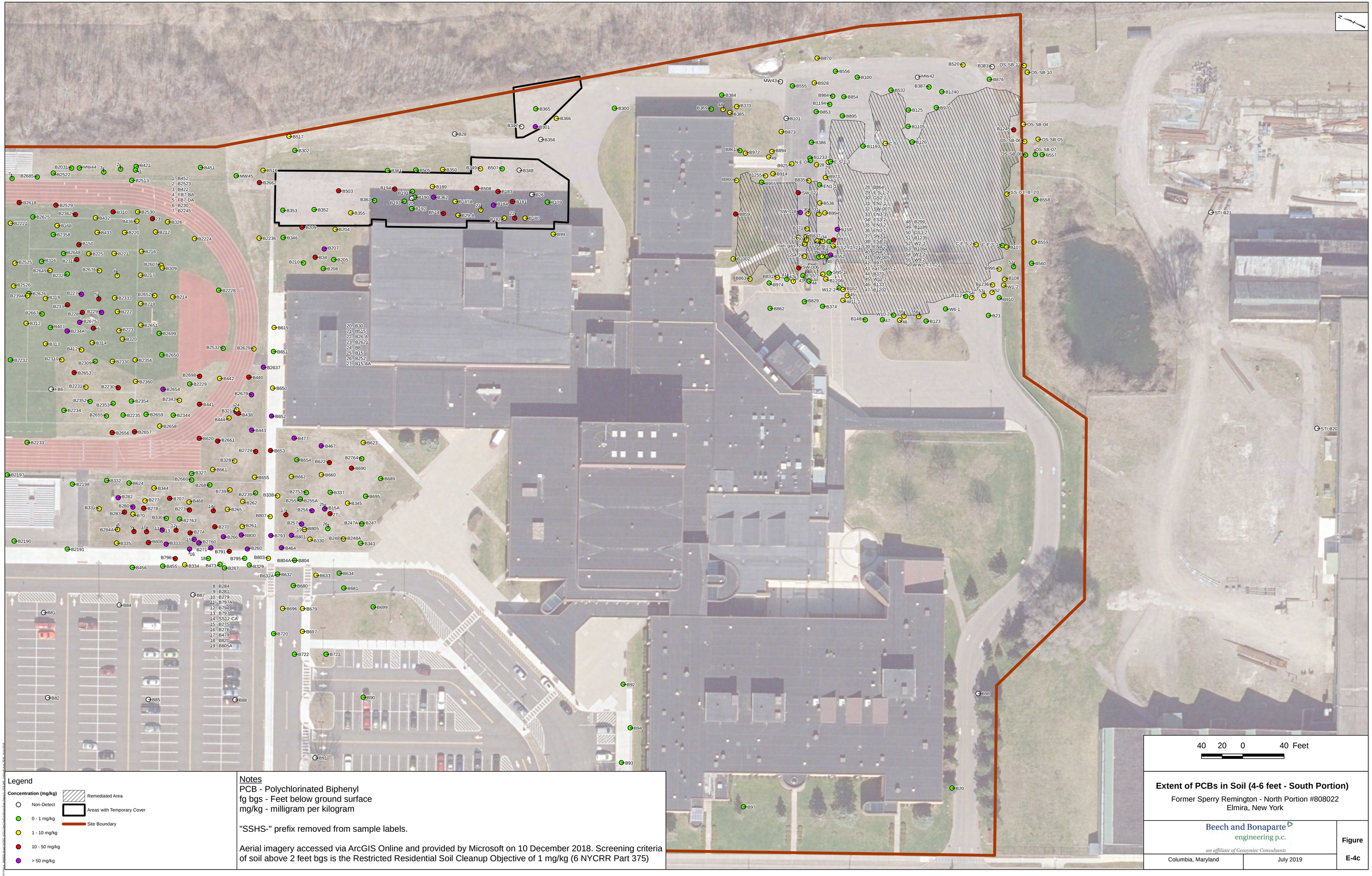
Figure E-4b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B2127
B2128
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B2185
B2030
B2143
B2187
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B821
B819
B71
B72
B50
B43:A
B42:A

N

40 20 0 40 Feet

Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (6-8 feet - North Portion)

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

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

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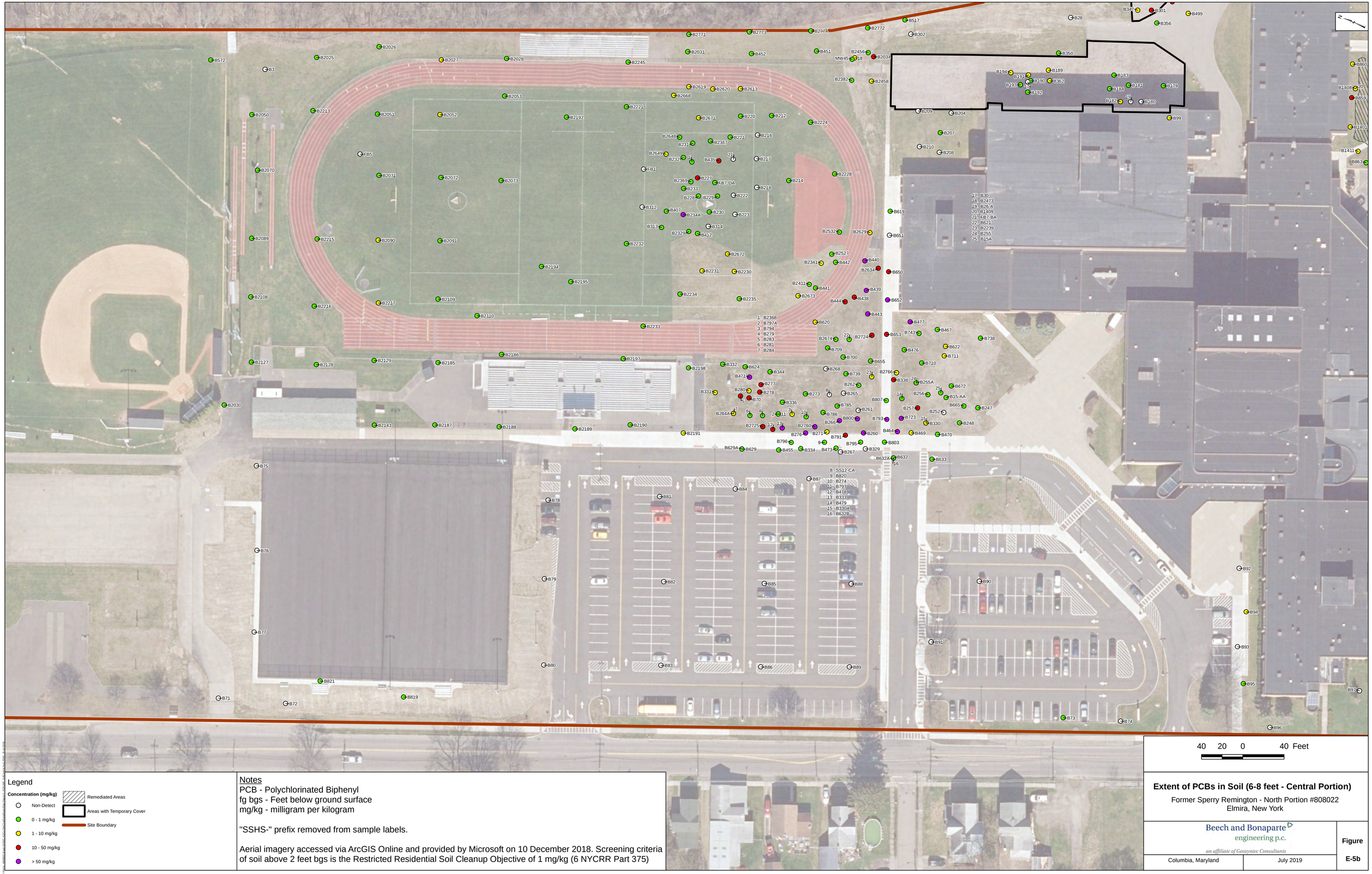
Figure E-5a



Legend

Concentration (mg/kg)

- Non-Detect
- 0 - 1 mg/kg
- 1 - 10 mg/kg
- 10 - 50 mg/kg
- > 50 mg/kg
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (6-8 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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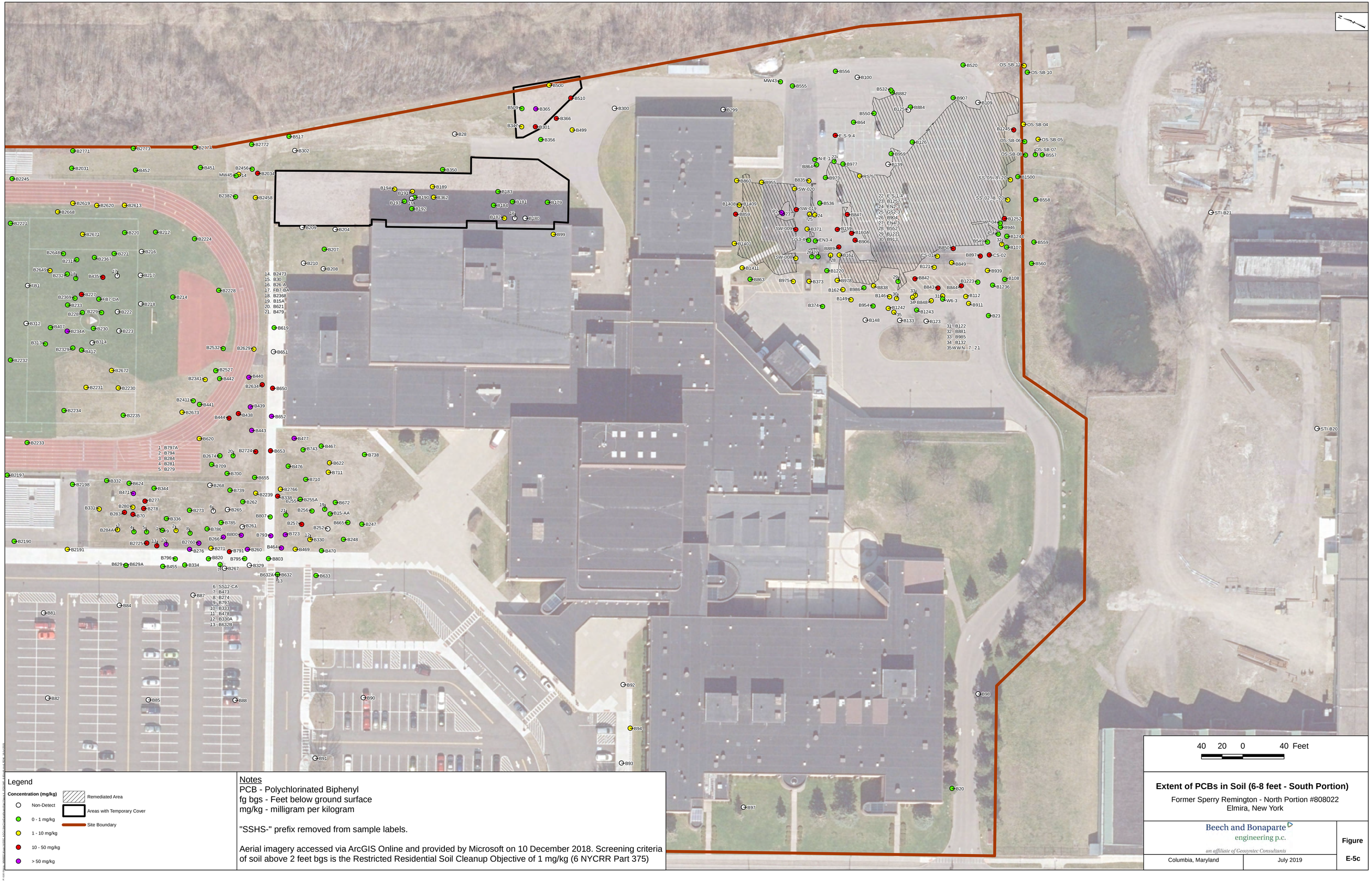
Figure E-5b



Legend

Concentration (mg/kg)

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

Remediated Area

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (6-8 feet - South Portion)

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

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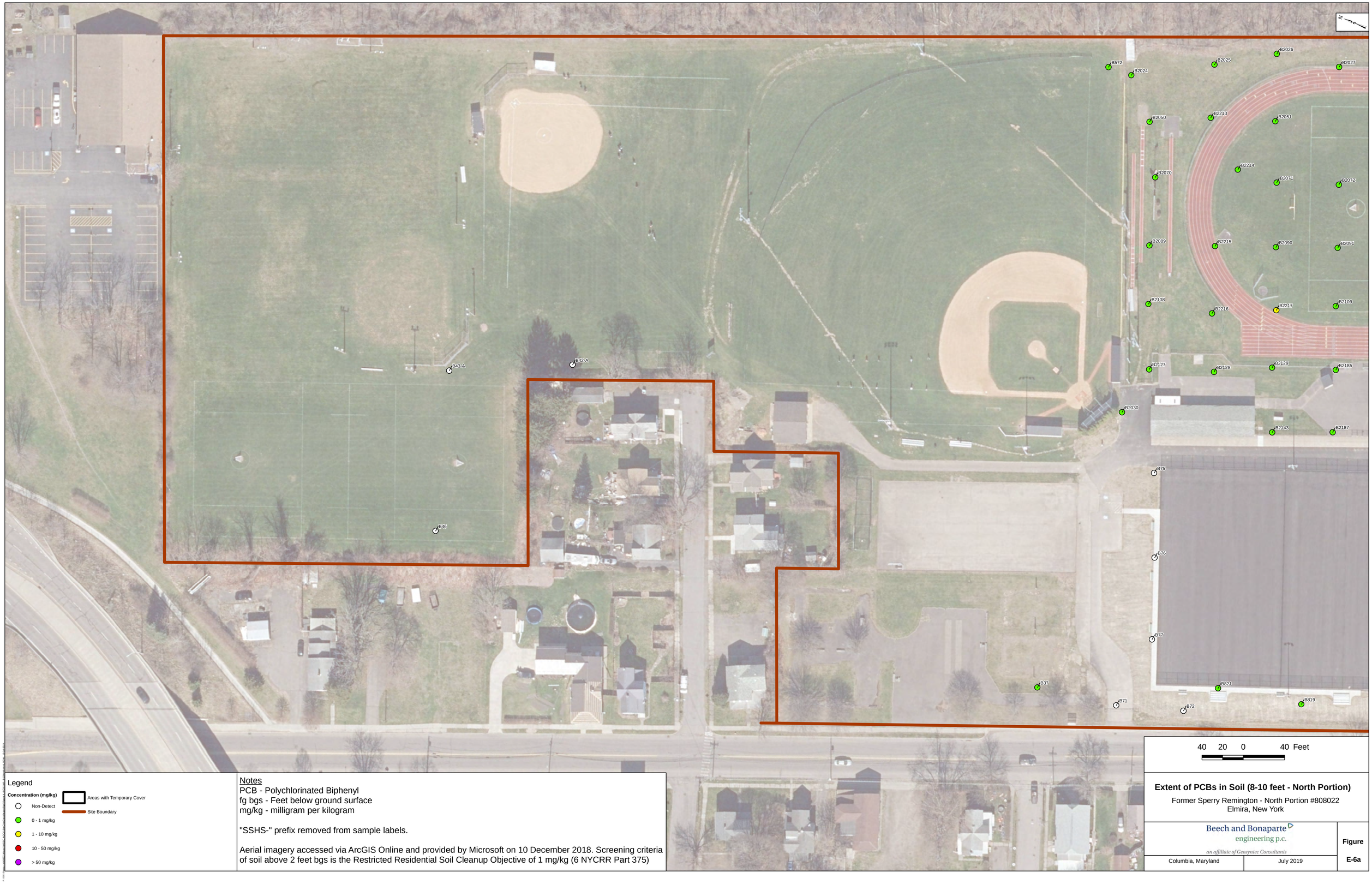
Figure E-5c



Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (8-10 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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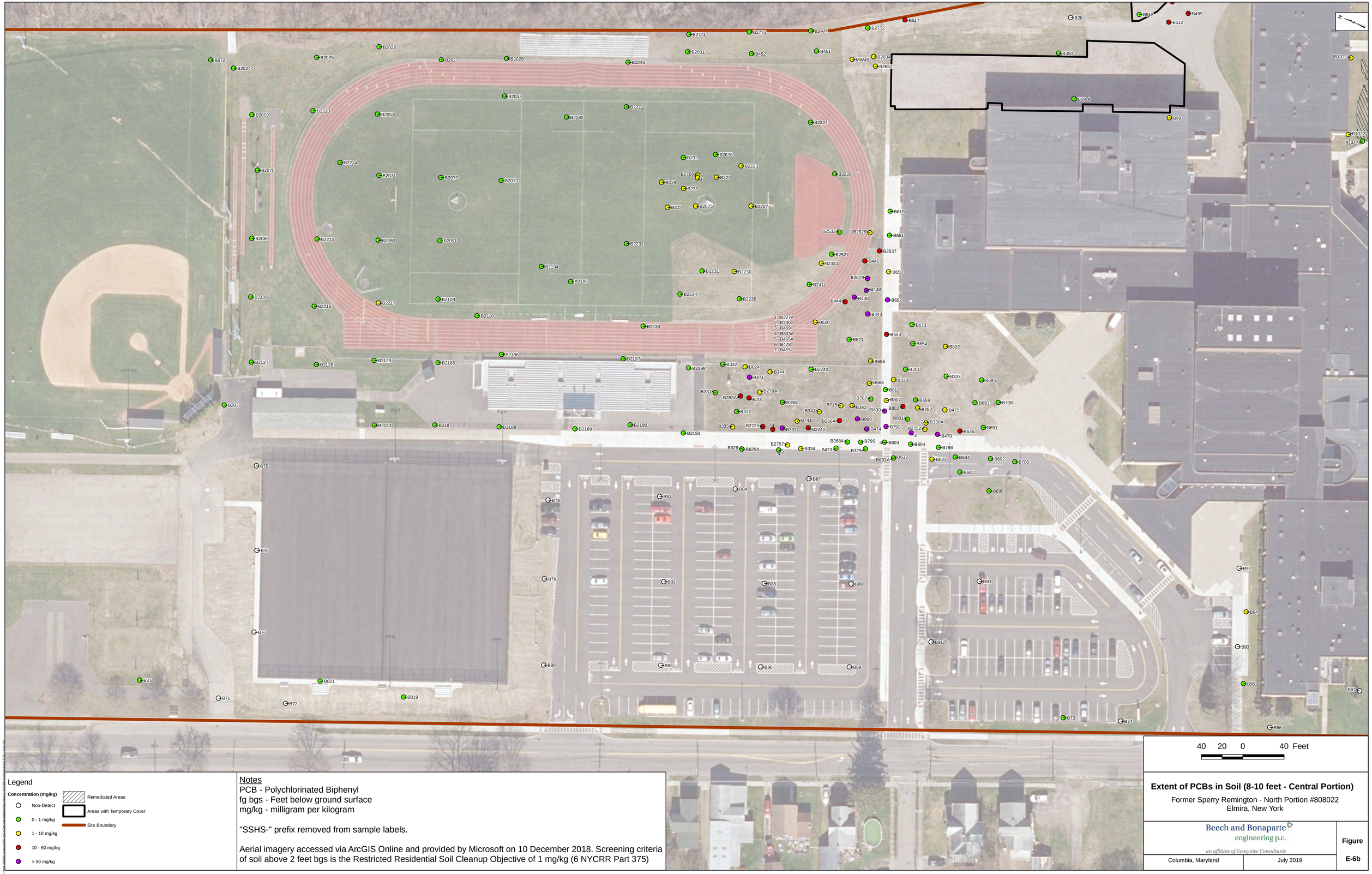
Figure E-6a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (8-10 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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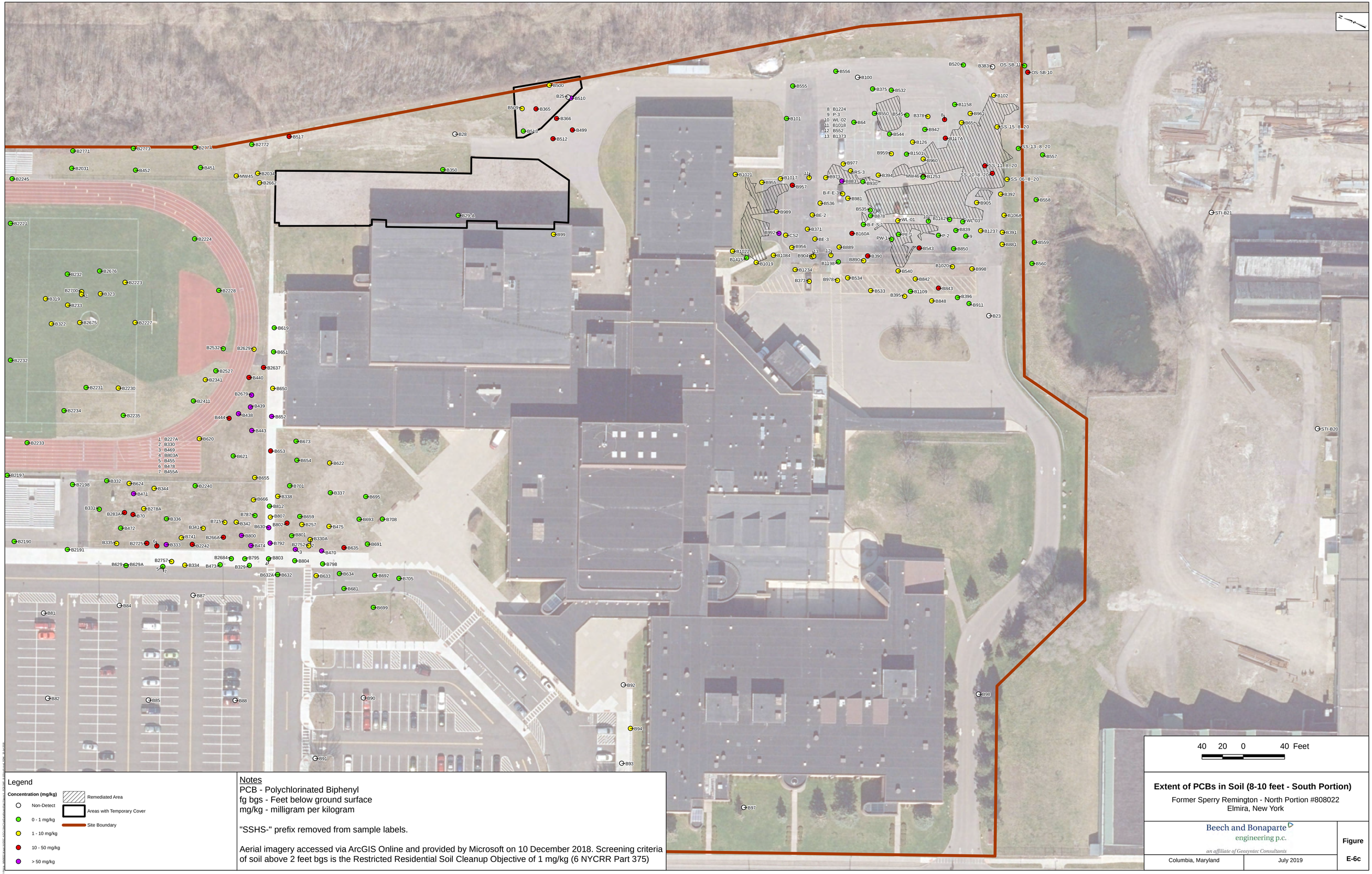
Figure E-6b

P:\Projects\Elmira\Sperry Remington\Figures\Extent of PCBs in Soil (8-10 feet - Central Portion).mxd 1/3/2020



Legend

Concentration (mg/kg)

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

- Remediated Area
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (8-10 feet - South Portion)

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

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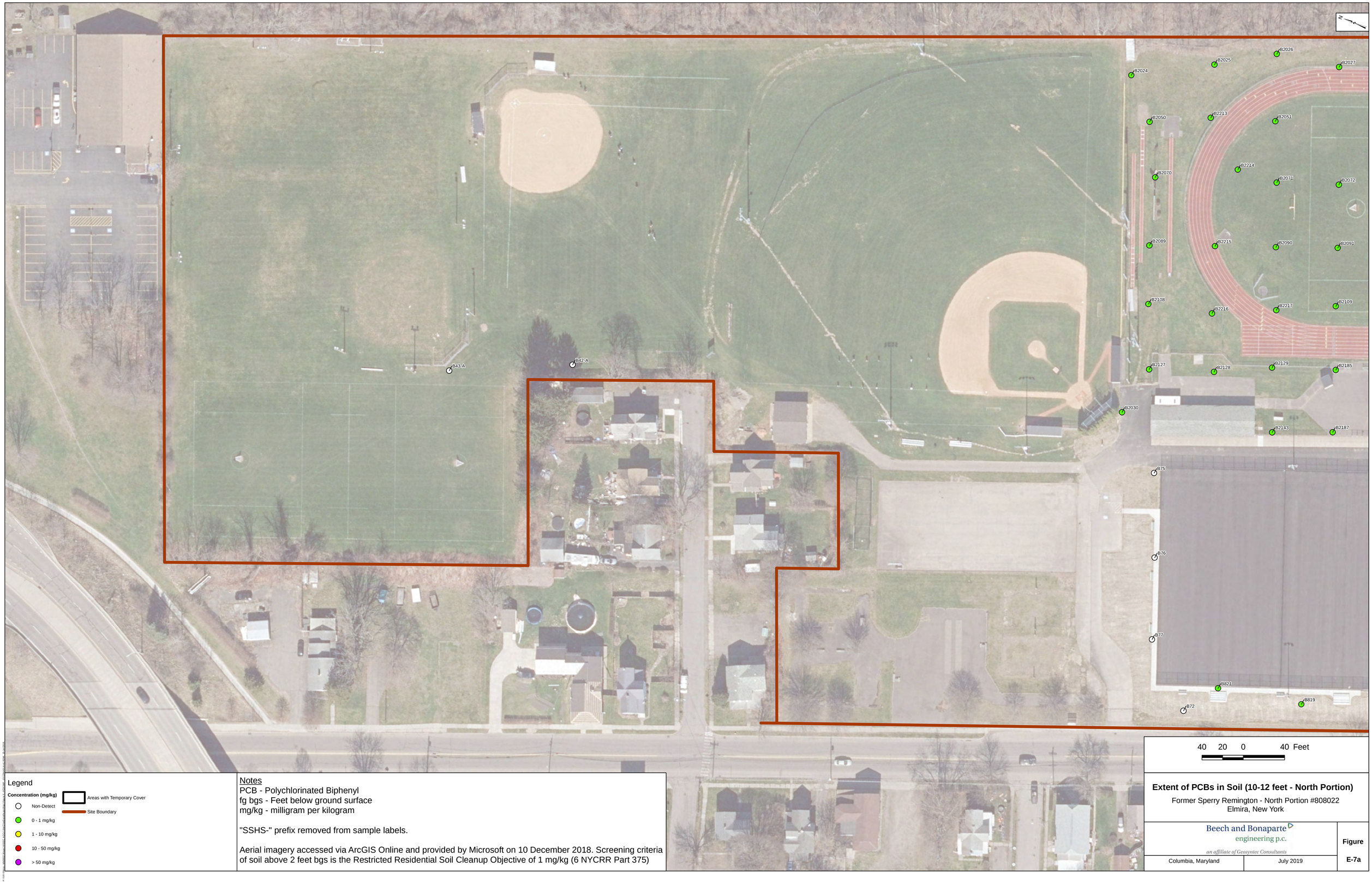
Figure E-6c



Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (10-12 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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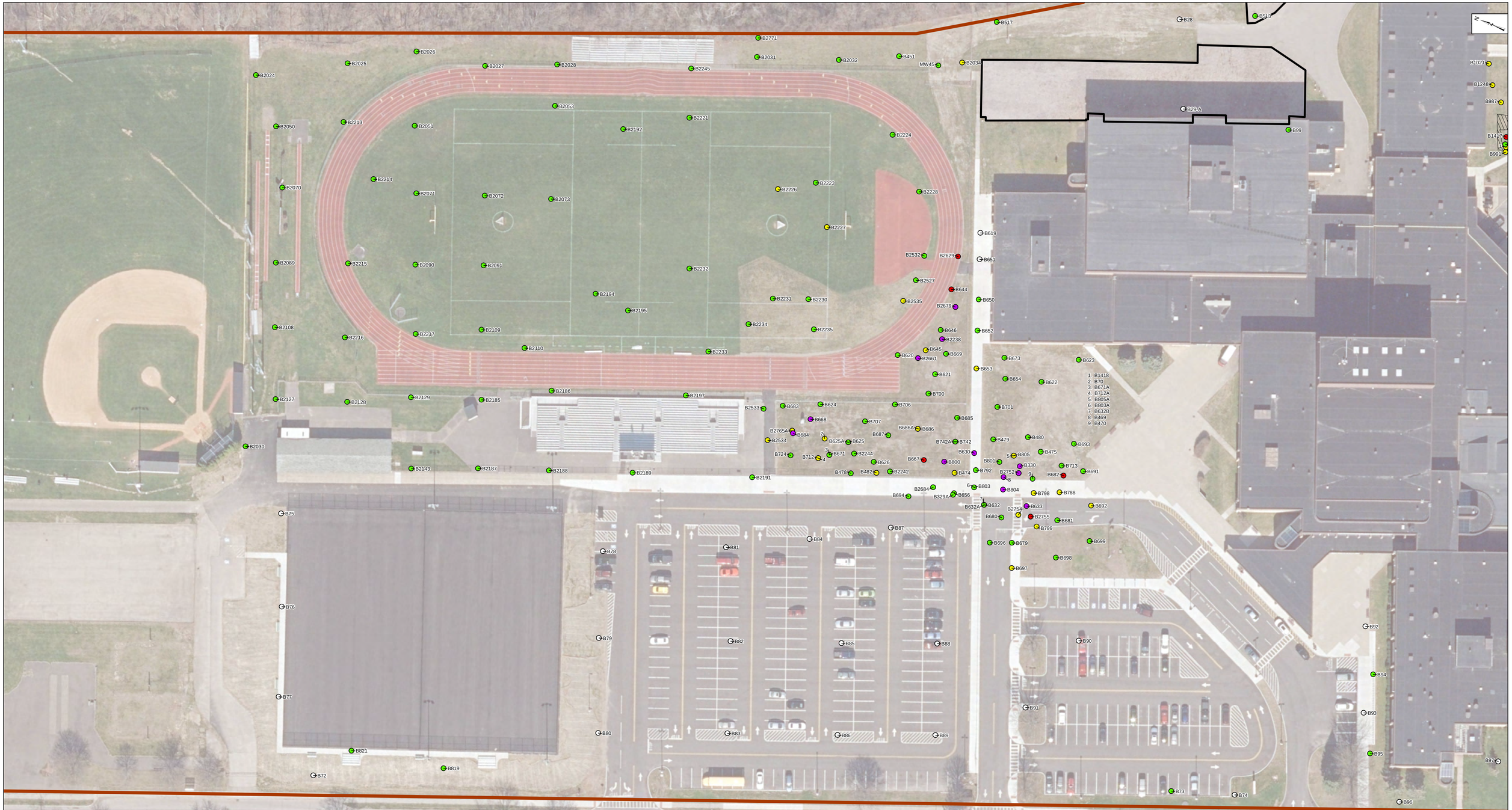
Figure E-7a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (10-12 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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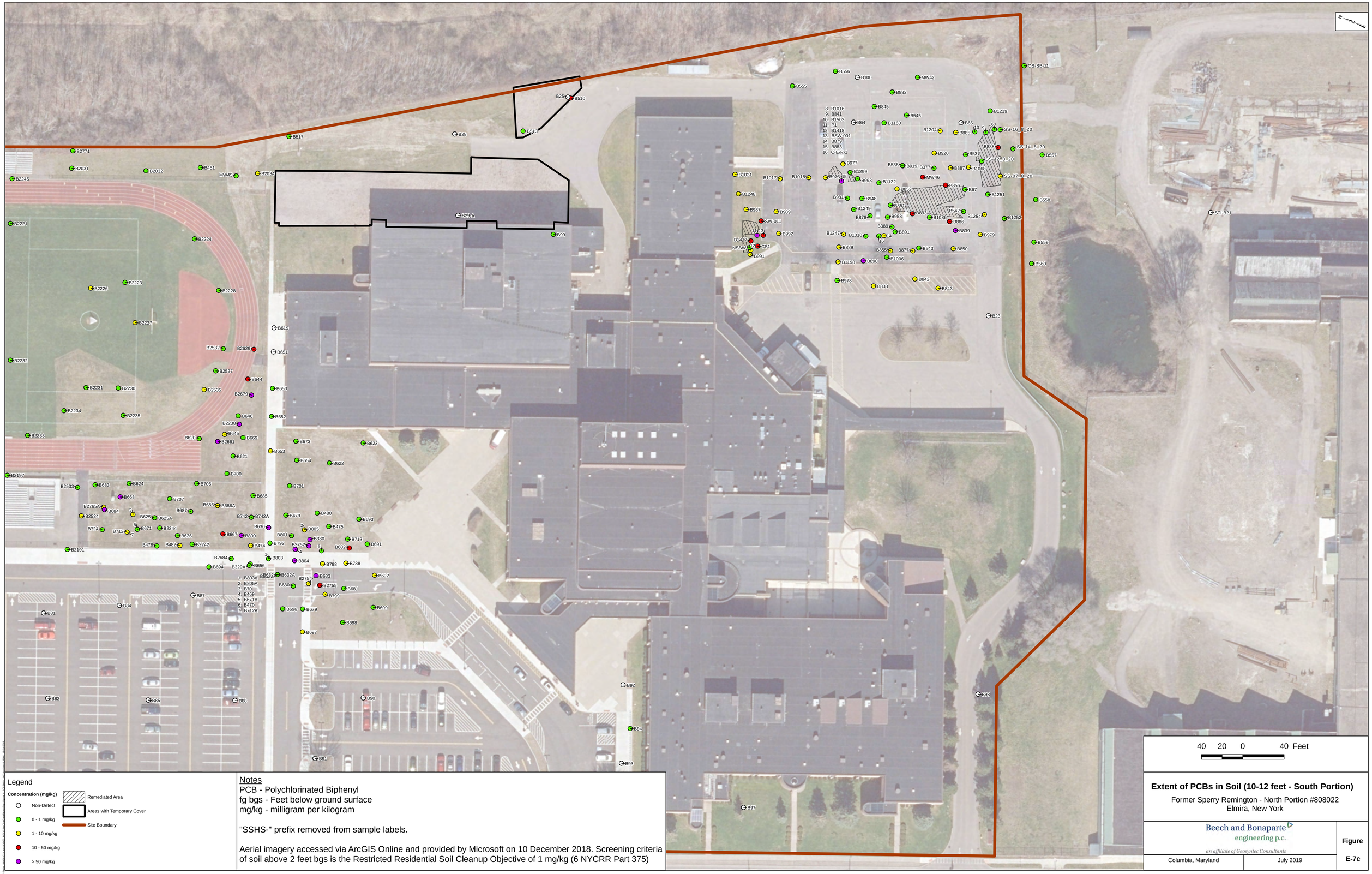
Figure E-7b



Legend

Concentration (mg/kg)

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

Remediated Area

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (10-12 feet - South Portion)

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

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Figure E-7c

B2026
B2025
B2027
B2024
B2050
B2213
B2051
B2214
B2070
B2071
B2072
B2089
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B2090
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B2108
B2216
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B2109
B2127
B2128
B2129
B2185
B2030
B2143
B2187
B75
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B77
B821
B819
B72
B42:A
B43:A

40 20 0 40 Feet

Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (12-14 feet - North Portion)

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

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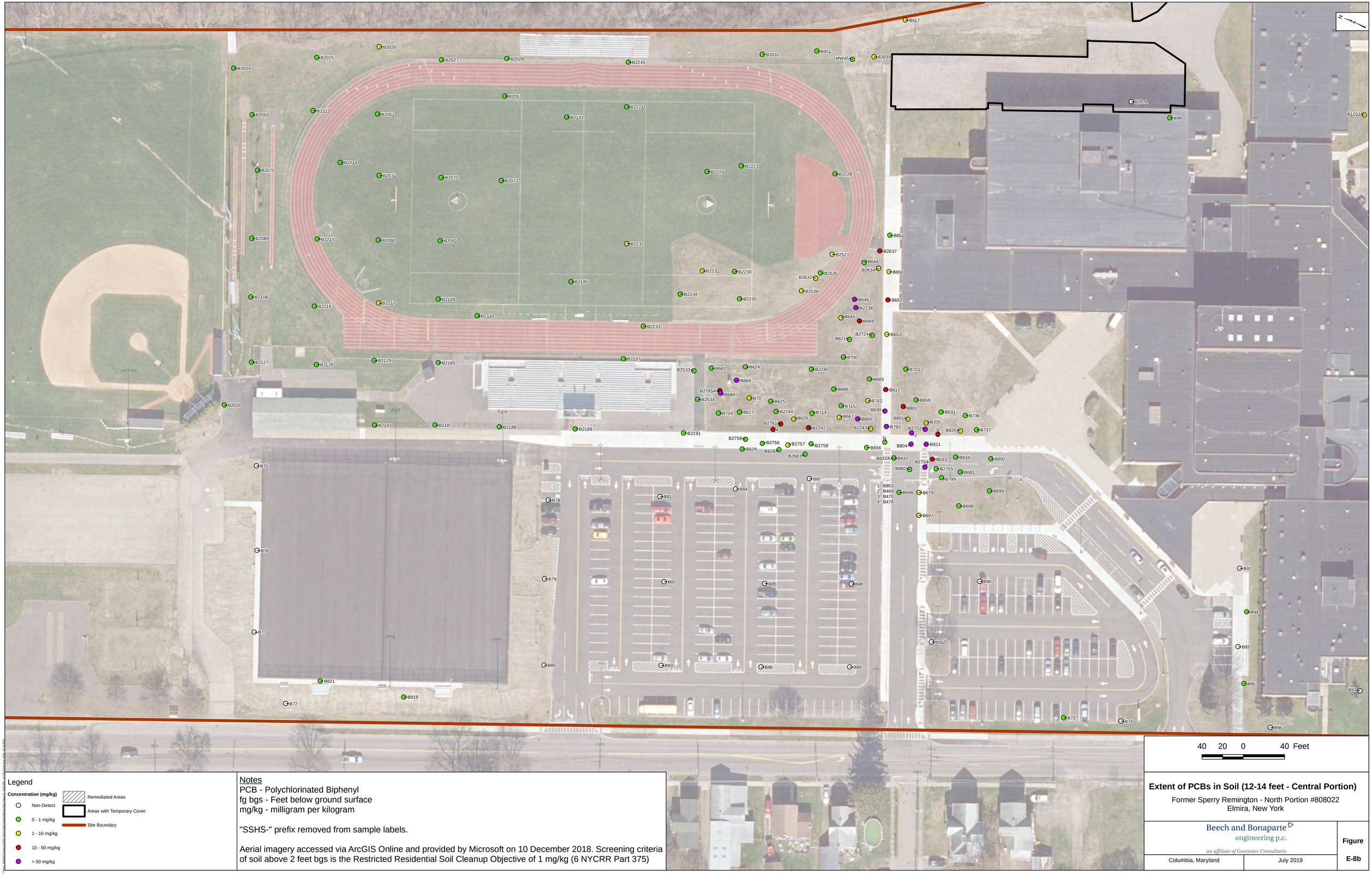
Figure E-8a



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (12-14 feet - Central Portion)

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

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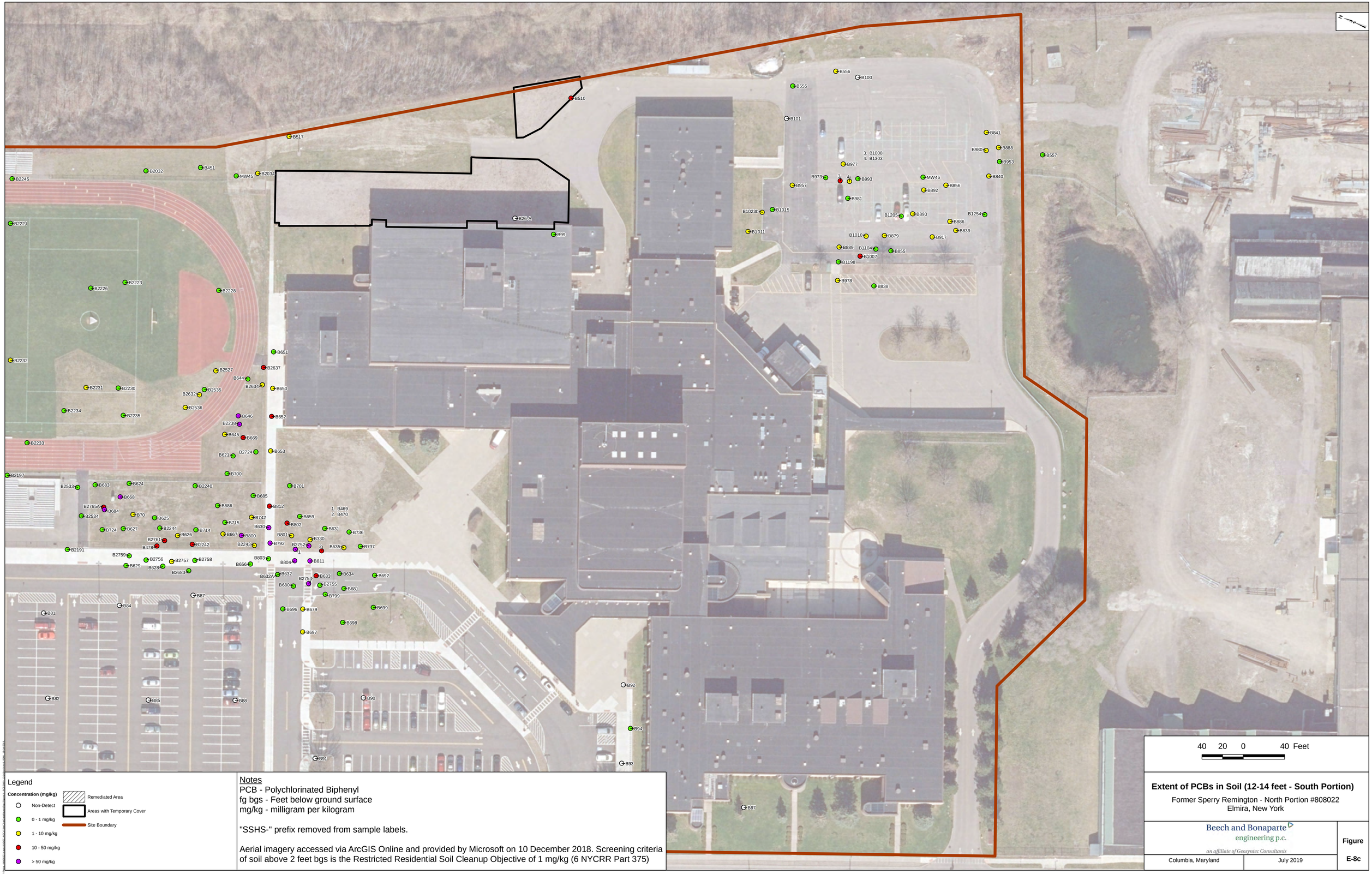
Figure E-8b

P:\Projects\Elmira\GIS\MXD\Extent of PCBs in Soil (12-14 feet - Central Portion).mxd, 11/1/2019 10:03:04 AM, dbrown



Legend

Concentration (mg/kg)

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

Remediated Area

Areas with Temporary Cover

Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

40 20 0 40 Feet

Extent of PCBs in Soil (12-14 feet - South Portion)

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

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Figure E-8c

B572

B75

B76

B77

B821

B819

40 20 0 40 Feet

Extent of PCBs in Soil (14-16 feet - North Portion)

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

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

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Legend

Concentration (mg/kg)

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

Areas with Temporary Cover

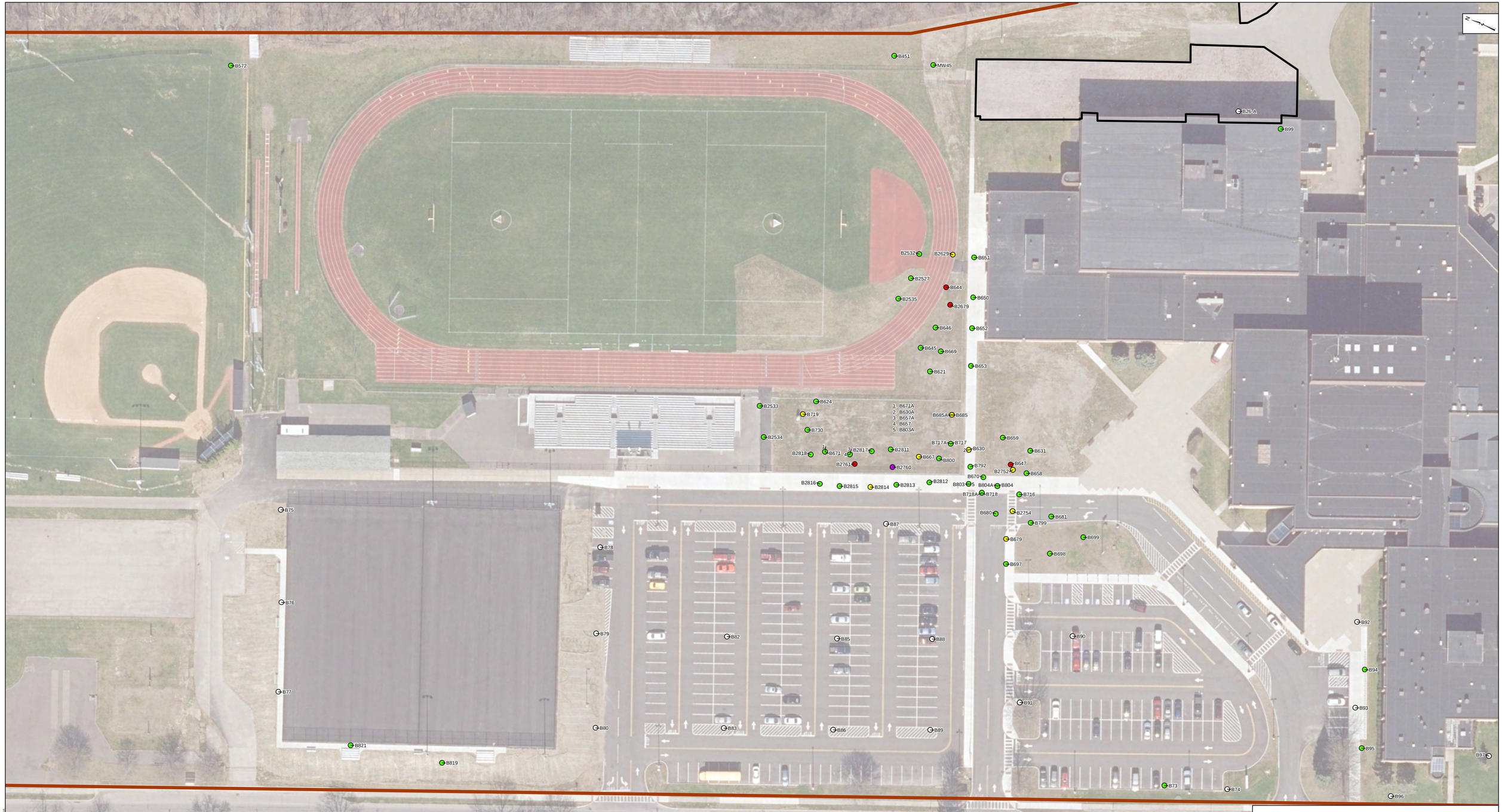
Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)



Legend

Concentration (mg/kg)

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

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (14-16 feet - Central Portion)

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

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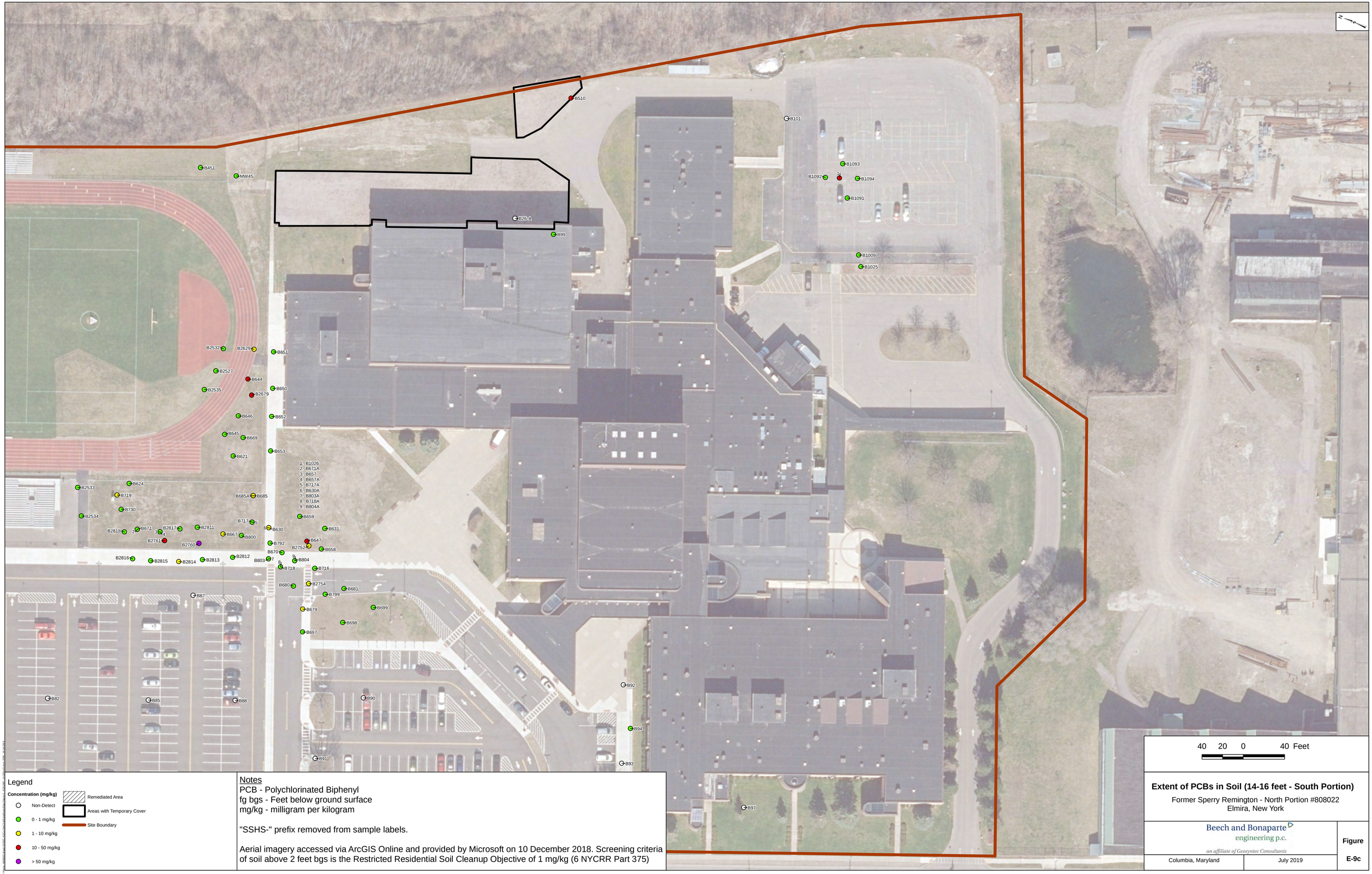
Figure E-9b



Legend

Concentration (mg/kg)

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

- Remediated Area
- Areas with Temporary Cover
- Site Boundary

Notes

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

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018. Screening criteria of soil above 2 feet bgs is the Restricted Residential Soil Cleanup Objective of 1 mg/kg (6 NYCRR Part 375)

Extent of PCBs in Soil (14-16 feet - South Portion)

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

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Figure E-9c

B59 B58 B57 B56 B55 B2026 B2025 B2027 B2024 SS4 B11 B2050 B2051 SS8 B12 B2214 B48 B50 B51 B52 B53 B2070 B2071 B2072 B2796 B2797 B54 SS2 B2798 B2799 B10 B2800 B2089 B2215 B2091 B2794 B2792 SS9 B2795 B2793 B2108 B2217 B2109 B49 B13 B44 B43 B43-A B42 B42-A B41 B40 SS10 B39 B2127 B2128 B2129 SS3 SS11 B47 B2143 B38 B45 B46 B14 B36 B37 B72

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Surface Soil
(0 - 0.17 feet - North Portion)

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

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Figure E-10a

B28
B55
B2026
B2025
B2027
B2028
B2031
B2032
B2033
B2034
B2024
B11
SS4
B2053
B33
B29-A
B26-A
B2221
B2050
B2051
B2192
B2222
SS14
SS14-A
B99
B2236
B2224
SS8
SS5
B2214
B2223
B2070
B2071
B2072
B2073
B2193
B2226
B2228
B2225
B2796
B2797
B54
SS2
SS7
SS1
B2799
B2798
B2800
B2089
B2215
B2091
B2092
B2232
B2237
B2792
B2794
B2194
B2229
SS9
B2795
B2195
B2793
B2234
B2235
B2108
B2217
B2109
B49
B2238
B2110
B2233
SS10
B2127
B2128
B2129
B39
SS11
B2143
SS13
B38
B92
B94
B91
B93
B37
B95
B97
B72
B74
B96

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Surface Soil (0 - 0.17 feet - Central Portion)

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

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

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Figure E-10b

K:\GIS\Projects\Sperry Remington\Arcmap\Surface Soil\Surface Soil Figures\Figure E-10b Surface Soil Metals 12-2019.mxd

B24
B25
B28
B2031
B2032
B2033
B2034
B33
B29-A
B26-A
B2222
B2224
B2236
SS14
SS14-A
B99
SS5
B2223
B2226
B2228
B23
SS1
B2237
B2229
B2235
B2238
B21
SS13
B92
B98
B94
B91
B93
B97

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Surface Soil (0 - 0.17 feet - South Portion)

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

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Figure E-10c

B59 B58 B57 B56 B55 B572 B2024 B2025 B2708 B2 B2027
B11 B570
B12
B2050 B2706 B2707 B2213 B2051 B2709 B2710 B2052 B2711
B2214
B48 B50 B51 B52 B53 B2070 B2071 B2072
B54 B2801
B2704 B2705 B2089 B2215 B2090 B2091
B2802
B2108 B2109 B2217 B49
B13
B44 B43 B43-A B42 B42-A B41 B40 B571 B39 B2127 B2128 B2129
B447 B6
B2030
B2143 B2187
B38
B45 B46
B36 B37 B821 B819 B71 B72

N

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (0.17-2 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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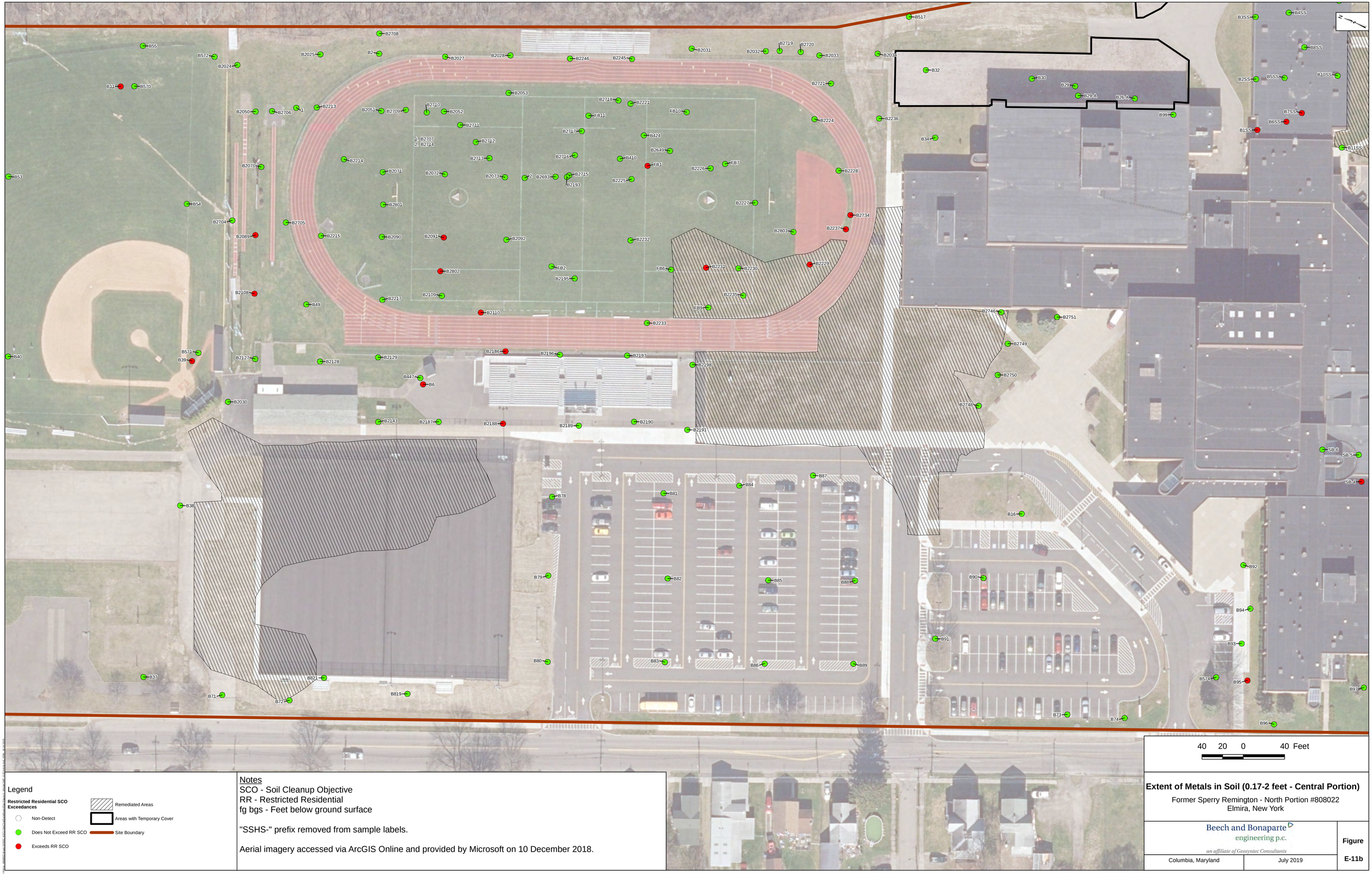
Figure E-11a



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (0.17-2 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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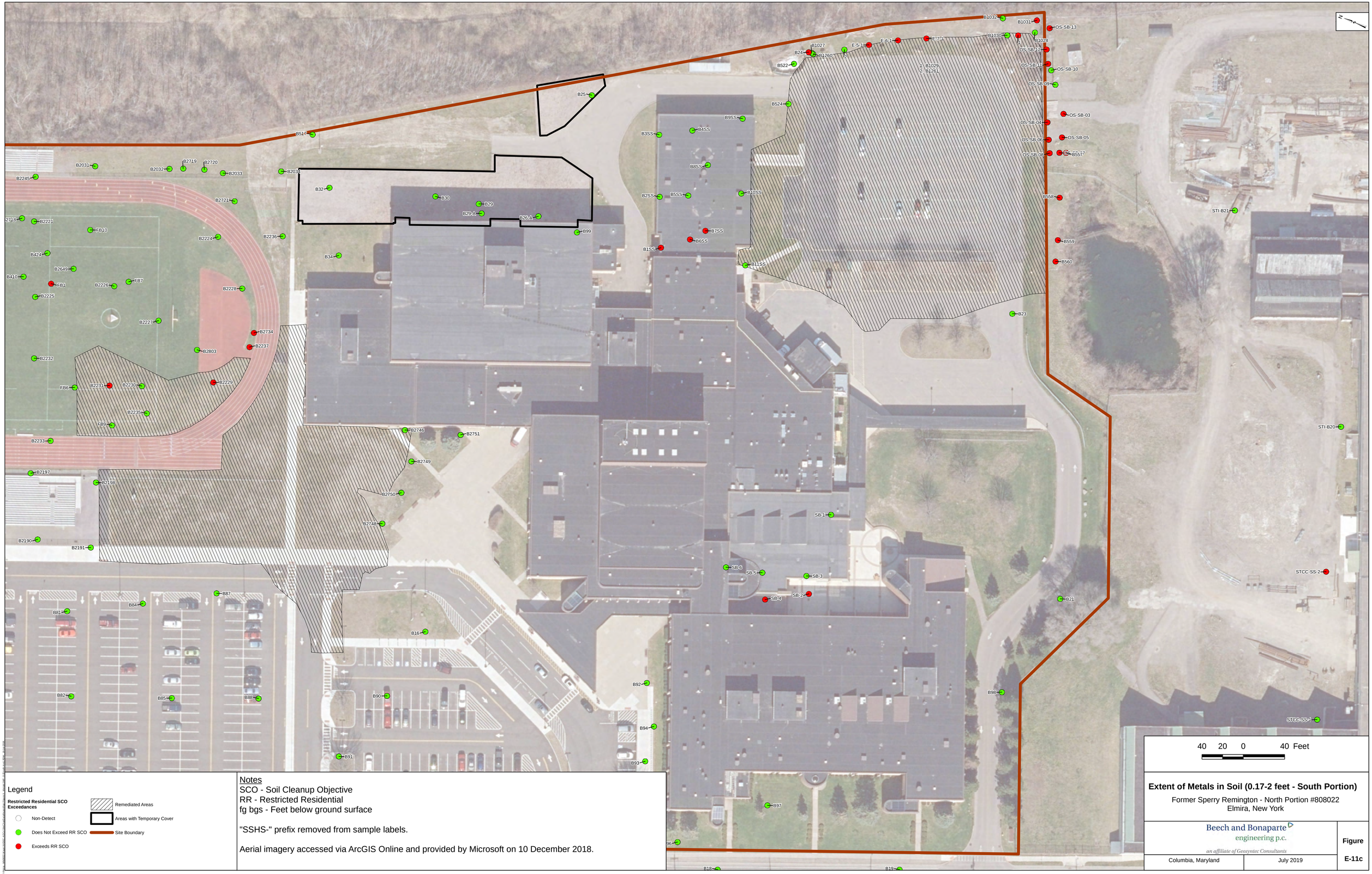
Figure E-11b



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (0.17-2 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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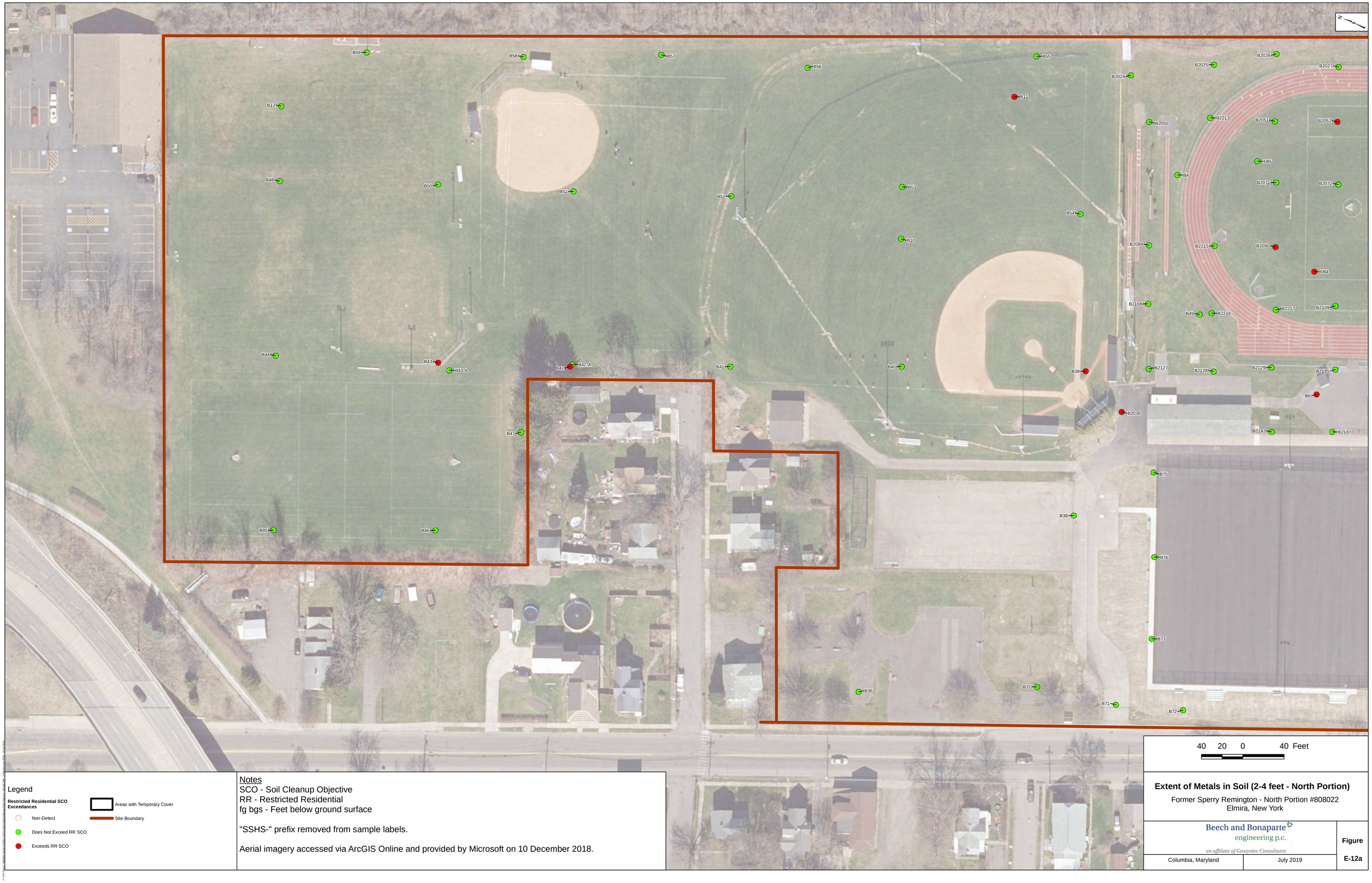
Figure E-11c



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (2-4 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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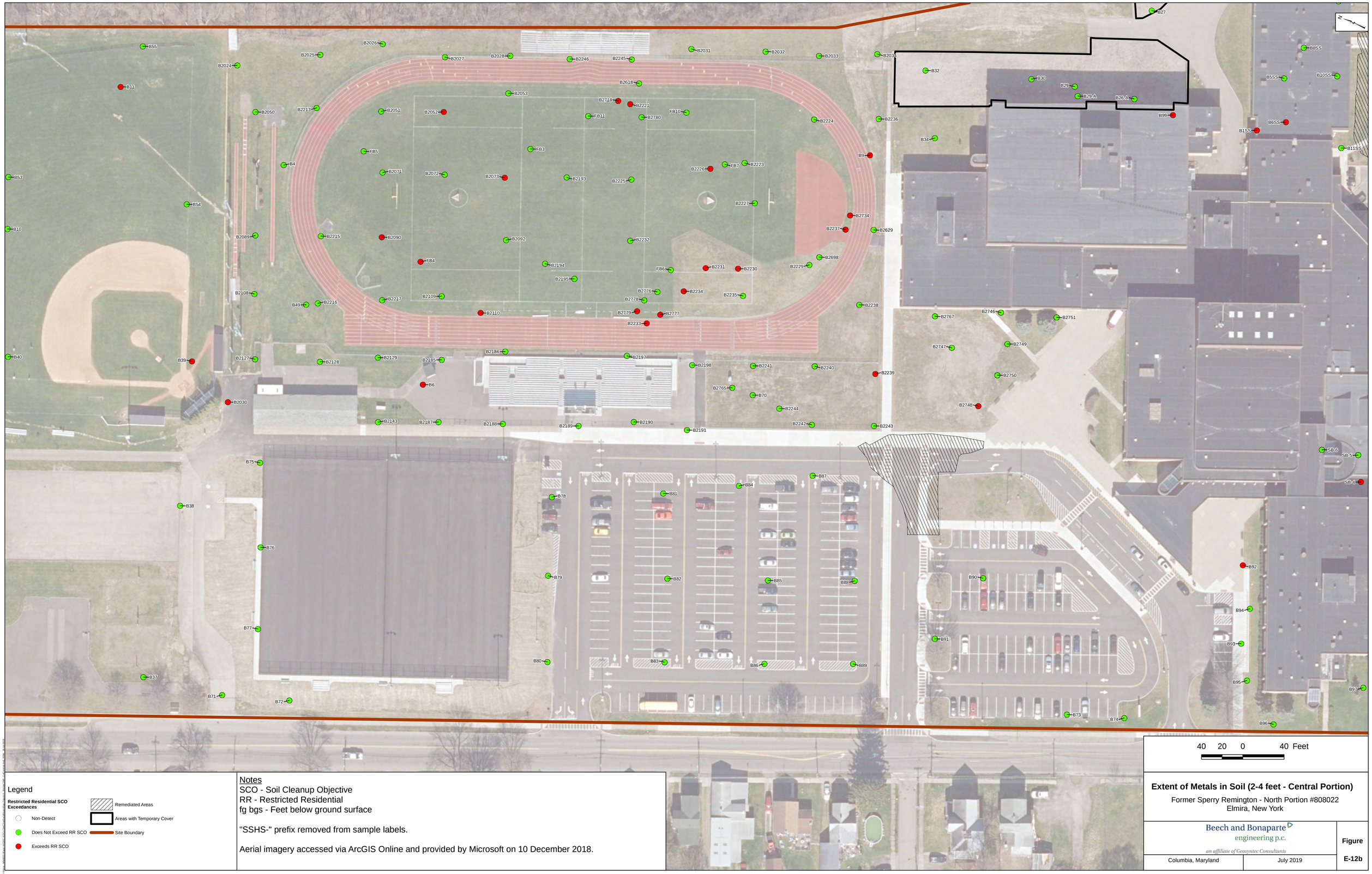
Figure E-12a

P:\GIS\Projects\808022\Mapping\Arcmap\Soil\Metals\Extent_Metals_Soil_NP_2-4ft.mxd 10/4/2019



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (2-4 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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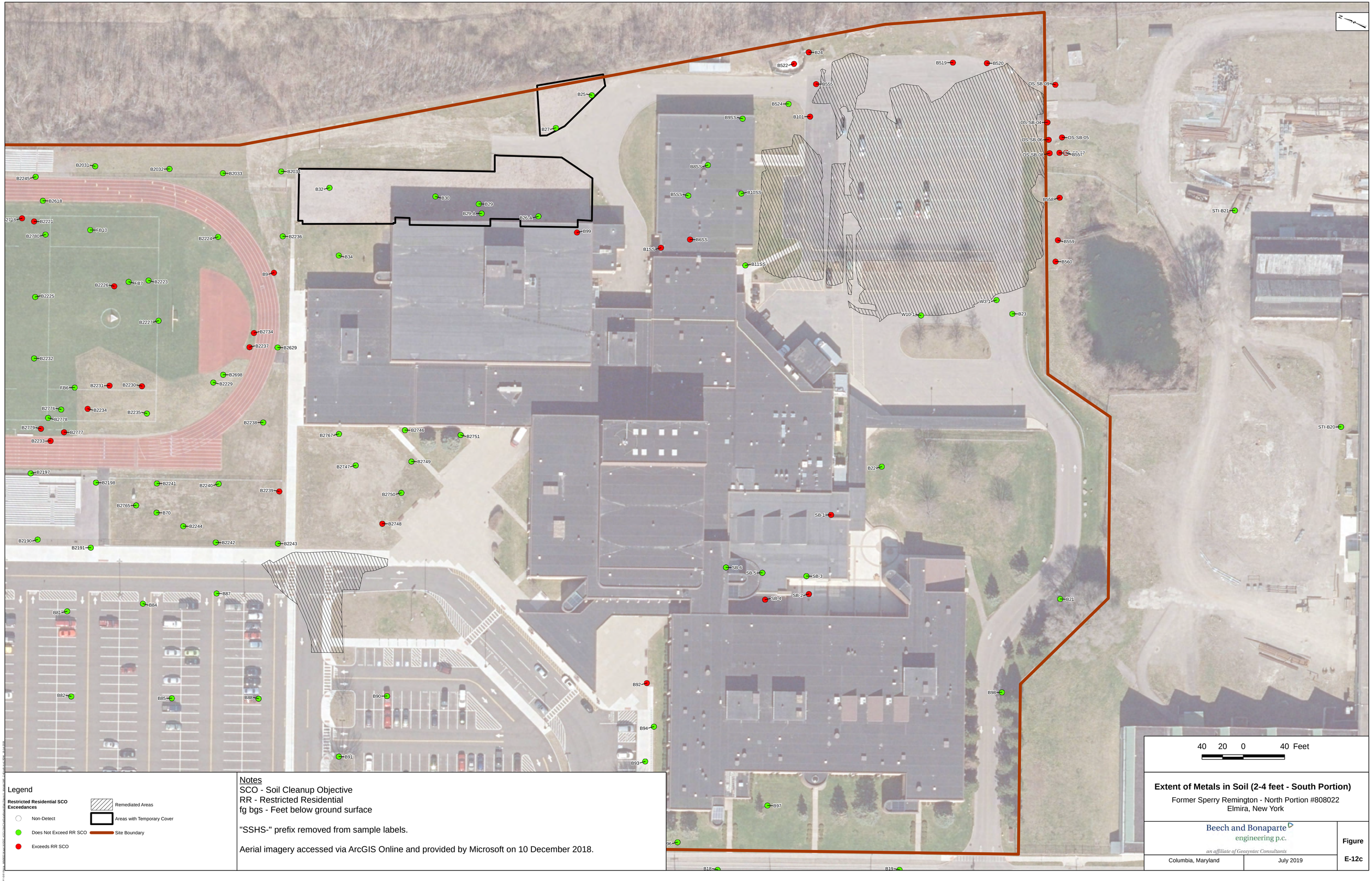
Figure E-12b



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (2-4 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-12c

B50
B52
B54
B42:A
B43:A
B47
B2026
B2025
B2027
B3
B2784
B2213
B2783
B2709
B2051
B2050
B2052
B2782
B2214
B2070
B2071
B2072
B2089
B2215
B2090
B2091
B2108
B2217
B2216
B2109
B2127
B2128
B2129
B2185
B2030
B2143
B2187
B75
B38
B76
B14
B77
B71
B72

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

Areas with Temporary Cover

Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (4-6 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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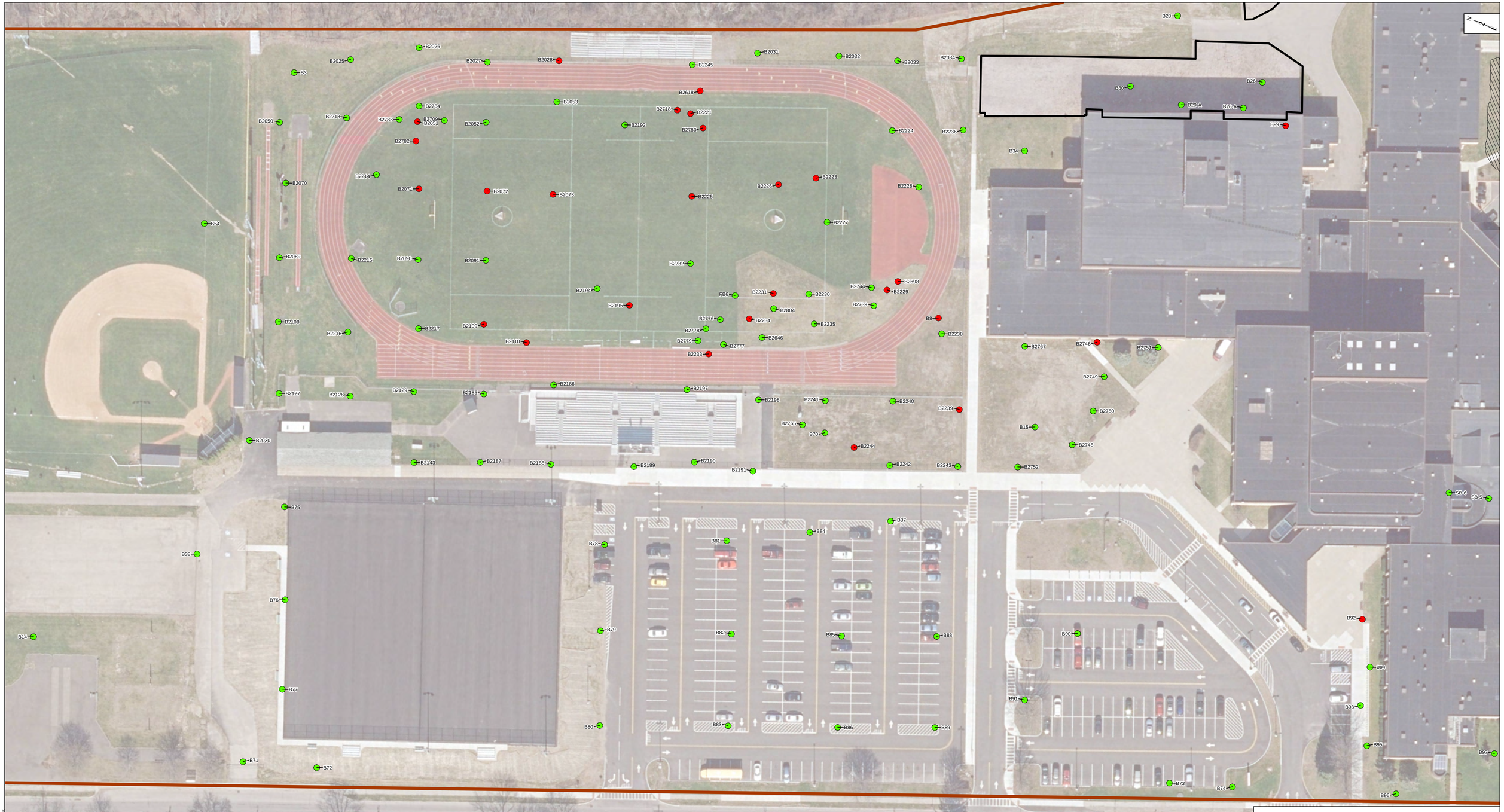
Figure E-13a

P:\GIS\Projects\Elmira\Sperry Remington\Maps\Extent of Metals in Soil (4-6 feet - North Portion).mxd 7/24/2019



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (4-6 feet - Central Portion)

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

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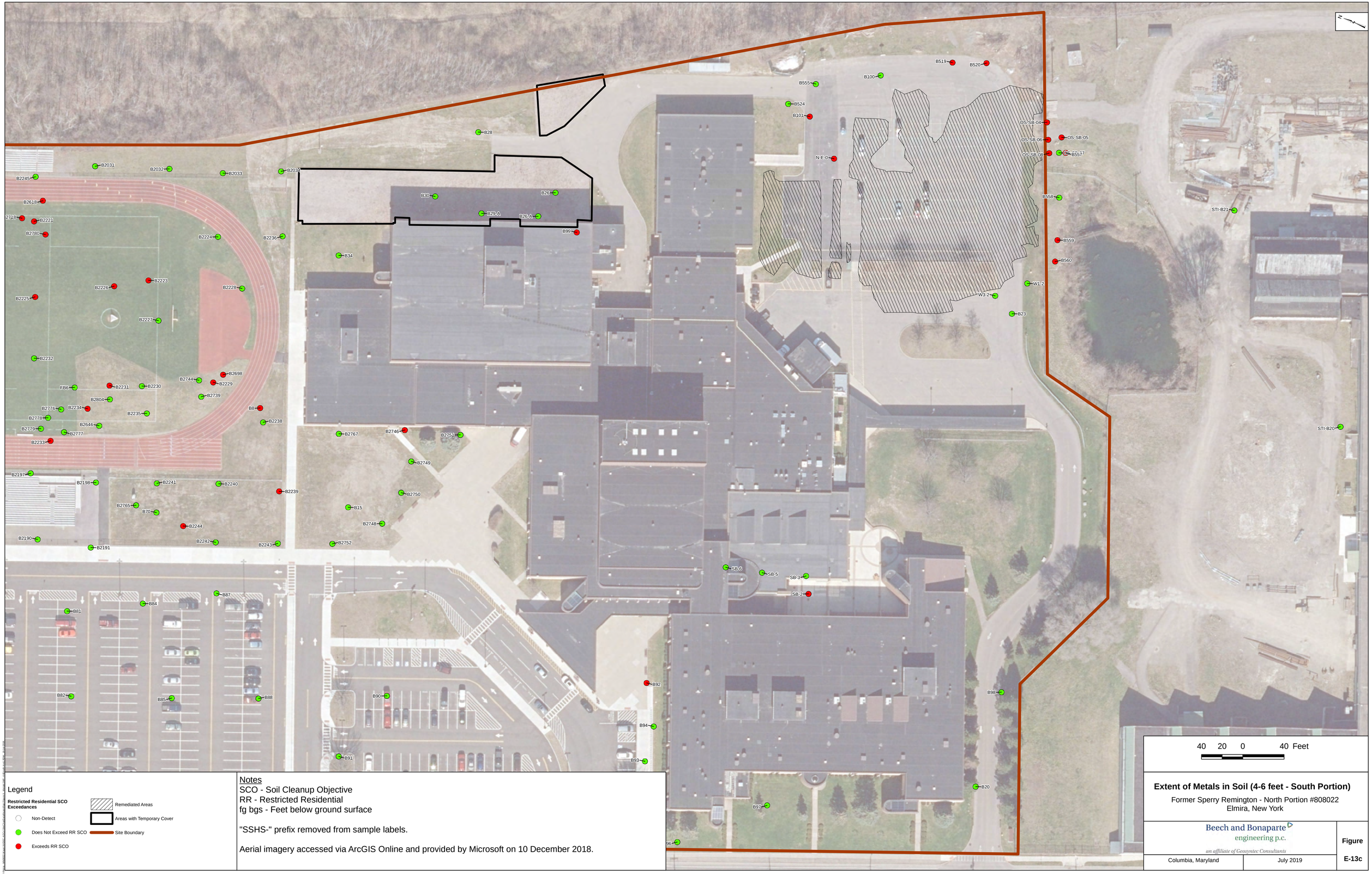
Figure E-13b



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (4-6 feet - South Portion)

Former Sperry Remington - North Portion #808022
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Figure E-13c

B2708
B2791
B2026
B2790
B2025
B2789
B2027
B3
B2050
B2213
B2051
B2052
FB5
B2785
B50
B2070
B2071
B2788
B2072
B278
B2787
B2089
B2215
B2090
B2091
B2108
B2216
B2217
B2109
B42 A
B43 A
B2127
B2128
B2129
B2185
B2030
B2143
B2187
B75
B76
B77
B71
B72

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

Areas with Temporary Cover

Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (6-8 feet - North Portion)

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

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Figure E-14a

P:\GIS\Projects\808022\Mapping\ArcGIS\Projects\Extent of Metals in Soil (6-8 feet - North Portion).mxd 7/24/2019

B2708 B2026 B2791 B2790 B2025 B2789 B2027 B2028 B2245 B3 B2618 B2053 B2625 B2718 B2221 B2213 B2051 B2052 B2192 B2780 B2050 B2224 FB5 B2785 B2070 B2071 B2072 B2788 B2786 B2073 FB1 B2223 B2226 B2228 B2787 B2227 B2089 B2215 B2090 B2091 B2232 B2194 B2231 B2230 B2740 B2195 B2108 B2234 B2235 B2216 B2217 B2109 B2778 B2238 B2110 B2779 B2777 B2233 B2127 B2128 B2129 B2185 B2186 B2197 B2198 B2241 B2240 B2239 B2765 B70 B2030 B2244 B2143 B2187 B2188 B2189 B2190 B2242 B2243 B2752 B2191 B75 B87 B84 B81 B78 B76 B79 B82 B85 B88 B90 B92 B94 B77 B91 B93 B80 B83 B86 B89 B95 B97 B71 B72 B73 B74 B96

B2771 B2773 B2774 B2772 B2031 B2032 B2033 B2034 B28 B30 B26-A B99 B1408

B2767 B2746 B2751 B2749 B2747 B2753 B2750 B2748

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes
SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (6-8 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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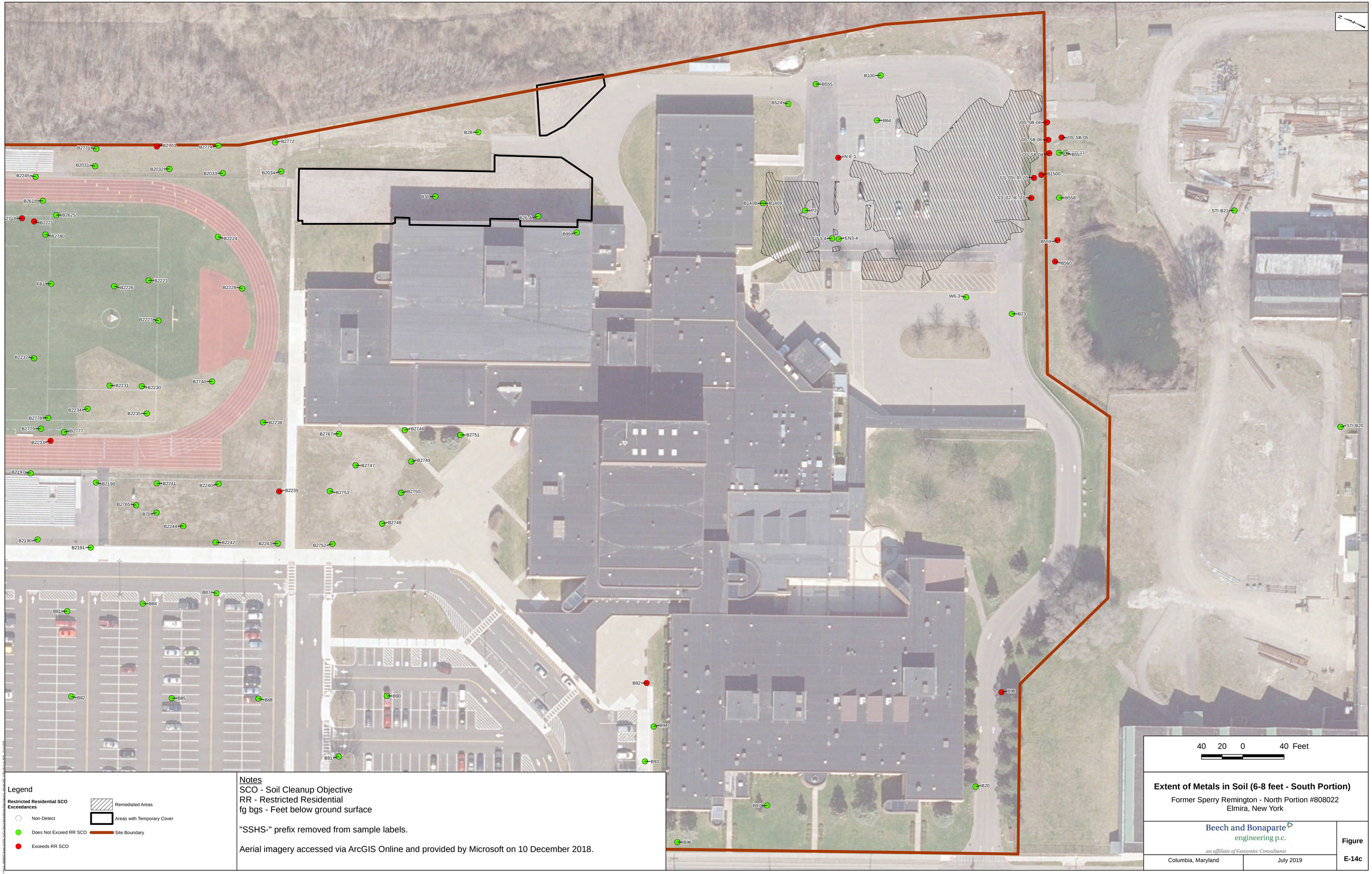
Figure E-14b



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (6-8 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-14c

B2026
B2025
B2027
B2024
B2213
B2050
B2051
B2214
B2070
B2071
B2072
B2089
B2215
B2090
B2091
B2108
B2217
B2109
B2216
B42-A
B43-A
B2127
B2128
B2129
B2185
B2030
B2143
B2187
B75
B46
B76
B77
B37
B71
B72

N

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

Areas with Temporary Cover

Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (8-10 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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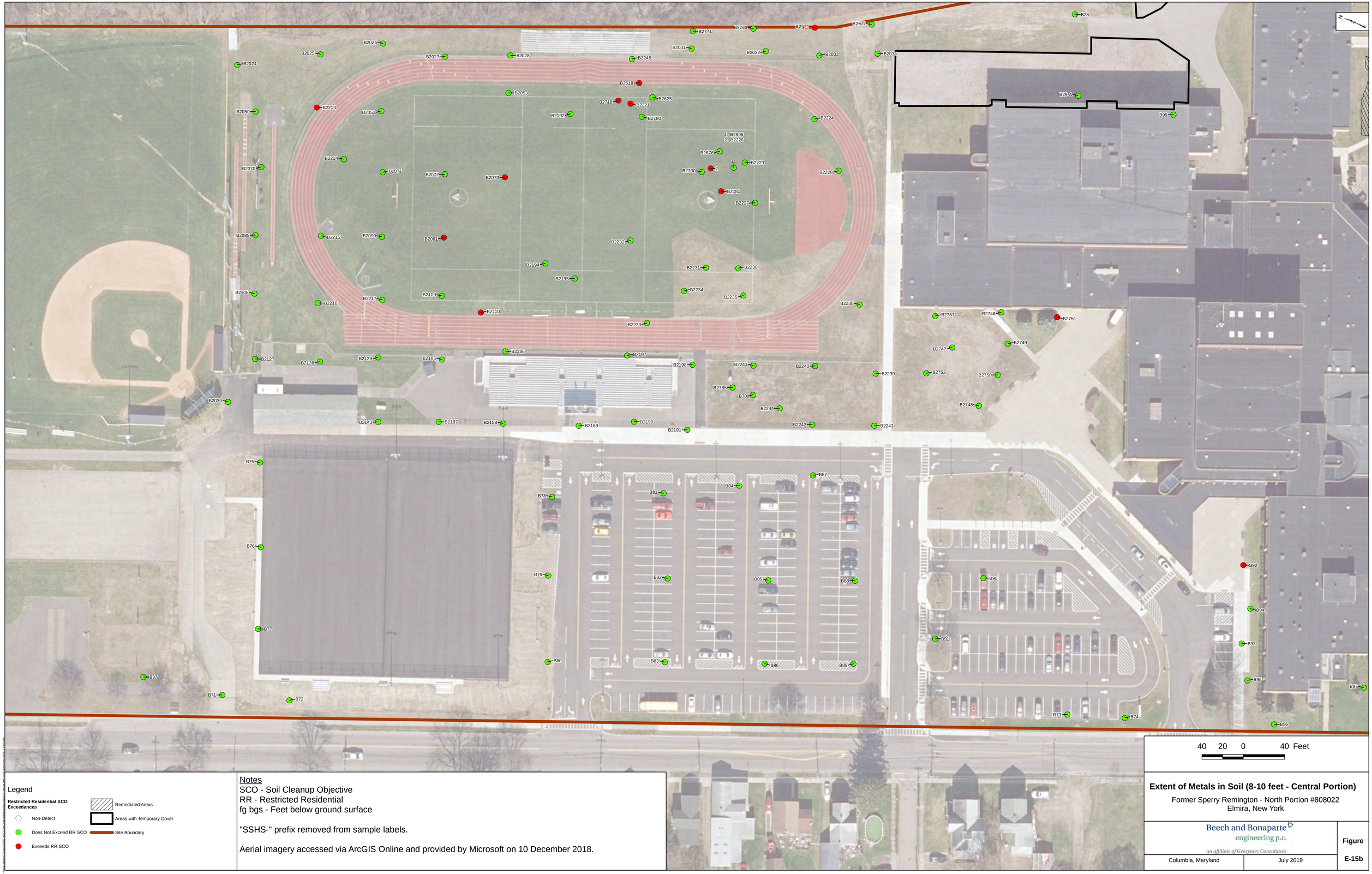
Figure E-15a



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (8-10 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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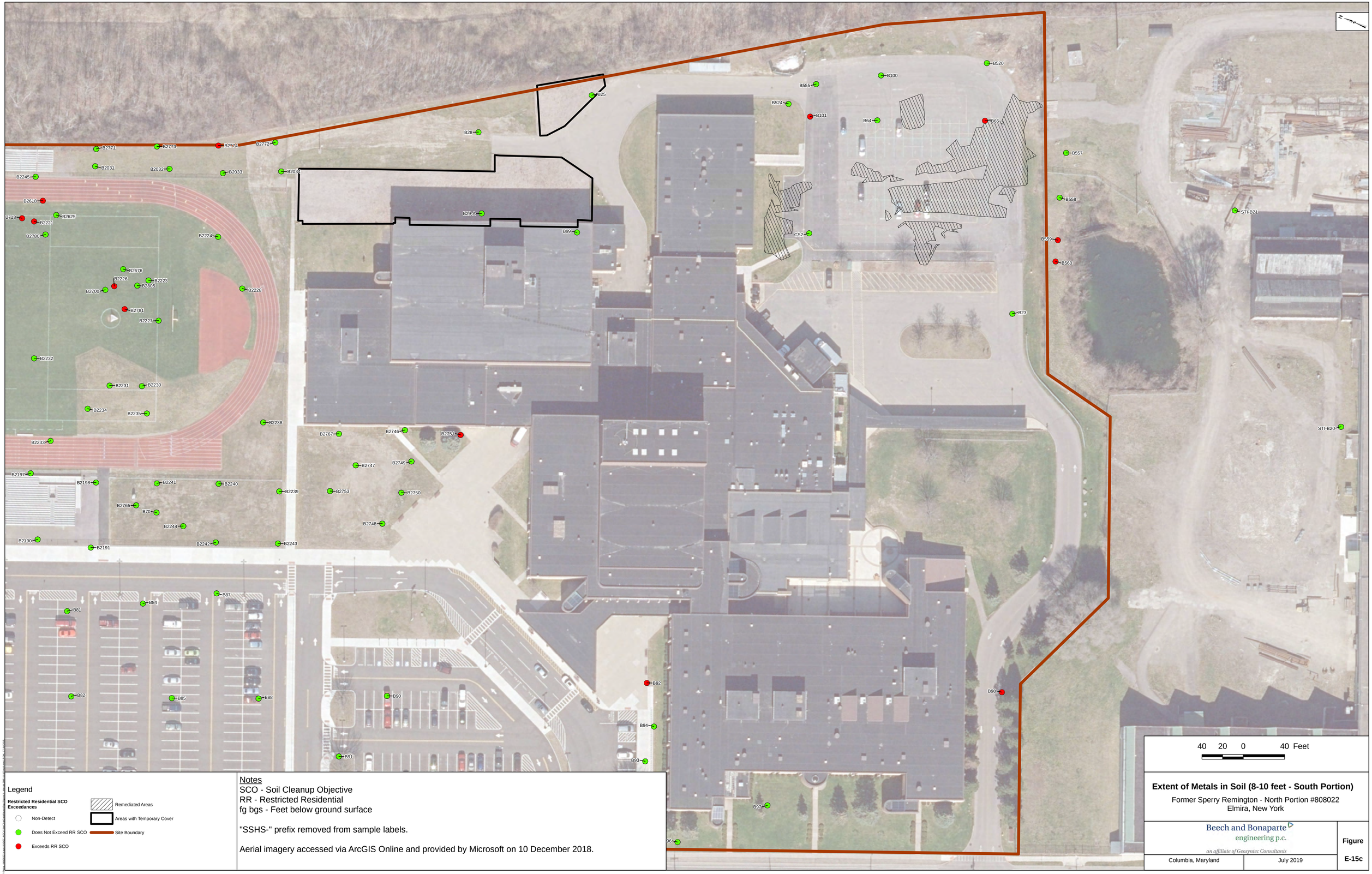
Figure E-15b



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (8-10 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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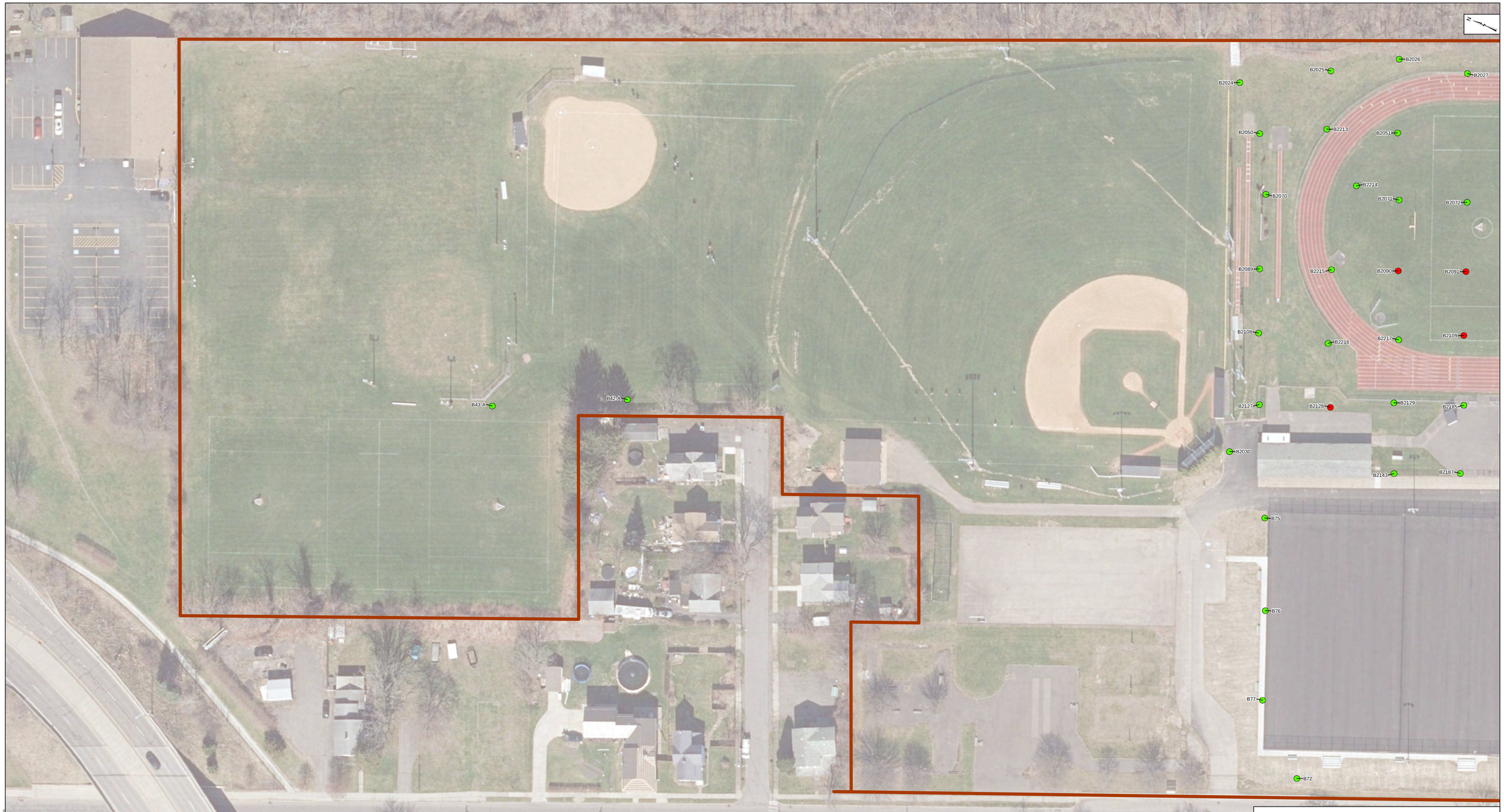
Figure E-15c



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

Areas with Temporary Cover

Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (10-12 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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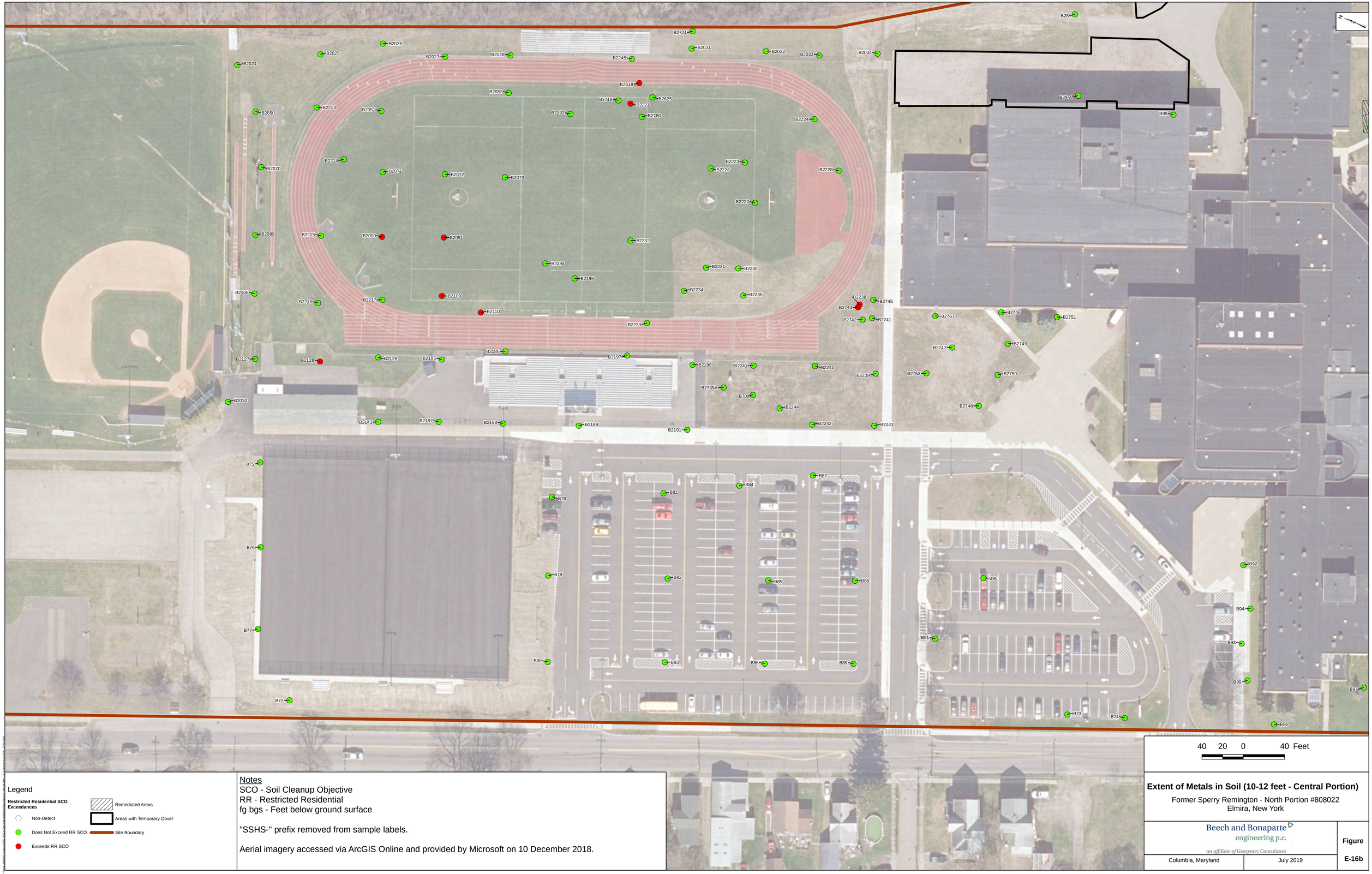
Columbia, Maryland | July 2019

Figure E-16a



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (10-12 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-16b

B520
B100
B25
B64
B65
B28
B537
B557
B2771
B2031
B2032
B2033
B2034
B1299
B67
B1251
B558
B2245
B2618
B29-A
B1254
B542
B1252
STI-B21
B2625
2218
B2221
B99
P1
BSW-001
B2780
B2224
NSBW
CS1
B2223
B2226
B2228
B23
B2227
B2232
B2231
B2230
B2234
B2235
B2238
B2745
B2743
B2746
B2767
B2751
B2742
B2741
B2233
B2749
B2747
B2197
B2198
B2241
B2240
B2239
B2753
B2750
B2765A
B70
B2748
B2244
B2242
B2243
B2191
B87
B84
B81
B82
B85
B88
B90
B92
B98
B94
B91
B93
B97
B96

0 20 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (10-12 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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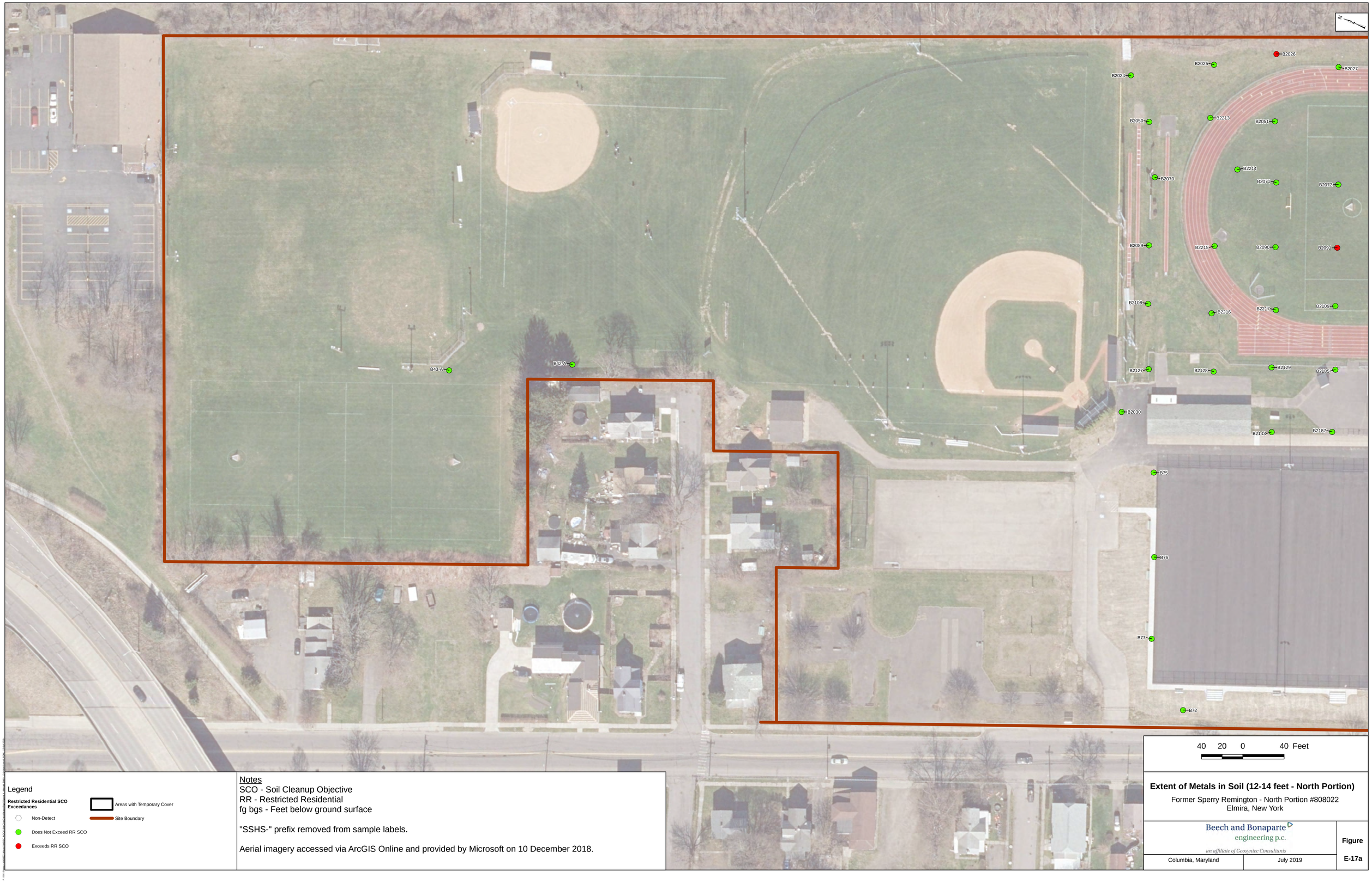
Figure E-16c



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

Areas with Temporary Cover

Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (12-14 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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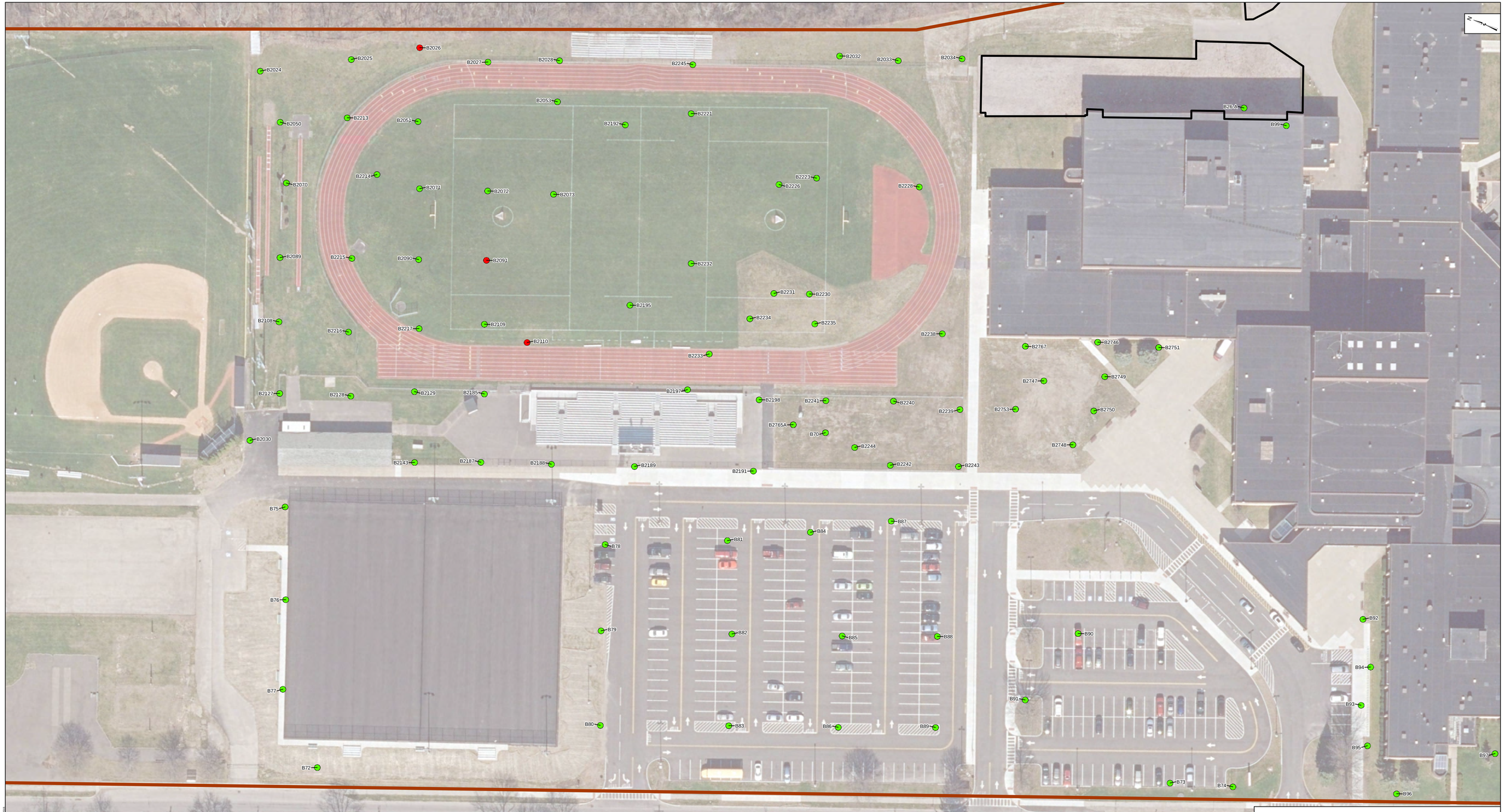
Figure E-17a



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (12-14 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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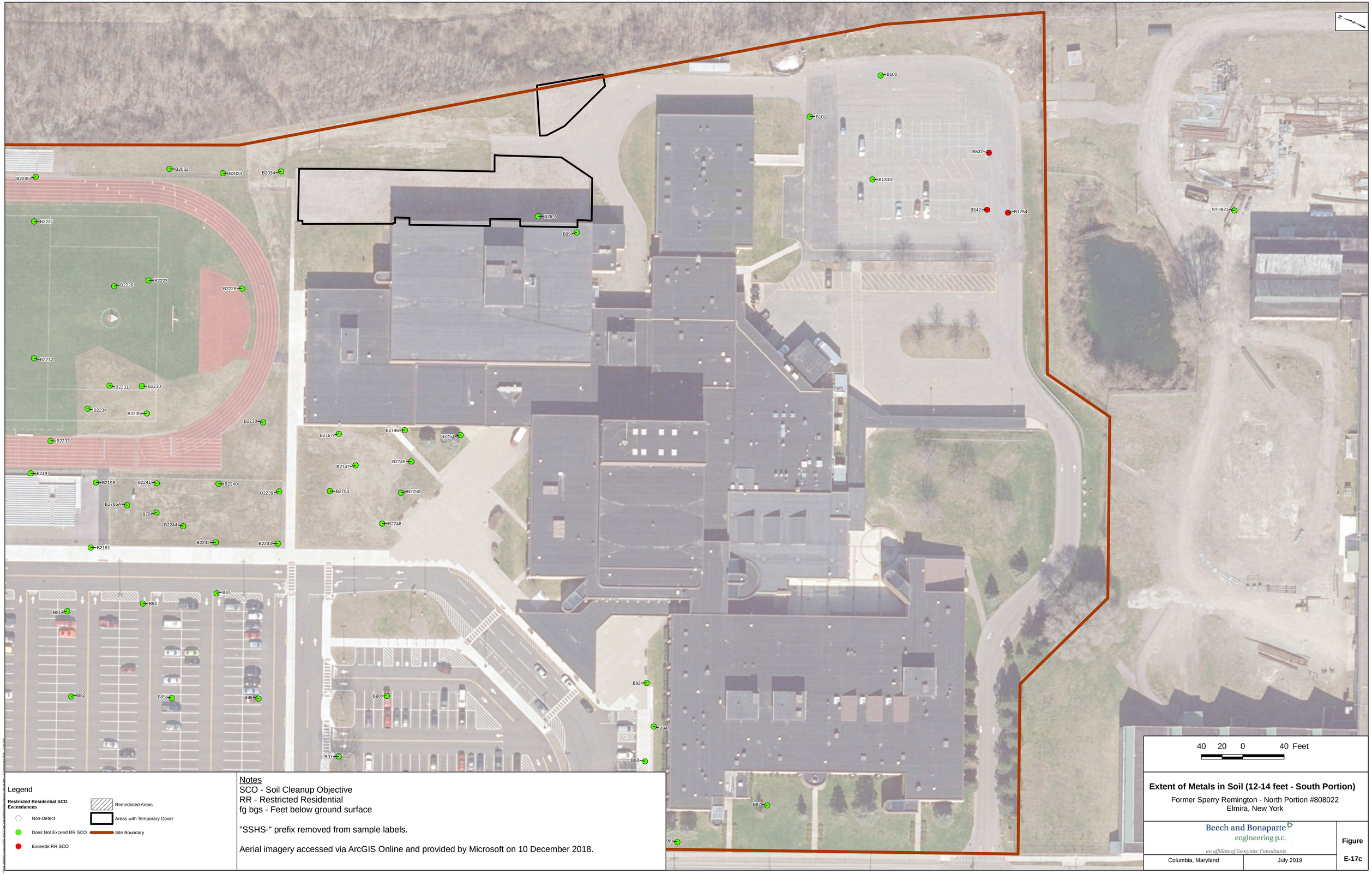
Columbia, Maryland | July 2019

Figure E-17b



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (12-14 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-17c

B75

B76

B77

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

Areas with Temporary Cover

Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (14-16 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | July 2019

Figure E-18a

B26A
B99
B75
B78
B87
B76
B79
B82
B85
B88
B90
B92
B94
B77
B91
B93
B80
B83
B86
B89
B95
B97
B73
B74
B96

N

40 20 0 40 Feet

Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of Metals in Soil (14-16 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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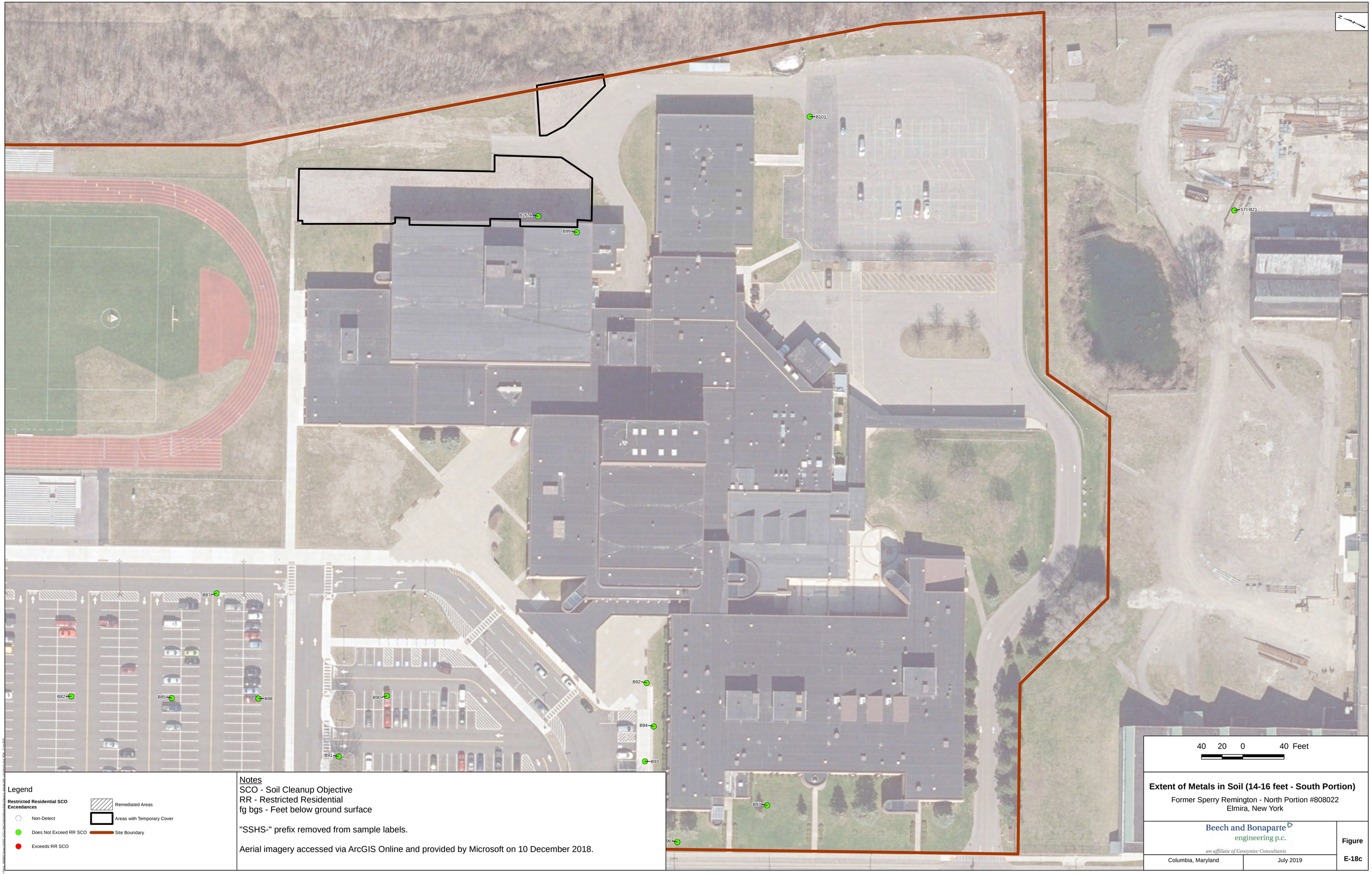
Figure E-18b

P:\GIS\Projects\808022_Elmira_NY\Figures\Figure 5 Extent of Metals in Soil (14-16 ft).mxd 7/3/2019



Legend

Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO
- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SCO - Soil Cleanup Objective
RR - Restricted Residential
fg bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of Metals in Soil (14-16 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-18c

B59 B58 B57 B56 B55 B2025 B2026 B2027 B2028 B2024 B11 SS4 B2053 B12 B2050 B2051 SS8 B2214 B2070 B2071 B2072 B2073 B48 B50 B51 B52 B53 B54 SS2 B10 B2089 B2215 B2091 B2092 SS9 B2108 B2217 B2109 B49 B2110 B13 B44 B43 B43-A B42 B42-A B41 B40 SS10 B39 B2127 B2128 B2129 SS3 SS11 B47 B47-A B2143 B406 B38 B45 B46 B14 B36 B37 B405 B72

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Surface Soil (0 -0.17 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-19a

B55 B2026 B2025 B2027 B2028 B2031 B2032 B2033 B2035 B28
B2024 B30
B11 SS4 B29 B33
B29-A B26-A
B2053
B2050 B2051 B2221 B2192 FB10 B2222 B2224 SS14 B99
B2236
SS8
SS5
B2214 B2223
B2070 B2071 B2072 B2073 B2193 B2225 B2226 B2228
B54 SS2 SS7 SS1
B2089 B2215 B2091 B2092 B2232 B2237
B2194 B2229
SS9 FB6
B2195 B2234 B2235
B2108 B2109 B2238
B49 B2217
B2110 B2233
SS10 B39 B2127 B2128 B2129
SS11
SS13
B2143
B38 B406
B92
B94
B91 B93
B37 B405 B95 B97
B72
B74 B96

40 20 0 40 Feet

Extent of SVOCs an VOCs in Surface Soil (0 -0.17 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-19b

Legend

SVOCs - Restricted Residential SCO Exceedances
- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances
- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

B24
B25
B28
B2032
B2033
B2034
B30
B29
B29-A
B26-A
B33
SS14
B99
B2224
B2236
B2228
B2237
B2229
B2238
SS13
B23
B21
B98
B92
B94
B93
B91

N

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Surface Soil (0 -0.17 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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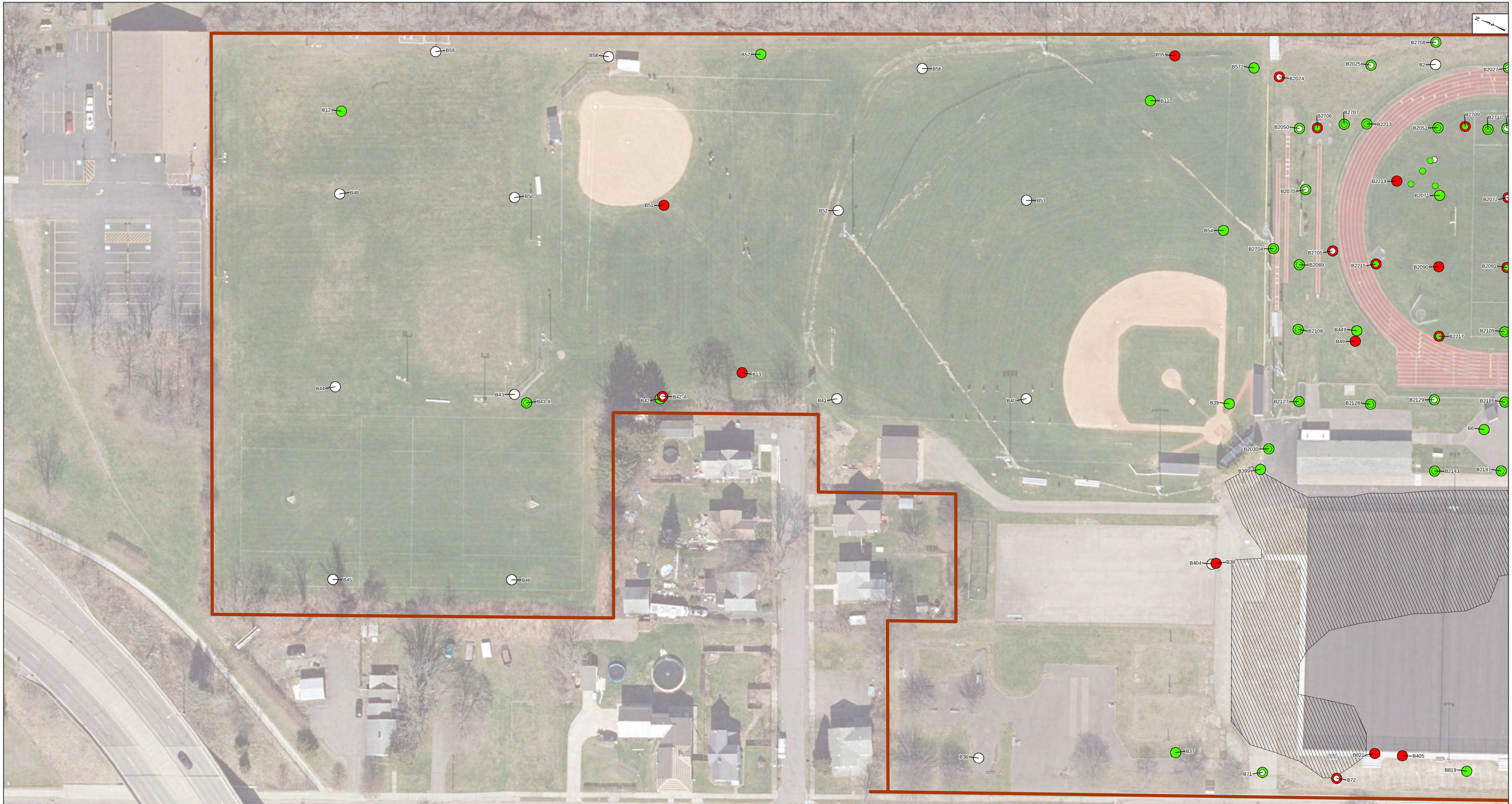
Figure E-19c



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (0.17 - 2 feet - North Portion)

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

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Figure E-20a

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(0.17 - 2 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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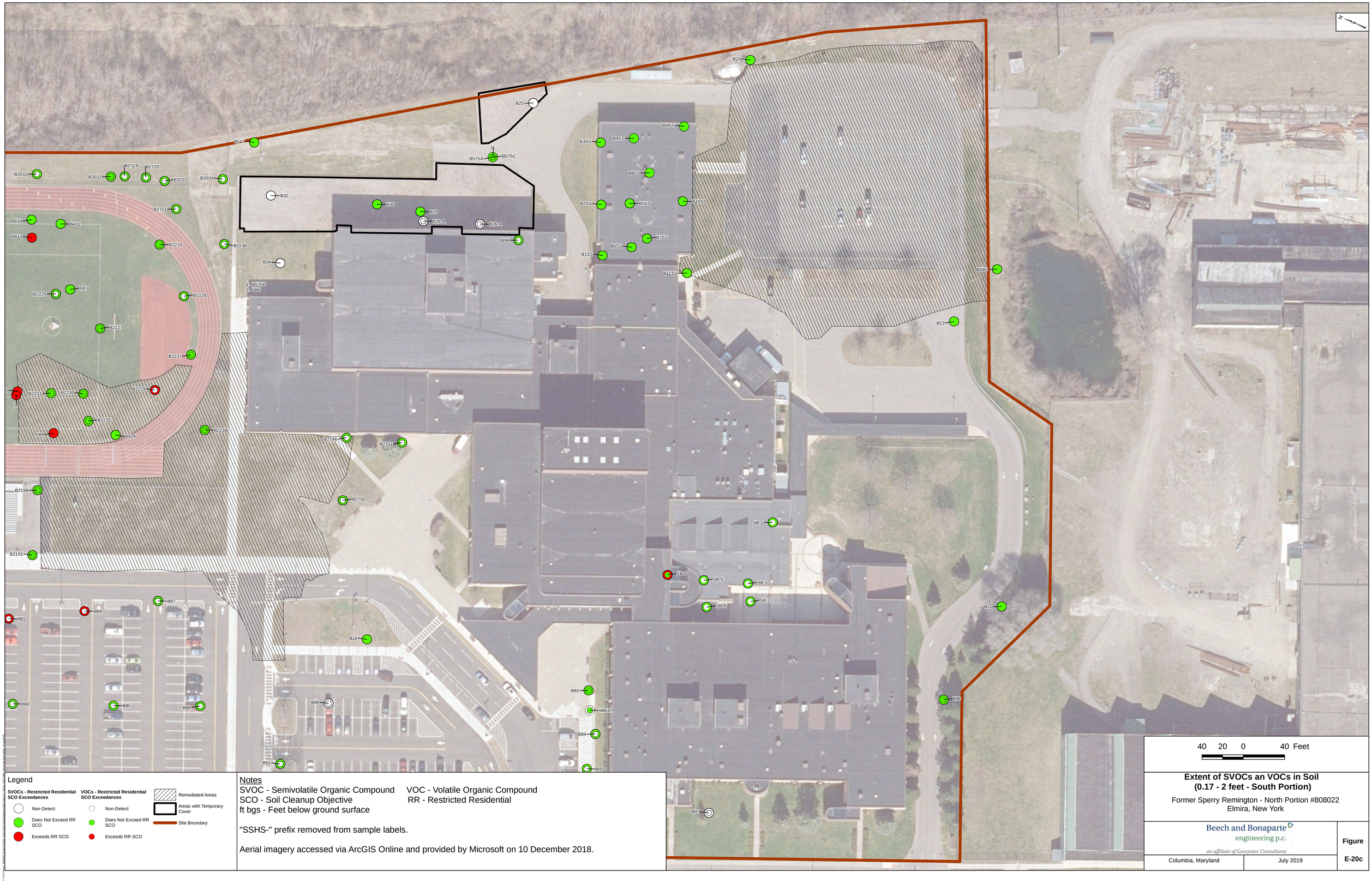
Figure E-20b



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface

VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (0.17 - 2 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-20c

B59 B58 B57 B56 B55 B2026
B12 B11 B2052
B48 B50 B51 B52 B53 B4 FB5
B54
B10 B2215A
FB4
B49
B44 B43 B43-A B42 B42-A B41 B40 B39 B2185
B6
B47 B2187
B75
B38
B76
B45 B46
B77
B36 B37 B821
B71 B72 B819

Legend

SVOCs - Restricted Residential SCO Exceedances
- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances
- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(2 - 4 feet - North Portion)

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

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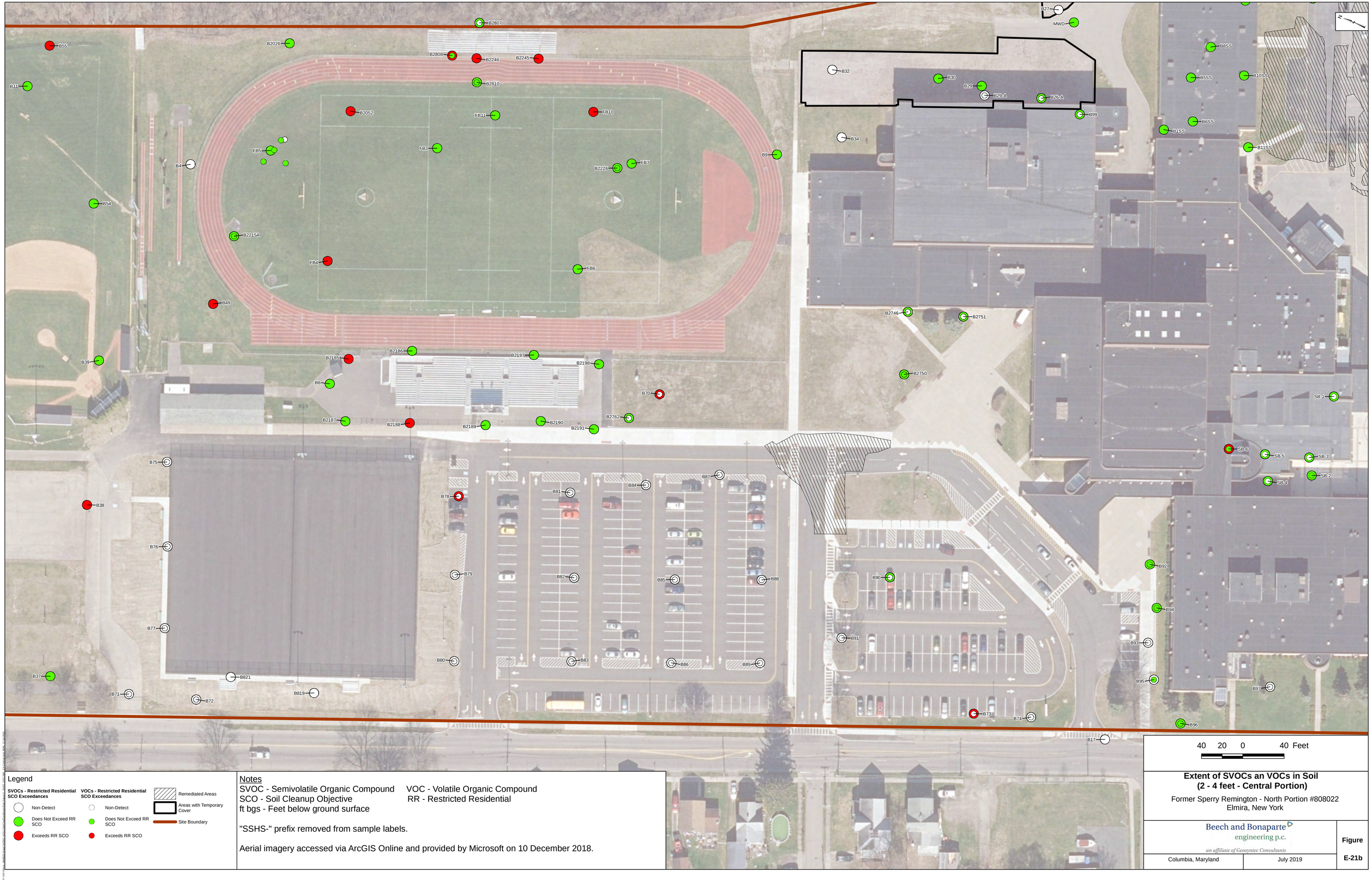
Figure
E-21a



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(2 - 4 feet - Central Portion)

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

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Figure
E-21b

B24
B35
B25
B27
MWD
B9SS
B101
B557
B8SS
B32
B30
B29
B29-A
B26-A
B10SS
B5SS
B558
B99
B6SS
B1SS
B34
B11SS
B9
B23
B22
B2746
B2751
B2750
B70
SB-1
SB-6
SB-5
SB-3
SB-4
SB-2
B87
B84
B21
B92
B90
B98
B85
B88
B94
B91
B93

N

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (2 - 4 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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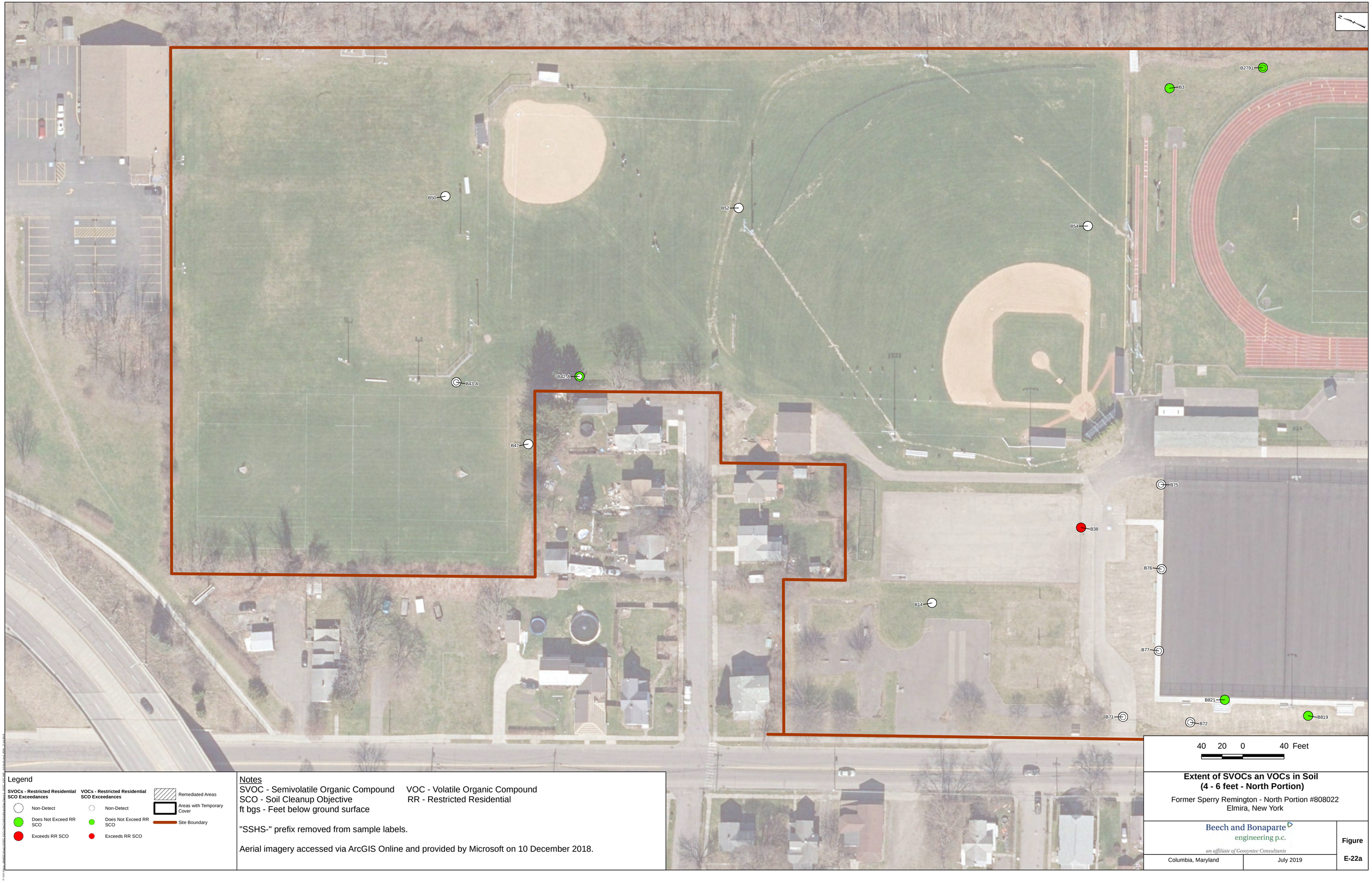
Columbia, Maryland | July 2019

Figure E-21c



40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(4 - 6 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | July 2019

Figure
E-22a

B28
B2791
B3
B2809
B30
B26
B2053
B29-A
B26-A
B2615
B99
B34
B2226
B54
FB6
B8
B2746
B2751
B2750
B15
B70
B2729
B2762
SB-6
B75
B87
B84
B81
B38
B78
B76
B92
B79
B82
B85
B88
B90
B14
B94
B77
B91
B93
B80
B83
B86
B89
B821
B95
B71
B72
B819
B73
B74
B96

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (4 - 6 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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Figure E-22b

B100
B101
B28
B557
B30
B26
B558
B29-A
B26-A
B2615
B99
B34
B23
B8
B2746
B2751
B2750
B15
B70
SB-6
SB-5
SB-3
SB-2
B87
B84
B92
B85
B88
B90
B98
B94
B91
B93
B20

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (4 - 6 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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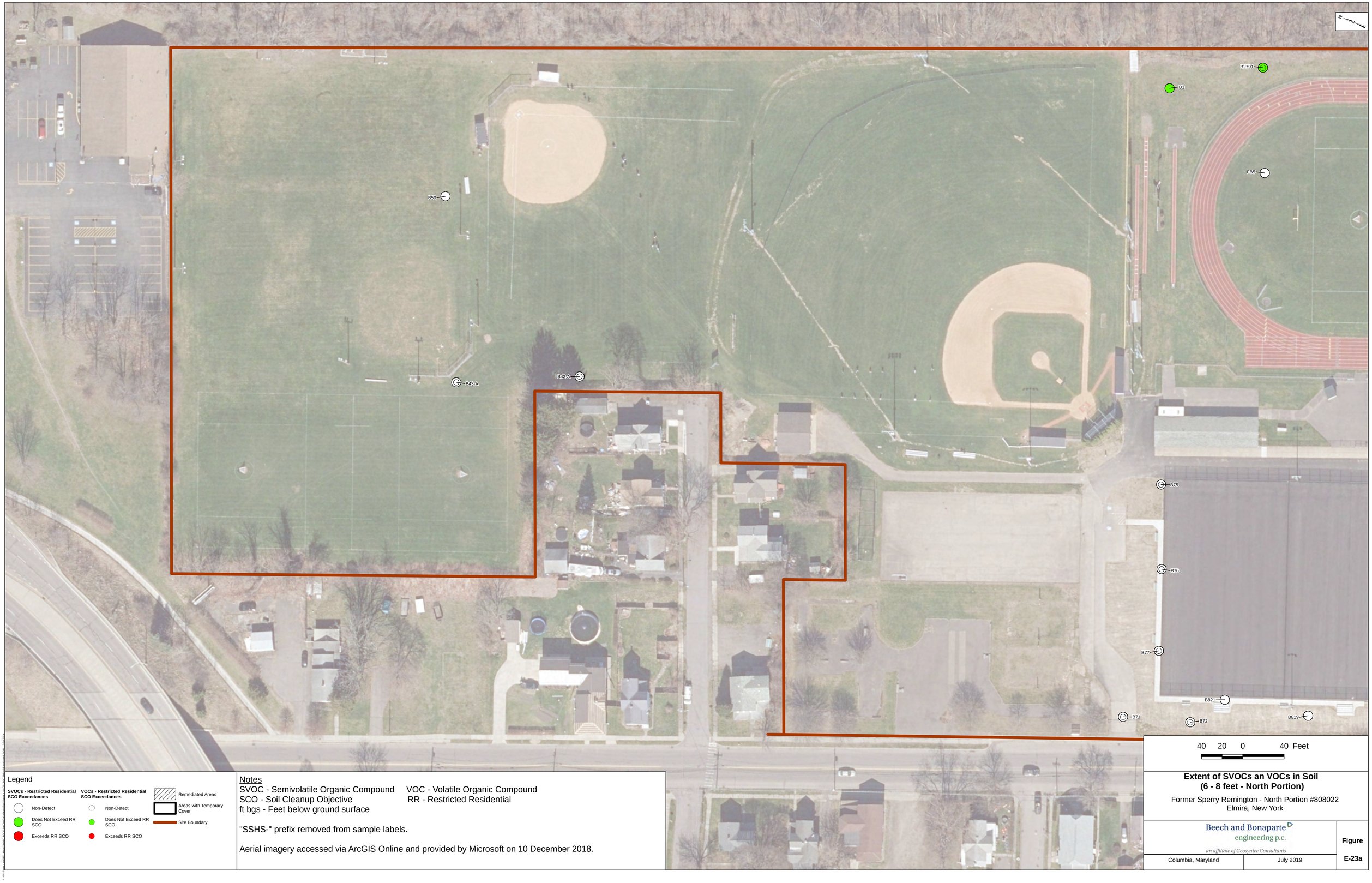
Figure E-22c



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(6 - 8 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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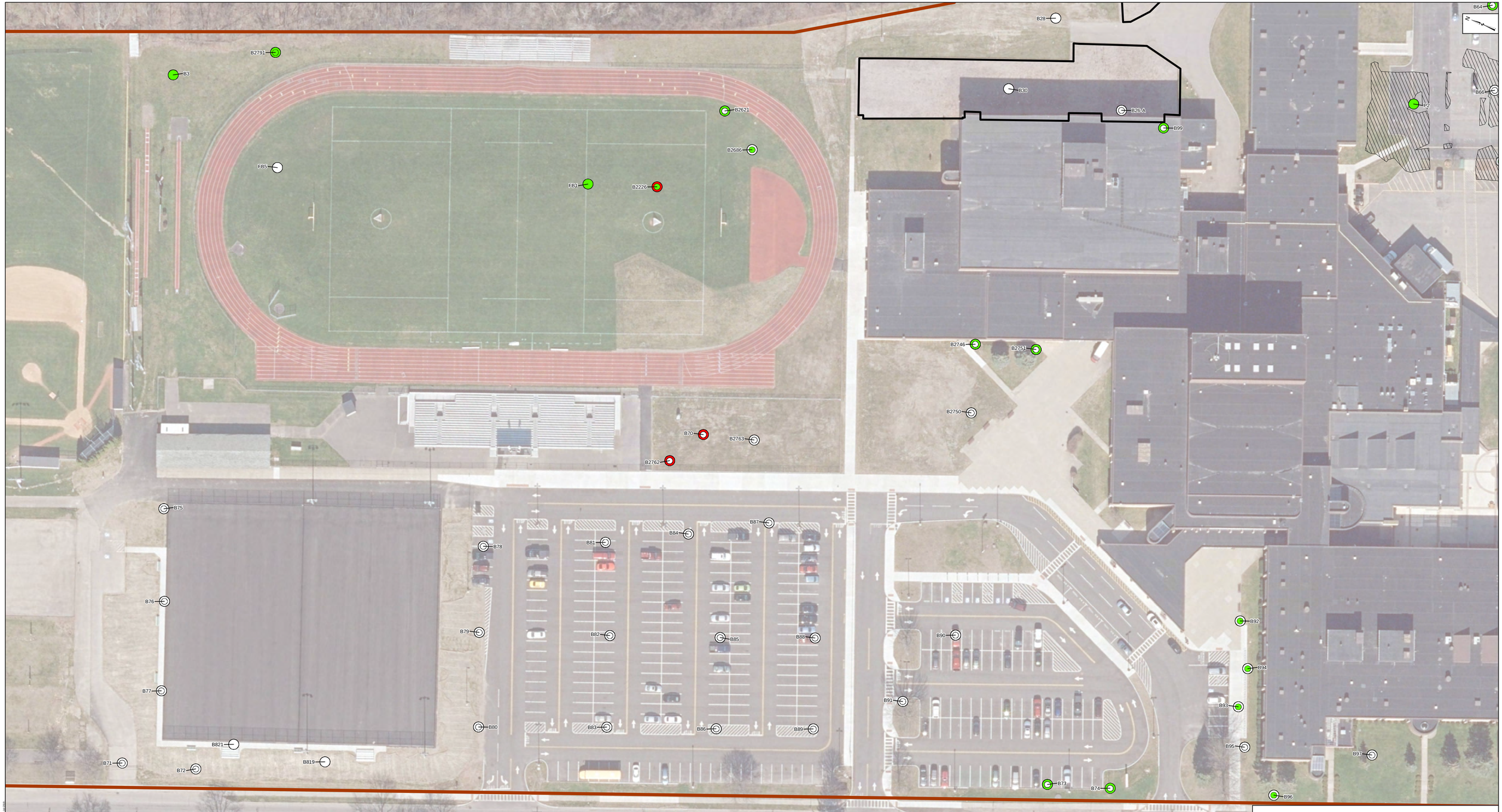
Columbia, Maryland | July 2019

Figure
E-23a



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(6 - 8 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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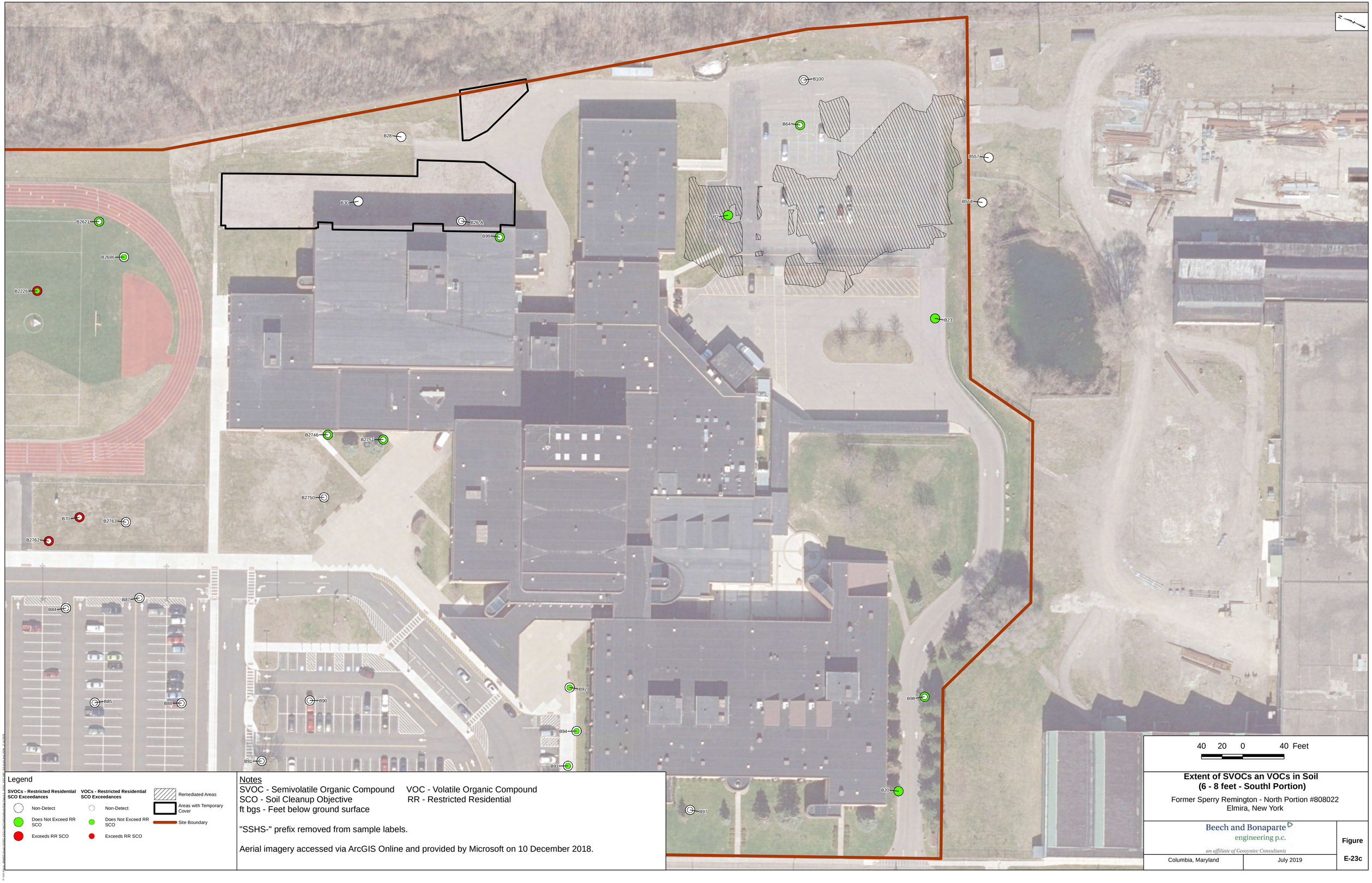
Columbia, Maryland | July 2019

Figure
E-23b



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(6 - 8 feet - Southl Portion)

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

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Figure
E-23c

B2027
B43-A
B42-A
B46
B75
B76
B77
B37
B821
B819
B71
B72

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(8 - 10 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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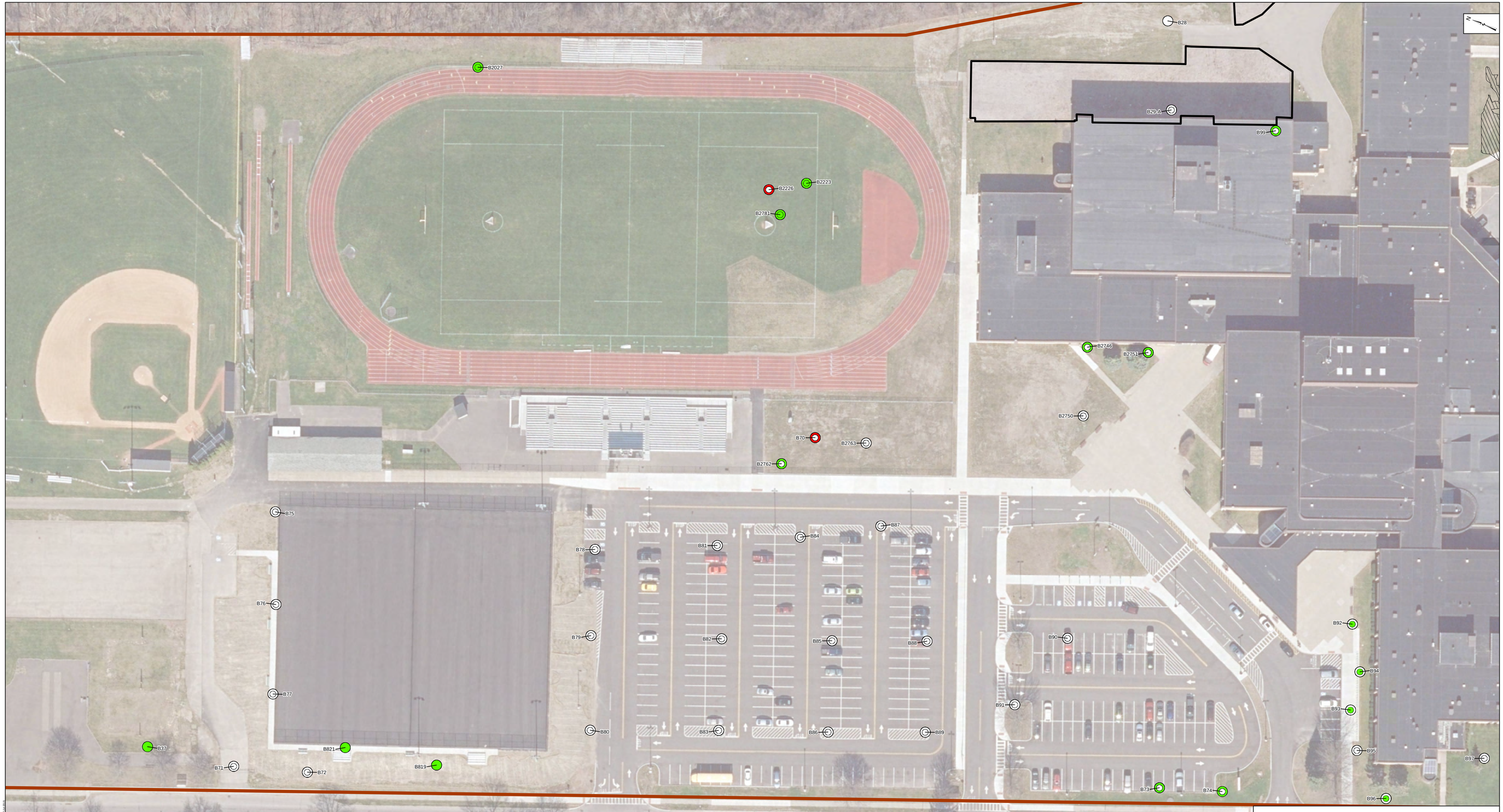
Columbia, Maryland | July 2019

Figure
E-24a



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(8 - 10 feet - Central Portion)

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

Beech and Bonaparte engineering p.c.
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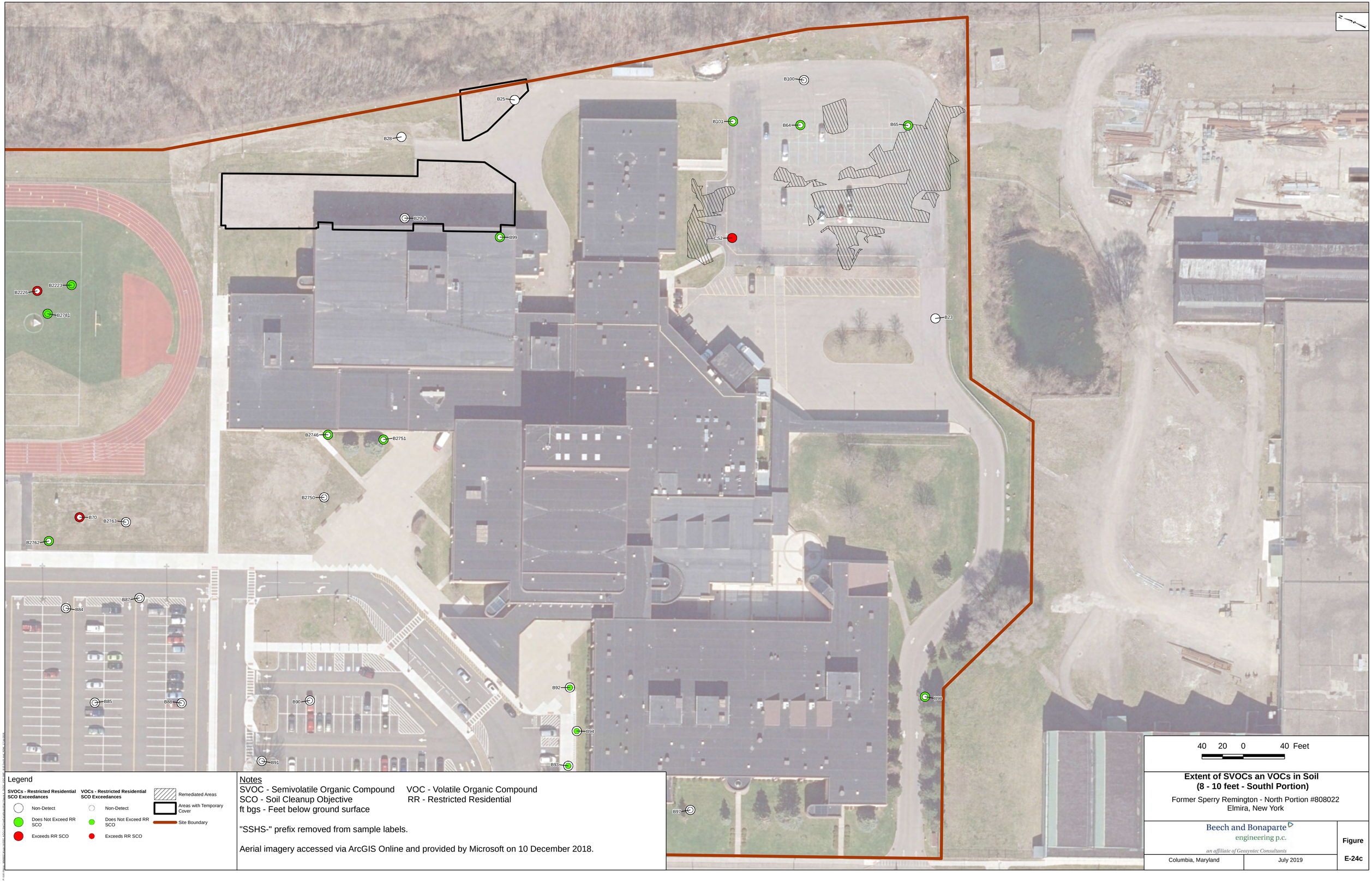
Columbia, Maryland | July 2019

Figure
E-24b



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(8 - 10 feet - Southl Portion)

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

Beech and Bonaparte engineering p.c.
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Figure
E-24c

B572
B2027
B43-A
B42-A
B75
B76
B77
B821
B819
B72

Legend

SVOCs - Restricted Residential SCO Exceedances	VOCs - Restricted Residential SCO Exceedances	
Non-Detect	Non-Detect	Remediated Areas
Does Not Exceed RR SCO	Does Not Exceed RR SCO	Areas with Temporary Cover
Exceeds RR SCO	Exceeds RR SCO	Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(10 - 12 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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Figure
E-25a

B572
B2027
B2224
B2226
B2223
B28
B29-A
B99
B64
PA1
BSW-001
NSBW1
CS1
B2746
B2751
B2750
B70
B2763
B2762
B2755
B87
B84
B81
B78
B75
B76
B79
B82
B85
B88
B90
B92
MW47
B94
B77
B91
B93
B80
B83
B86
B89
B821
B819
B72
B95
B97
B73
B74
B96

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(10 - 12 feet - Central Portion)

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

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Figure
E-25b

B100
B25
B28
B64
B65
SS-16_8_20
SS-14_8_20
SS-12_8_20
B67
B29-A
B99
B2224
P1
BSW-001
NSB
CS1
B23
B2746
B2751
B2750
B2763
B2755
B87
B88
B90
B92
MW47
B94
B91
B93
B98

N

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(10 - 12 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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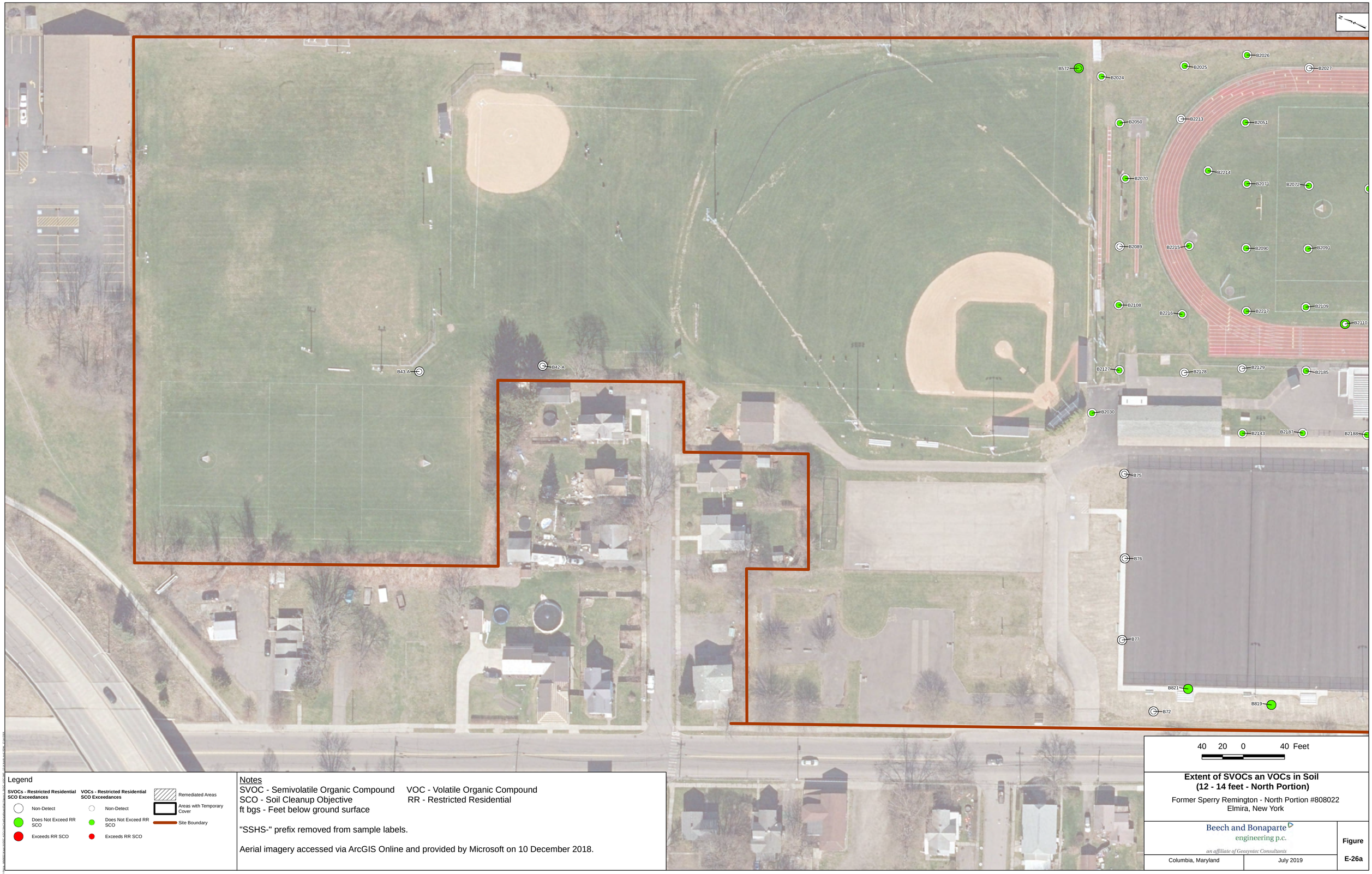
Columbia, Maryland | July 2019

Figure
E-25c



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil
(12 - 14 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | July 2019

Figure E-26a

B572 B2024 B2025 B2026 B2027 B2028 B2245 B2032 B2033 B2034 B26A B99
B2053 B2213 B2050 B2051 B2192 B2221
B2214 B2070 B2071 B2072 B2073 B2226 B2223 B2228
B2089 B2215 B2090 B2091 B2232
B2231 B2230 B2195 B2234 B2235 B2238
B2108 B2216 B2217 B2109 B2110 B2233
B2746 B2751
B2127 B2128 B2129 B2185 B2197 B2198 B2241 B2240 B2239 B2750
B2030 B70 B2244
B2143 B2187 B2188 B2189 B2191 B2762 B2242 B2243
B75 B2755
B87 B84 B81 B78
B76 B92
B79 B82 B85 B88 B90
B94
B77 B91
B93
B80 B83 B86 B89
B821 B819 B72 B95 B97
B73 B74 B96

40 20 0 40 Feet

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (12 - 14 feet - Central Portion)

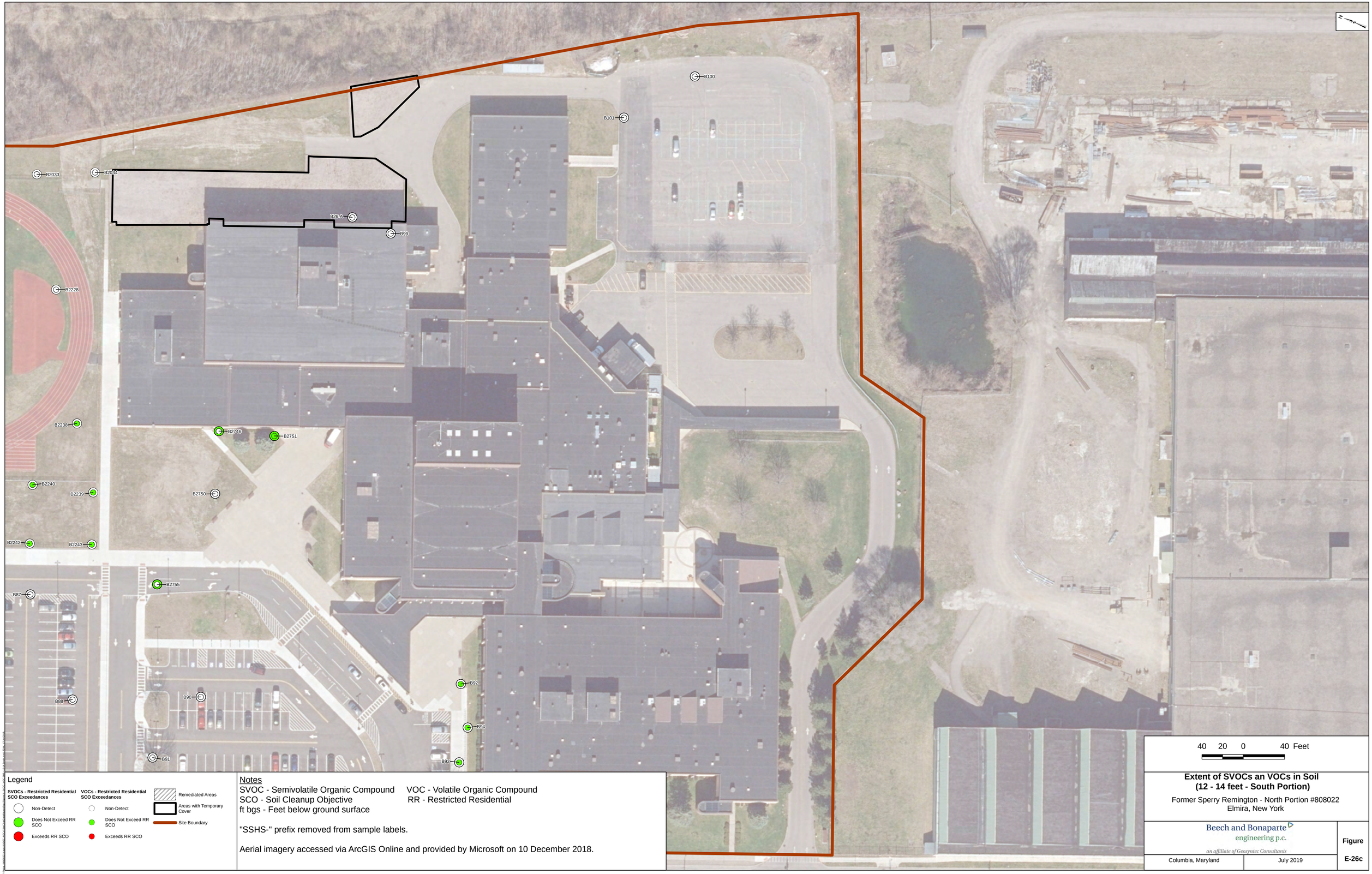
Former Sperry Remington - North Portion #808022
Elmira, New York

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

Columbia, Maryland | July 2019

Figure E-26b

K:\GIS\Projects\Sperry Remington\Mapping\Figure E-26b.mxd 7/15/2019



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil (12 - 14 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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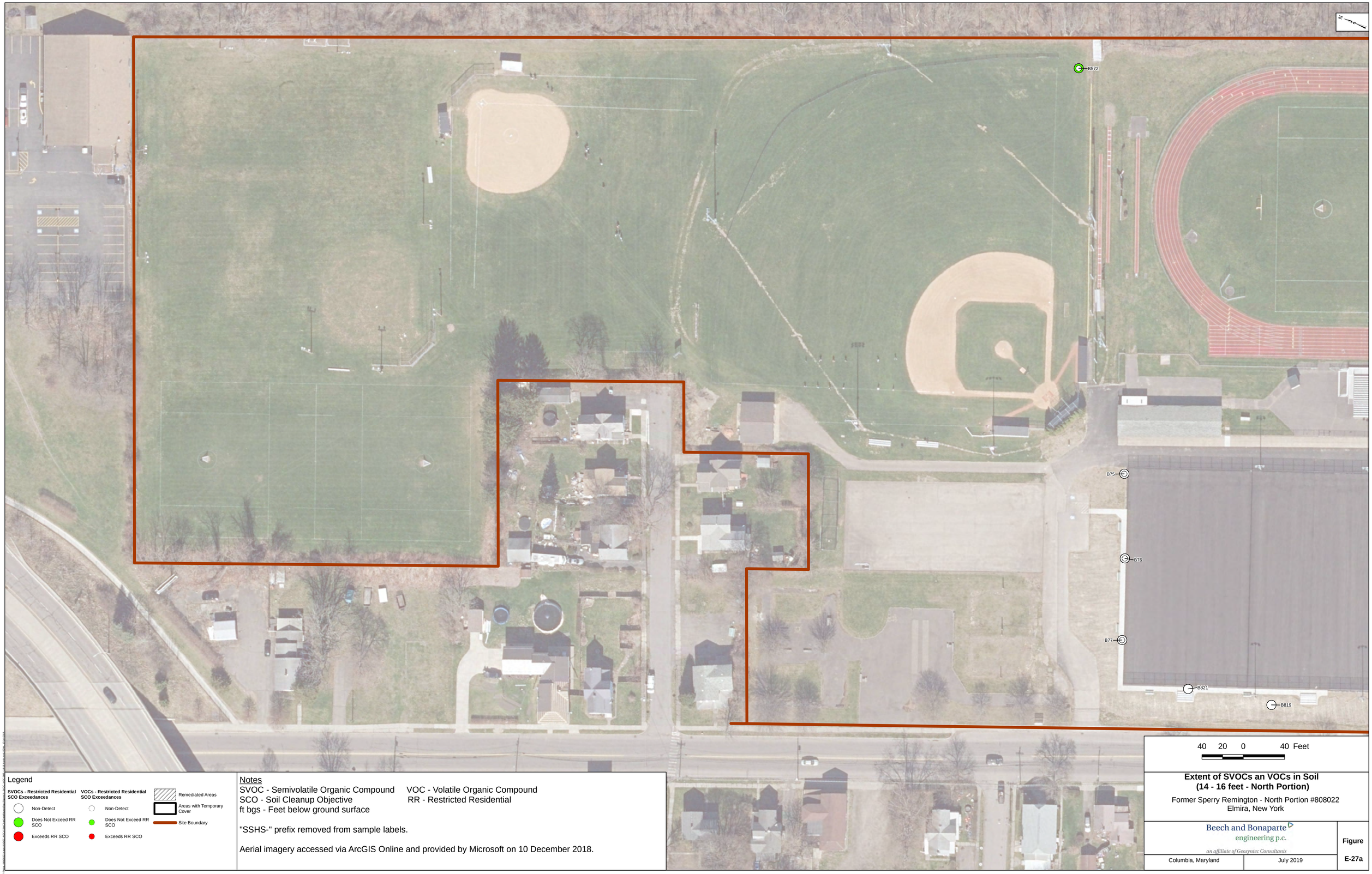
Columbia, Maryland | July 2019

Figure E-26c



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
SCO - Soil Cleanup Objective
ft bgs - Feet below ground surface
VOC - Volatile Organic Compound
RR - Restricted Residential

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

Extent of SVOCs an VOCs in Soil
(14 - 16 feet - North Portion)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | July 2019

Figure E-27a

B572
B2720
B2632
B575A
B575C
B26-A
B99
B75
B76
B77
B821
B819
B78
B79
B80
B82
B83
B85
B86
B87
B88
B89
B90
B91
B92
B94
B93
B95
B97
B73
B74
B96

N

Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

VOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
- Exceeds RR SCO

- Remediated Areas
- Areas with Temporary Cover
- Site Boundary

Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

40 20 0 40 Feet

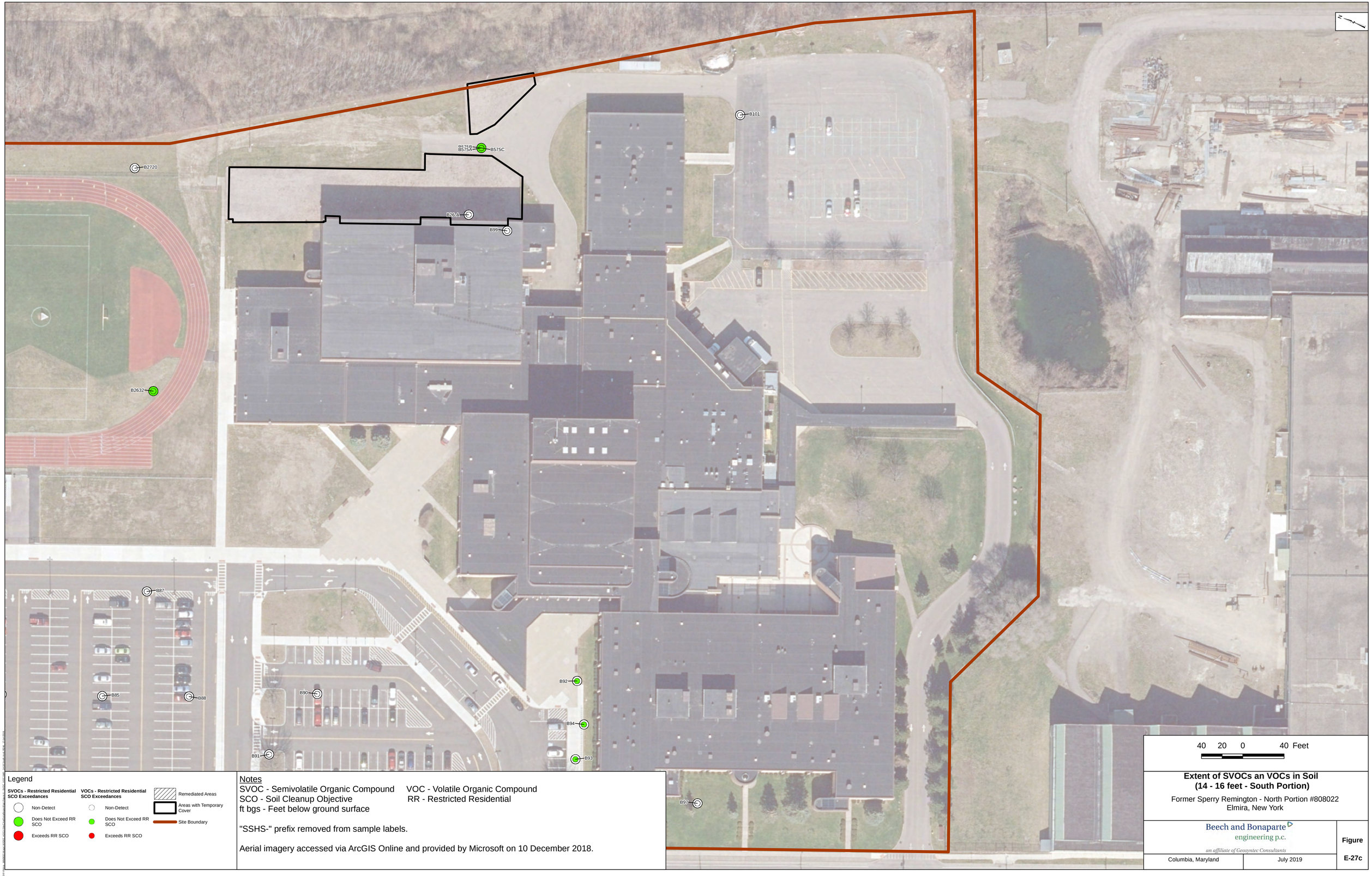
Extent of SVOCs an VOCs in Soil
(14 - 16 feet - Central Portion)

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

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

Columbia, Maryland | July 2019

Figure
E-27b



Legend

SVOCs - Restricted Residential SCO Exceedances

- Non-Detect
- Does Not Exceed RR SCO
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VOCs - Restricted Residential SCO Exceedances

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Notes

SVOC - Semivolatile Organic Compound
VOC - Volatile Organic Compound
SCO - Soil Cleanup Objective
RR - Restricted Residential
ft bgs - Feet below ground surface

"SSHS-" prefix removed from sample labels.

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 10 December 2018.

Extent of SVOCs an VOCs in Soil (14 - 16 feet - South Portion)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | July 2019

Figure E-27c

TABLE E-1
Summary of PCBs in Surface and Shallow Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
			Restricted - Residential										1
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
OS-SB-03	OS-SB-03-SUB-0-1	4/23/2018	0-1	<0.0063U	<0.013U	<0.011U	<0.012U	1.5	0.89	0.24	<0.0094U	<0.014U	2.663
OS-SB-03	OS-SB-03-SUB-1-2	4/23/2018	1-2	<0.066U	<0.13U	<0.12U	<0.12U	10	4.3	0.9	<0.098U	<0.14U	15.54
OS-SB-04	OS-SB-04-SUB-0-1	4/23/2018	0-1	<0.064U	<0.13U	<0.12U	<0.12U	11	5.2	1.2	<0.095U	<0.14U	17.73
OS-SB-04	OS-SB-04-SUB-1-2	4/23/2018	1-2	<0.062U	<0.12U	<0.11U	<0.11U	9.3	3.7	0.94	<0.093U	<0.13U	14.25
OS-SB-05	OS-SB-05-SUB-0-1	4/23/2018	0-1	<0.0063U	<0.012U	<0.011U	<0.012U	3	2.1	0.6	<0.0094U	<0.014U	5.732
OS-SB-05	OS-SB-05-SUB-1-2	4/23/2018	1-2	<0.0061U	<0.012U	<0.011U	<0.011U	3	1.8	0.51	<0.0092U	<0.013U	5.341
OS-SB-06	OS-SB-06-SUB-0-1	4/24/2018	0-1	<0.066U,F1	<0.13U	<0.12U	<0.12U	16J	7.1J	1.7J	<0.098U	<0.14U	25.14
OS-SB-06	OS-SB-06-SUB-1-2	4/24/2018	1-2	<0.065U	<0.13U	<0.12U	<0.12U	16J	6.4J	1.5J	<0.096U	<0.14U	24.24
OS-SB-07	OS-SB-07-SUB-0-1	4/24/2018	0-1	<0.0061U	<0.012U	<0.011U	<0.011U	2J	1.1J	0.29J	<0.0092U	<0.013U	3.421
OS-SB-07	OS-SB-07-SUB-1-2	4/24/2018	1-2	<0.0062U	<0.012U	<0.011U	<0.011U	2.3J	1J	0.23J	<0.0092U	<0.013U	3.561
OS-SB-08	OS-SB-08-SUB-0-1	4/24/2018	0-1	<0.0064U	<0.013U	<0.012U	<0.012U	2J	1J	0.27J	<0.0096U	<0.014U	3.304
OS-SB-08	OS-SB-08-SUB-1-2	4/24/2018	1-2	<0.0059U	<0.012U	<0.011U	<0.011U	0.85J	0.52J	0.13J	<0.0088U	<0.013U	1.531
OS-SB-09	OS-SB-09-SUB-0-1	4/23/2018	0-1	<0.0062U	<0.012U	<0.011U	<0.011U	3	3.2	0.46	<0.0093U	<0.013U	6.691
OS-SB-09	OS-SB-09-SUB-1-2	4/23/2018	1-2	<0.0062U	<0.012U	<0.011U	<0.011U	1.9	2.2	0.44	<0.0092U	<0.013U	4.571
OS-SB-10	OS-SB-10-SUB-0-1	4/23/2018	0-1	<0.31U	<0.62U	<0.57U	<0.57U	45	35	5.7	<0.47U	<0.67U	87.31
OS-SB-10	OS-SB-10-SUB-1-2	4/23/2018	1-2	<0.0065U	<0.013U	<0.012U	<0.012U	3.4	1.8	0.29	<0.0097U	<0.014U	5.524
OS-SB-11	OS-SB-11-SUB-0-1	4/23/2018	0-1	<0.31U	<0.61U	<0.56U	<0.57U	40	21	2.6	<0.46U	<0.66U	65.19
OS-SB-11	OS-SB-11-SUB-1-2	4/23/2018	1-2	<0.062U	<0.12U	<0.11U	<0.11U	13	9.3	1.6	<0.093U	<0.13U	24.21
OS-SB-12	OS-SB-12-SUB-0-1	4/23/2018	0-1	<0.6U	<1.2U	<1.1U	<1.1U	110	75	8.6	<0.9U	<1.3U	196.7
OS-SB-12	OS-SB-12-SUB-1-2	4/23/2018	1-2	<0.35U	<0.71U	<0.65U	<0.65U	81	23	3.6	<0.53U	<0.77U	109.4
OS-SB-13	OS-SB-13-SUB-0-1	4/23/2018	0-1	<0.68U	<1.4U	<1.2U	<1.3U	110	97	14	<1U	<1.5U	224.5
OS-SB-13	OS-SB-13-SUB-1-2	4/23/2018	1-2	<0.068U	<0.14U	<0.12U	<0.12U	15	5.2	0.82	<0.1U	<0.15U	21.37
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.028U	<0.035U	<0.032U	<0.03U	13	<0.026U	0.89	<0.024U	<0.041U	13.89
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.027U	<0.034U	<0.031U	<0.029U	13	<0.026U	0.75	<0.023U	<0.039U	13.75
SSHS-B1028	SSHS-B1028-SUB-0-2	5/24/2018	0-2	<0.008U	<0.016U	<0.015U	<0.015U	0.24	0.2	0.078	<0.012U	<0.017U	0.5595
SSHS-B1029	SSHS-B1029-SUB-0-2	5/23/2018	0-2	<0.033U	<0.065U	<0.06U	<0.061U	8.4	6.1	0.92	<0.049U	<0.071U	15.59
SSHS-B1030	SSHS-B1030-SUB-0-2	5/24/2018	0-2	<0.66U	<1.3U	<1.2U	<1.2U	360	160	31	<0.98U	<1.4U	554.4
SSHS-B1031	SSHS-B1031-SUB-0-2	5/24/2018	0-2	<0.0067U	<0.013U	<0.012U	<0.012U	3.1	2.6	0.64	<0.01U	<0.014U	6.374
SSHS-B1032	SSHS-B1032-SUB-0-2	5/24/2018	0-2	<0.0067U	<0.013U	<0.012U	<0.012U	2.4	1.4	0.31	<0.01U	<0.015U	4.144
SSHS-B1035	SSHS-B1035-SUB-0-2	5/25/2018	0-2	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	0.026	0.0099J	<0.0095U	<0.014U	0.07735
SSHS-B1036	SSHS-B1036-SUB-0-2	5/24/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0084U	<0.012U	<0.0879
SSHS-B1037	SSHS-B1037-SUB-0-2	5/25/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.011U	0.14	0.074	0.017J	<0.0085U	<0.012U	0.2601
SSHS-B1038	SSHS-B1038-SUB-0-2	5/25/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	0.027	<0.012U	<0.0048U	<0.0082U	<0.012U	0.06375
SSHS-B1039	SSHS-B1039-SUB-0-2	5/25/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	0.14	0.058	0.012J	<0.0084U	<0.012U	0.2385
SSHS-B1040	SSHS-B1040-SUB-0-2	5/25/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0083U	<0.012U	<0.0878
SSHS-B1041	SSHS-B1041-SUB-0-2	5/25/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	0.17	0.093	0.018	<0.0083U	<0.012U	0.3095
SSHS-B1042	SSHS-B1042-SUB-0-2	5/24/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.01U	1.1	0.54	0.092	<0.0084U	<0.012U	1.761
SSHS-B1043	SSHS-B1043-SUB-0-2	5/24/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.011U	1.8	0.92	0.24	<0.0086U	<0.012U	2.989
SSHS-B1044	SSHS-B1044-SUB-0-2	5/24/2018	0-2	<0.0066U	<0.013U	<0.012U	<0.012U	0.017J	0.018J	<0.0058U	<0.0099U	<0.014U	0.07165
SSHS-B1045	SSHS-B1045-SUB-0-2	5/24/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.01U	0.91	0.47	0.085	<0.0085U	<0.012U	1.494
SSHS-B1046	SSHS-B1046-SUB-0-2	5/24/2018	0-2	<0.0059U	<0.012U	<0.011U	<0.011U	0.11	0.062	0.014J	<0.0088U	<0.013U	0.2169
SSHS-B1047	SSHS-B1047-SUB-0-2	5/24/2018	0-2	<0.0062U	<0.012U	<0.011U	<0.011U	0.062	0.058	0.019	<0.0092U	<0.013U	0.1702
SSHS-B1048	SSHS-B1048-SUB-0-2	5/23/2018	0-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.12	0.17	0.029	<0.0092U	<0.013U	0.3502
SSHS-B1049	SSHS-B1049-SUB-0-2	5/24/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.011U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0892
SSHS-B1050	SSHS-B1050-SUB-0-2	5/24/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0084U	<0.012U	<0.0879
SSHS-B1051	SSHS-B1051-SUB-0-2	5/23/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
SSHS-B1052	SSHS-B1052-SUB-0-2	5/23/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0083U	<0.012U	<0.0866
SSHS-B1053	SSHS-B1053-SUB-0-2	5/23/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
SSHS-B1054	SSHS-B1054-SUB-0-2	5/24/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	0.32	0.22	0.06	<0.0084U	<0.012U	0.6285
SSHS-B1061	SSHS-B1061-SUB-0-2	5/24/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0084U	<0.012U	<0.0881
SSHS-B1063	SSHS-B1063-SUB-0-2	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-B1067	SSHS-B1067-SUB-0-2	6/26/2018	0-2	<0.016U	<0.016U	<0.016U	<0.016U	0.65J	0.38J	0.078J	<0.016U	<0.016U	1.156
SSHS-B1068	SSHS-B1068-SUB-0.2	6/24/2018	0-2	<1.7UJ	<1.7UJ	<1.7UJ	<1.7UJ	65J	22J	2.9J	<1.7UJ	<1.7UJ	95
SSHS-B11	B23461	5/10/2000	1-3	<0.038U	<0.038U	<0.038U	<0.038U	0.19	<0.038U	0.15	-	-	0.34
SSHS-B12	B23468	5/10/2000	1-4	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B123	SSHS-B123-SUB-0-2	8/3/2015	0-2	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.044J	0.0099J	<0.0037U	<0.0034U	<0.0063U	0.0539
SSHS-B1260	SSHS-B1260-SUB-0-2	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-B13	B23466	5/10/2000	1-2	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B133	SSHS-B133-SUB-0-2	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-B135	SSHS-B135-SUB-0-2	7/27/2015	0-2	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.88J	0.49J	0.079J	<0.0039U	<0.0071U	1.449
SSHS-B138	SSHS-B138-SUB-0-2	7/27/2015	0-2	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.32J	0.19J	0.04J	<0.0039U	<0.0071U	0.55
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	<0.037U	<0.037U	<0.037U	<0.037U	0.11	<0.037U	<0.037U	-	-	0.11
SSHS-B15	B23405T2	7/11/2000	0.75-1	<0.038U	<0.038U	<0.038U	<0.038U	0.042	<0.038U	<0.038U	-	-	0.042
SSHS-B150	SSHS-B150-SUB-0-2	7/27/2015	0-2	<0.02U	<0.025U	<0.034U	<0.025U	7.9J	3.7J	0.52J	<0.02U	<0.036U	12.12
SSHS-B151	SSHS-B151-SUB-0.17-2	8/5/2015	0.17-2	<0.19U	<0.23U	<0.31U	<0.23U	29J	13J	1.6J	<0.18U	<0.34U	43.6
SSHS-B15-A	SSHS-B15-A-0.17-1	7/22/2014	0.17-1	<0.0033U	<0.0042U	<0.0038U	<0.0036U	4.6J	1.9J	<0.0031U	<0.0028U	<0.0048U	6.5
SSHS-B15-A	SSHS-B15-A-1-2	7/22/2014	1-2	<0.00067U	<0.00086U	<0.00077U	<0.00073U	0.4J	0.15J	<0.00064U	<0.00058U	<0.00098U	0.55
SSHS-B15-B	SSHS-B15-B-0.17-1	7/22/2014	0.17-1	<0.0066U	<0.0084U	<0.0075U	<0.0072U	4.3J	2J	<0.0063U	<0.0057U	<0.0097U	6.3
SSHS-B15-B	SSHS-B15-B-1-2	7/22/2014	1-2	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.088J	0.056J	<0.0013U	<0.0011U	<0.002U	0.144
SSHS-B15-C	SSHS-B15-C-0.17-1	7/22/2014	0.17-1	<0.0066U	<0.0085U	<0.0076U	<0.0072U	4J	1.7J	<0.0063U	<0.0057U	<0.0097U	5.7
SSHS-B15-C	SSHS-B15-C-1-2	7/22/2014	1-2	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.81J	0.33J	<0.0013U	<0.0012U	0.029J	1.169
SSHS-B16	B23457	5/10/2000	1-2	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B164	SSHS-B164-SUB-0-2	7/27/2015	0-2	<0.0038U	<0.0047U	<0.0065U	<0.0048U	1.4J	0.71J	0.1J	<0.0038U	<0.0069U	2.21
SSHS-B165	SSHS-B165-SUB-0-2	7/27/2015	0-2	<0.0038U	<0.0047U	<0.0064U	<0.0047U	1.2J	0.59J	0.11J	<0.0037U	<0.0069U	1.9
SSHS-B166	SSHS-B166-SUB-0-2	7/27/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0047U	0.39J	0.12J	<0.0038U	<0.007U	0.51
SSHS-B168	SSHS-B168-SUB-0-2	7/27/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.68J	0.33J	0.072J	<0.0039U	<0.0071U	1.082
SSHS-B169	SSHS-B169-SUB-0.17-2	7/28/2015	0.17-2	<0.19U	<0.23U	<0.32U	<0.23U	55J	23J	2.3J	<0.18U	<0.34U	80.3
SSHS-B169B	B169-B	8/3/2017	0-0.5	<0.011U	<0.01U	<0.0079U	<0.016U	0.37	0.27	0.1	<0.0061U	<0.014U	0.7725
SSHS-B17	B23459	5/10/2000	1-3	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
SSHS-B170	SSHS-B170-SUB-0-2	7/27/2015	0-2	<0.0041U	<0.005U	<0.0069U	<0.005U	0.16J	0.09J	<0.02U	<0.004U	<0.0073U	0.25
SSHS-B173	SSHS-B173-SUB-0.17-2	8/5/2015	0.17-2	<0.076U	<0.093U	<0.13U	<0.094U	28J	13J	1.4J	<0.075U	<0.14U	42.4
SSHS-B174	SSHS-B174-SUB-0-2	8/4/2015	0-2	<0.0036U	<0.0044U	<0.006U	<0.0044U	1.8J	1J	0.15J	<0.0035U	<0.0064U	2.95
SSHS-B175	SSHS-B175-SUB-0.17-2	7/28/2015	0.17-2	<0.0038U	<0.0047U	<0.0065U	<0.0048U	4.2J	1.8J	0.23J	<0.0038U	<0.007U	6.23
SSHS-B176	SSHS-B176-SUB-0-2	8/4/2015	0-2	<0.0037U	<0.0046U	<0.0063U	<0.0046U	1.8J	1.1J	0.31J	<0.0037U	<0.0067U	3.21
SSHS-B177	SSHS-B177-SUB-0-2	7/23/2015	0-2	<0.19U,F1	<0.23U	<0.31U	<0.23U	55J	19J	2.2J	<0.18U	<0.34U	76.2
SSHS-B178	SSHS-B178-SUB-0-2	7/23/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.3J	0.71J	0.13J	<0.0039U	<0.0071U	2.14
SSHS-B179	SSHS-B179-SUB-0-2	8/4/2015	0-2	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.8J	1.3J	0.31J	<0.0039U	<0.0072U	3.41
SSHS-B18	B23460	5/10/2000	1-3	<0.037U	<0.037U	<0.037U	<0.037U	0.074	<0.037U	<0.037U	-	-	0.074
SSHS-B180	SSHS-B180-SUB-0-2	7/23/2015	0-2	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.61J	0.5J	0.15J	<0.0039U	<0.0071U	1.26
SSHS-B181	SSHS-B181-SUB-0-2	7/23/2015	0-2	<0.004U	<0.0049U	<0.0068U	<0.005U	0.72J	0.41J	0.093J	<0.004U	<0.0073U	1.223
SSHS-B182	SSHS-B182-SUB-0-2	7/23/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	2J	1J	0.25J	<0.0038U	<0.007U	3.25
SSHS-B183	SSHS-B183-SUB-0-2	8/4/2015	0-2	<0.077U	<0.094U	<0.13U	<0.095U	6.2J	2.8J	0.89J	<0.076U	<0.14U	9.89
SSHS-B184	SSHS-B184-SUB-0-2	8/4/2015	0-2	<0.19U	<0.23U	<0.32U	<0.23U	42J	19J	3.4J	<0.19U	<0.34U	64.4
SSHS-B185	SSHS-B185-SUB-0-2	7/23/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	4.2J	2.7J	0.63J	<0.0038U	<0.007U	7.53
SSHS-B186	SSHS-B186-SUB-0-2	8/4/2015	0-2	<0.076U	<0.093U	<0.13U	<0.094U	15J	6.3J	1.3J	<0.075U	<0.14U	22.6
SSHS-B187	SSHS-B187-SUB-0-2	7/23/2015	0-2	<0.038U	<0.047U	<0.065U	<0.048U	30J	13J	3.6J	<0.038U	<0.069U	46.6
SSHS-B188	SSHS-B188-SUB-0-2	7/23/2015	0-2	<0.0039U	<0.0047U	<0.0065U	<0.0048U	3.5J	2.8J	0.99J	<0.0038U	<0.007U	7.29
SSHS-B189	SSHS-B189-SUB-0-2	8/4/2015	0-2	<0.039U	<0.048U	<0.067U	<0.049U	12J	5.9J	0.99J	<0.039U	<0.071U	18.89
SSHS-B19	B23453	5/9/2000	1-4	<0.037U	<0.037U	<0.037U	<0.037U	0.015J	<0.037U	<0.037U	-	-	0.015
SSHS-B190	SSHS-B190-SUB-0-2	7/23/2015	0-2	<0.019U	<0.024U	<0.033U	<0.024U	7J	4J	0.97J	<0.019U	<0.035U	11.97
SSHS-B191	SSHS-B191-SUB-0-2	7/23/2015	0-2	<0.02U	<0.024U	<0.033U	<0.024U	11J	5.4J	1.1J	<0.019U	<0.036U	17.5
SSHS-B192	SSHS-B192-SUB-0-2	7/23/2015	0-2	<0.02U	<0.024U	<0.034U	<0.025U	6.3J	4.2J	1.2J	<0.02U	<0.036U	11.7
SSHS-B193	SSHS-B193-SUB-0-2	7/23/2015	0-2	<0.0077U	<0.0095U	<0.013U	<0.0095U	2.7J	1.4J	0.35J	<0.0076U	<0.014U	4.45
SSHS-B194	SSHS-B194-SUB-0-2	8/4/2015	0-2	<0.19U	<0.24U	<0.33U	<0.24U	68J	21J	3.4J	<0.19U	<0.35U	92.4
SSHS-B195	SSHS-B195-SUB-0-2	8/4/2015	0-2	<0.042U	<0.051U	<0.071U	<0.052U	7.4J	5.6J	1J	<0.041U	<0.076U	14
SSHS-B196	SSHS-B196-SUB-0-2	8/4/2015	0-2	<0.076U,F1	<0.094U	<0.13U	<0.095U	30J	11J	1.6J	<0.075U	<0.14U	42.6
SSHS-B197	SSHS-B197-SUB-0-2	7/23/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.1J	0.85J	0.18J	<0.0038U	<0.007U	2.13
SSHS-B198	SSHS-B198-SUB-0-2	8/4/2015	0-2	<0.004U	<0.0049U	<0.0067U	<0.0049U	5.6J	3.4J	0.46J	<0.0039U	<0.0072U	9.46
SSHS-B199	SSHS-B199-SUB-0-2	7/23/2015	0-2	<0.037U	<0.045U	<0.063U	<0.046U	24J	9.2J	1.5J	<0.037U	<0.067U	34.7
SSHS-B2	B23488	5/12/2000	1-2	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
SSHS-B200	SSHS-B200-SUB-0-2	7/23/2015	0-2	<0.019U,F1	<0.024U	<0.033U	<0.024U	8.3J	3.8J	0.86J	<0.019U	<0.035U	12.96
SSHS-B201	SSHS-B201-SUB-0-2	8/4/2015	0-2	<0.038U	<0.046U	<0.064U	<0.047U	13J	4.4J	0.84J	<0.037U	<0.068U	18.24
SSHS-B202	SSHS-B202-SUB-0-2	8/4/2015	0-2	<0.075U	<0.092U	<0.13U	<0.093U	21J	9.5J	1.4J	<0.074U	<0.14U	31.9
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.013U	<0.0056U	<0.0096U	<0.014U	<0.1016
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	<0.0063U	<0.013U	<0.012U	<0.012U	1	1	0.12	<0.0095U	<0.014U	2.153
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1015
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	<0.0069U	<0.014U	<0.013U	<0.013U	0.027	0.041	0.03	<0.01U	<0.015U	0.134

TABLE E-1
Summary of PCBs in Surface and Shallow Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
			Restricted - Residential										1
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B203	SSHS-B203-SUB-0-2	7/23/2015	0-2	<0.018U	<0.022U	<0.031U	<0.023U	14J	5.8J	1.1J	<0.018U	<0.033U	20.9
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.41	0.34	0.11	<0.0095U	<0.014U	0.8935
SSHS-B204	SSHS-B204-SUB-0-2	8/4/2015	0-2	<0.19U	<0.23U	<0.32U	<0.23U	29J	10J	1.4J	<0.19U	<0.34U	40.4
SSHS-B205	SSHS-B205-SUB-0-2	7/22/2015	0-2	<0.0038U	<0.0046U	<0.0064U	<0.0047U	2.3J	1.1J	0.18J	<0.0037U	<0.0068U	3.58
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	0.017J	<0.0095U	<0.014U	0.0644
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.0073U	<0.015U	<0.013U	<0.013U	<0.018U	<0.015U	<0.0064U	<0.011U	<0.016U	<0.1147
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0055U	<0.0093U	<0.013U	<0.096
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.12	0.11	<0.0056U	<0.0096U	<0.014U	0.2663
SSHS-B206	SSHS-B206-SUB-0-2	8/4/2015	0-2	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.94J	0.48J	0.072J	<0.0036U	<0.0066U	1.492
SSHS-B207	SSHS-B207-SUB-0-2	7/22/2015	0-2	<0.38U	<0.47U	<0.65U	<0.48U	160J	65J	5J	<0.38U	<0.69U	230
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0058U	<0.0099U	<0.014U	<0.1033
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.026	0.018J	<0.0056U	<0.0095U	<0.014U	0.08025
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	<0.0065U	<0.013U	<0.012U	<0.012U	0.71	0.78	0.073	<0.0097U	<0.014U	1.597
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	<0.0063U	<0.012U	<0.011U	<0.012U	0.49	0.33	0.097	<0.0093U	<0.014U	0.9493
SSHS-B208	SSHS-B208-SUB-0-2	7/22/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.49J	0.28J	0.049J	<0.0038U	<0.007U	0.819
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	<0.0067U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0058U	<0.01U	<0.014U	<0.1035
SSHS-B209	SSHS-B209-SUB-0-2	8/4/2015	0-2	<0.73U	<0.9U	<1.2U	<0.91U	230J	64J	15J	<0.72U	<1.3U	309
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.26	0.26	0.11	<0.0095U	<0.014U	0.6635
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	<0.0063U	<0.013U	<0.011U	<0.012U	0.71	0.91	0.22	<0.0094U	<0.014U	1.873
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.6	0.36	0.092	<0.009U	<0.013U	1.083
SSHS-B21	B23448	5/9/2000	1-4	<0.038U	<0.038U	<0.038U	<0.038U	0.69D	<0.038U	0.3	-	-	0.99
SSHS-B210	SSHS-B210-SUB-0-2	7/22/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	5.5J	2.3J	0.36J	<0.0038U	<0.007U	8.16
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	0.031	0.046	<0.0058U	<0.0099U	<0.014U	0.1137
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	<0.0067U	<0.013U	<0.012U	<0.012U	0.08	0.057	0.023	<0.01U	<0.014U	0.1939
SSHS-B211	SSHS-B211-SUB-0-2	8/4/2015	0-2	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.84J	0.53J	0.09J	<0.0036U	<0.0066U	1.46
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.0063U	<0.013U	<0.011U	<0.012U	<0.015U	0.016J	<0.0055U	<0.0094U	<0.014U	0.0591
SSHS-B212	SSHS-B212-SUB-0-2	7/28/2015	0-2	<0.039U	<0.048U	<0.066U	<0.048U	15J	6J	0.45J	<0.038U	<0.07U	21.45
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	<0.0067U	<0.013U	<0.012U	<0.012U	<0.016U	0.021	0.0097J	<0.01U	<0.015U	0.07305
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	<0.0067U	<0.013U	<0.012U	<0.012U	0.4	0.26	0.079	<0.01U	<0.014U	0.7729
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	0.11	0.085	<0.0058U	<0.0099U	<0.014U	0.2317
SSHS-B214	SSHS-B214-SUB-0-2	7/28/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.32J	0.36J	0.08J	<0.0039U	<0.0071U	0.76
SSHS-B216	SSHS-B216-SUB-0-2	7/16/2015	0-2	<0.02U	<0.025U	<0.034U	<0.025U	11J	4.4J	<0.021U	<0.02U	<0.036U	15.4
SSHS-B217	SSHS-B217-SUB-0-2	7/16/2015	0-2	<0.0042U	<0.0051U	<0.007U	<0.0052U	0.48J	0.21J	<0.0045U	<0.0041U	<0.0075U	0.69
SSHS-B218	SSHS-B218-SUB-0-2	7/16/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.5J	0.7J	0.076J	<0.0038U	<0.007U	2.276
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<0.006U	<0.012U	<0.011U	<0.011U	0.58	0.28	0.098	<0.0089U	<0.013U	0.989
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	<0.006U	<0.012U	<0.011U	<0.011U	1.7	1.7	0.21	<0.009U	<0.013U	3.641
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.0058U	<0.012U	<0.011U	<0.011U	1	0.63	0.067	<0.0086U	<0.013U	1.728
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.0056U	<0.011U	<0.01U	<0.01U	1.1	0.44	0.09	<0.0083U	<0.012U	1.658
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	0.73	0.15	<0.0097U	<0.014U	0.9216
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	<0.061U	<0.12U	<0.11U	<0.11U	18	4.7	0.82	<0.091U	<0.13U	23.83
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	<0.031U,F1	<0.061U	<0.056U	<0.057U	6.2	3	0.3	<0.046U	<0.067U	9.659
SSHS-B220	SSHS-B220-SUB-0-2	7/28/2015	0-2	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.1J	1.1J	0.078J	<0.0038U	<0.0069U	4.278
SSHS-B221	SSHS-B221-SUB-0-2	7/15/2015	0-2	<0.08U	<0.098U	<0.14U	<0.099U	14J	6.2J	<0.086U	<0.079U	<0.14U	20.2
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	0.034	<0.0058U	<0.0098U	<0.014U	0.0786
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	<0.0065U	<0.013U	<0.012U	<0.012U	0.36	0.095	0.045	<0.0098U	<0.014U	0.5337
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	<0.0063U	<0.013U	<0.012U	<0.012U	0.11	0.11	<0.0055U	<0.0094U	<0.014U	0.2561
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	4.5	0.52	<0.0095U	<0.014U	5.061
SSHS-B222	SSHS-B222-SUB-0-2	7/16/2015	0-2	<0.0042U	<0.0051U	<0.007U	<0.0052U	0.61J	0.31J	0.047J	<0.0041U	<0.0075U	0.967
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	<0.0063U	<0.013U	<0.012U	<0.012U	4	5	1.5	<0.0095U	<0.014U	10.53
SSHS-B223	SSHS-B223-SUB-0-2	7/28/2015	0-2	<0.004U	<0.0049U	<0.0068U	<0.005U	1J	0.69J	0.19J	<0.004U	<0.0073U	1.88
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	1.3	0.71	0.13p	<0.0096U	<0.014U	2.174
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	<0.0063U	<0.013U	<0.011U	<0.012U	2.3	1.1	0.087	<0.0094U	<0.014U	3.52
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B225	SSHS-B225-SUB-0-2	7/28/2015	0-2	<0.0039U,F1	<0.0048U	<0.0066U	<0.0048U	5.4J	2.1J	0.14J	<0.0038U	<0.007U	7.64
SSHS-B226	SSHS-B226-SUB-0-2	7/15/2015	0-2	<0.041U	<0.05U	<0.069U	<0.051U	9.6	<0.048U	0.19J	<0.04U	<0.074U	9.79
SSHS-B227	SSHS-B227-SUB-0-2	7/15/2015	0-2	<0.04U	<0.05U	<0.069U	<0.05U	11	<0.047U	0.19J	<0.04U	<0.073U	11.19
SSHS-B228	SSHS-B228-SUB-0-2	7/15/2015	0-2	<0.004U	<0.005U	<0.0069U	<0.005U	<0.005U	0.099J	0.038J	<0.004U	<0.0073U	0.137
SSHS-B229	SSHS-B229-SUB-0-2	7/15/2015	0-2	<0.004U	<0.005U	<0.0069U	<0.005U	2.7J	1.2J	0.1J	<0.004U	<0.0073U	4
SSHS-B23	B23439	5/9/2000	1-4	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
SSHS-B230	SSHS-B230-SUB-0-2	7/28/2015	0-2	<0.004U	<0.0049U	<0.0068U	<0.0049U	1.3J	0.43J	0.041J	<0.0039U	<0.0072U	1.771
SSHS-B2300	SSHS-B2300-SUB-0.17-2	8/29/2018	0.17-2	<0.0061U	<0.012U	<0.011U	<0.011U	2.7	1.1	0.23p	<0.0092U	<0.013U	4.061
SSHS-B2301	SSHS-B2301-SUB-0.17-2	8/28/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.3	0.14	0.028	<0.0095U	<0.014U	0.5015
SSHS-B2305	SSHS-B2305-SUB-0.17-2	8/29/2018	0.17-2	<0.0065U	<0.013U	<0.012U	<0.012U	0.14	0.15	<0.0057U	<0.0097U	<0.014U	0.3265
SSHS-B2309	SSHS-B2309-SUB-0.17-2	8/28/2018	0.17-2	<0.0062U	<0.012U	<0.011U	<0.011U	0.16	0.097	<0.0054U	<0.0093U	<0.013U	0.291
SSHS-B231	SSHS-B231-SUB-0-2	7/27/2015	0-2	<0.039U	<0.048U	<0.067U	<0.049U	17J	5.5J	0.61J	<0.039U	<0.071U	23.11
SSHS-B2312	SSHS-B2312-SUB-0.17-2	8/27/2018	0.17-2	<0.0065U	<0.013U	<0.012U	<0.012U	1.9	0.84	0.027	<0.0097U	<0.014U	2.801
SSHS-B2313	SSHS-B2313-SUB-0.17-2	8/27/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.12	0.087	<0.0056U	<0.0095U	<0.014U	0.2433
SSHS-B2315	SSHS-B2315-SUB-0.17-2	8/29/2018	0.17-2	<0.0059U	<0.012U	<0.011U	<0.011U	3.1	1.4	0.25	<0.0088U	<0.013U	4.781
SSHS-B2317	SSHS-B2317-SUB-0.17-2	8/29/2018	0.17-2	<0.0062U	<0.012U	<0.011U	<0.011U	0.018J	0.016J	<0.0054U	<0.0092U	<0.013U	0.0679
SSHS-B2318	SSHS-B2318-SUB-0.17-2	8/29/2018	0.17-2	<0.0063U	<0.012U	<0.011U	<0.012U	0.17	0.11	<0.0055U	<0.0094U	<0.014U	0.3151
SSHS-B232	SSHS-B232-SUB-0-2	7/27/2015	0-2	<0.0039U	<0.0047U	<0.0066U	<0.0048U	2.3J	1.1J	0.21J	<0.0038U	<0.007U	3.61
SSHS-B233	SSHS-B233-SUB-0-2	7/28/2015	0-2	<0.08U	<0.098U	<0.13U	<0.099U	40J	15J	1.1J	<0.079U	<0.14U	56.1
SSHS-B2342	SSHS-B2342-SUB-0.17-2	8/27/2018	0.17-2	<0.0063U	<0.013U	<0.012U	<0.012U	0.07	0.058	<0.0055U	<0.0094U	<0.014U	0.1641
SSHS-B2343	SSHS-B2343-SUB-0.17-2	8/27/2018	0.17-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.43	0.25	0.031	<0.0091U	<0.013U	0.7421
SSHS-B234A	SSHS-B234A-SUB-0-2	7/28/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.36J	0.21J	0.082J	<0.0039U	<0.0071U	0.652
SSHS-B236	SSHS-B236-SUB-0-2	7/14/2015	0-2	<0.0037U	<0.0046U	<0.0064U	<0.0046U	0.052J	0.032J	0.0093J	<0.0037U	<0.0068U	0.0933
SSHS-B237	SSHS-B237-SUB-0-2	7/27/2015	0-2	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.7J	0.99J	0.11J	<0.0039U	<0.0072U	2.8
SSHS-B2375	SSHS-B2375-SUB-0.17-2	8/28/2018	0.17-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.57	0.32	0.058	<0.009U	<0.013U	0.9791
SSHS-B2376	SSHS-B2376-SUB-0.17-2	8/28/2018	0.17-2	<0.0056U	<0.011U	<0.01U	<0.01U	0.034	0.023	<0.0049U	<0.0084U	<0.012U	0.08795
SSHS-B238	SSHS-B238-SUB-0-2	7/14/2015	0-2	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.54J	0.29J	0.056J	<0.0038U	<0.0069U	0.886
SSHS-B2385	SSHS-B2385-SUB-0.17-2	8/30/2018	0.17-2	<0.0068U	<0.014U	<0.012U	<0.012U	<0.017U	1.2	0.31	<0.01U	<0.015U	1.553
SSHS-B2386	SSHS-B2386-SUB-0.17-2	8/30/2018	0.17-2	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	0.071	0.017J	<0.0088U	<0.013U	0.1259
SSHS-B239	SSHS-B239-SUB-0-2	7/14/2015	0-2	<0.04U	<0.049U	<0.068U	<0.05U	14	<0.047U	0.23	<0.039U	<0.072U	14.23
SSHS-B24	B23438	5/9/2000	1-4	<0.038U	<0.038U	<0.038U	<0.038U	0.7D	<0.038U	0.14	-	-	0.84
SSHS-B240	SSHS-B240-SUB-0-2	7/27/2015	0-2	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.36J	0.21J	0.038J	<0.0039U	<0.0071U	0.608
SSHS-B241	SSHS-B241-SUB-0-2	7/14/2015	0-2	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.23J	0.11J	0.016J	<0.0038U	<0.0069U	0.356
SSHS-B242	SSHS-B242-SUB-0-2	7/27/2015	0-2	<0.2U	<0.24U	<0.33U	<0.24U	67J	24J	2.4J	<0.19U	<0.36U	93.4
SSHS-B243	SSHS-B243-SUB-0-2	7/30/2015	0-2	<0.0041U	<0.005U	<0.0069U	<0.005U	0.36J	0.23J	0.049J	<0.004U	<0.0074U	0.639
SSHS-B246	SSHS-B246-SUB-0-2	7/30/2015	0-2	<0.004U	<0.005U	<0.0068U	<0.005U	0.27J	0.19J	0.026J	<0.004U	<0.0073U	0.486
SSHS-B247	SSHS-B247-SUB-0-2	7/20/2015	0-2	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.032J	0.018J	0.0057J	<0.0039U	<0.0072U	0.0557
SSHS-B25	B23436	5/9/2000	1-4	<0.035U	<0.035U	<0.035U	<0.035U	1.5D	<0.035U	0.14	-	-	1.64
SSHS-B2500	SSHS-B2500-SUB-0.17-2	10/30/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	0.36J	0.06J	<0.0099U	<0.014U	0.4618
SSHS-B2501	SSHS-B2501-SUB-0.17-2	10/30/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	1.2J	0.24J	<0.0096U	<0.014U	1.482
SSHS-B2502	SSHS-B2502-SUB-0.17-2	10/30/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	0.099J	0.013J	<0.0099U	<0.014U	0.1538
SSHS-B2503	SSHS-B2503-SUB-0.17-2	10/30/2018	0.17-2	<0.0069U	<0.014U	<0.012U	<0.013U	<0.017U	0.38J	0.064J	<0.01U	<0.015U	0.488
SSHS-B2504	SSHS-B2504-SUB-0.17-2	10/30/2018	0.17-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.56J	0.17J	0.039J	<0.0092U	<0.013U	0.8002
SSHS-B2505	SSHS-B2505-SUB-0.17-2	10/30/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	1.3J	0.59J	0.16J	<0.0096U	<0.014U	2.084
SSHS-B2506	SSHS-B2506-SUB-0.17-2	10/30/2018	0.17-2	<0.0064U	<0.013U	<0.012U	<0.012U	0.96J	0.32J	0.077J	<0.0095U	<0.014U	1.39
SSHS-B2517	SSHS-B2517-SUB-0.17-2	10/31/2018	0.17-2	<0.0059U	<0.012U	<0.011U	<0.011U	0.57J	0.35J	0.047J	<0.0088U	<0.013U	0.9979
SSHS-B2528	SSHS-B2528-SUB-0.17-2	10/30/2018	0.17-2	<0.0067U	<0.013U	<0.012U	<0.012U	3J	0.75J	0.16J	<0.01U	<0.014U	3.944
SSHS-B2531	SSHS-B2531-SUB-0.17-2	10/30/2018	0.17-2	<0.0061U	<0.012U	<0.011U	<0.011U	0.64J	0.32J	0.093J	<0.0091U	<0.013U	1.084
SSHS-B2532	SSHS-B2532-SUB-0.17-2	10/29/2018	0.17-2	<0.0066U	<0.013U	<0.012U	<0.012U	1.6J	0.58J	0.15J	<0.0099U	<0.014U	2.364
SSHS-B2537	SSHS-B2537-SUB-0.17-2	10/30/2018	0.17-2	<0.0063U	<0.012U	<0.011U	<0.012U	0.08J	0.059J	0.011J	<0.0093U	<0.014U	0.1823
SSHS-B2538	SSHS-B2538-SUB-0.17-2	10/30/2018	0.17-2	<0.24U	<0.47U	<0.43U	<0.43U	88J	43J	3.8J	<0.35U	<0.51U	136
SSHS-B2603	SSHS-B2603-SUB-0.17-2	5/19/2019	0.17-2	<0.13U	<0.14U	<0.095U	<0.057U	51	12	3.5	<0.052U	<0.14U	66.81
SSHS-B2604	SSHS-B2604-SUB-0.17-2	5/19/2019	0.17-2	<0.0077U	<0.0084U	<0.0057U	<0.0035U	4.4	1.7	0.54	<0.0032U	<0.0083U	6.658
SSHS-B2606	SSHS-B2606-SUB-0.17-2	5/22/2019	0.17-2	<0.0062U	<0.0068U	<0.0047U	<0.0028U	1.9B	0.58	0.2	<0.0026U	<0.0068U	2.695
SSHS-B261	SSHS-B261-SUB-0-2	7/17/2015	0-2	<0.004U	<0.0049U	<0.0067U	<0.0049U	1.4J	0.79J	0.12J	<0.0039U	<0.0072U	2.31
SSHS-B2618	SSHS-B2618-SUB-0.17-2	5/17/2019	0.17-2	<0.03U	<0.032U	<0.022U	<0.013U	4.8	2.3	0.67	<0.012U	<0.032U	7.841
SSHS-B2623	SSHS-B2623-SUB-0.17-2	5/14/2019	0.17-2	<0.0062U	<0.0068U	<0.0047U	<0.0028U	2.6	1	0.41	<0.0026U	<0.0067U	4.025
SSHS-B2624	SSHS-B2624-SUB-0.17-2	5/14/2019	0.17-2	<0.032U	<0.035U	<0.024U	<0.015U	11	3.9	1.7	<0.013U	<0.035U	16.68
SSHS-B2648	SSHS-B2648-SUB-0.17-2	5/16/2019	0.17-2	<0.0067U	<0.0072U	<0.005U	<0.003U	2.7	0.71	<0.0058U	<0.0028U	<0.0072U	3.429
SSHS-B267	SSHS-B267-SUB-0-2	7/30/2015	0-2	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.029J	0.032J	0.0091J	<0.0035U	<0.0065U	0.0701
SSHS-B2677	SSHS-B2677-SUB-0.17-2	5/21/2019	0.17-2	<0.0059U	<0.0065U	<0.0044U	<0.0027U	2.2	1.4	0.22	<0.0025U	<0.0064U	3.834
SSHS-B2685	SSHS-B2685-SUB-0.17-2	5/17/2019	0.17-2	<0.006U,F1	<0.0065U	<0.0045U	<0.0027U	3.7	1.4	0.47	<0.0025U	<0.0064U	5.584
SSHS-B2686	SSHS-B2686-SUB-0.17-2	5/15/2019	0.17-2	<0.0063U	<0.0069U	<0.0047U	<0.0028U	3.3	1.3	0.51	<0.0026U	<0.0068U	5.125
SSHS-B2687	SSHS-B2687-SUB-0.17-2	5/14/2019	0.17-2	<0.0061U	<0.0066U	<0.0046U	<0.0027U	1	0.4	0.16	<0.0025U	<0.0066U	1.575

TABLE E-1
Summary of PCBs in Surface and Shallow Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
			Restricted - Residential										1
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B2689	SSHS-B2689-SUB-0.17-2	5/22/2019	0.17-2	<0.0063U	<0.0068U	<0.0047U	<0.0028U	2B	0.59	0.22	<0.0026U	<0.0068U	2.825
SSHS-B2690	SSHS-B2690-SUB-0.17-2	5/21/2019	0.17-2	<0.0059U	<0.0064U	<0.0044U	<0.0026U	1.9	1.3	0.33	<0.0024U	<0.0063U	3.544
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.0065U	<0.0071U	<0.0049U	<0.0029U	0.4	0.58	0.27	<0.0027U	<0.0071U	1.266
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.98	<0.0027U	0.093	<0.0025U	<0.0042U	1.073
SSHS-B2703	SSHS-B2703-SUB-0.17-2	5/19/2019	0.17-2	<0.31U	<0.34U	<0.23U	<0.14U	120	24	7.3	<0.13U	<0.33U	152
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.0067U	<0.0073U	<0.005U	<0.003U	<0.0049U	0.013J	<0.0059U	<0.0028U	<0.0073U	0.03445
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.0064U	<0.007U	<0.0048U	<0.0029U	0.045	0.067	0.067	<0.0027U	<0.007U	0.1944
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.0064U	<0.0069U	<0.0048U	<0.0029U	<0.0047U	0.65	0.43	<0.0026U	<0.0069U	1.098
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.0064U	<0.007U	<0.0048U	<0.0029U	<0.0047U	<0.0059U	0.052	<0.0027U	<0.0069U	0.07265
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.0066U	<0.0072U	<0.0049U	<0.003U	0.21	0.11	0.023	<0.0027U	<0.0071U	0.3588
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	<0.006U	<0.0066U	<0.0045U	<0.0027U	0.032	0.15	0.065	<0.0025U	<0.0065U	0.2614
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.0064U	<0.007U	<0.0048U	<0.0029U	0.19	0.2	0.094	<0.0027U	<0.0069U	0.4994
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.0066U	<0.0072U	<0.005U	<0.003U	0.37	0.18	<0.0058U	<0.0027U	<0.0072U	0.5688
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<0.0033U	<0.0036U	<0.0025U	<0.0015U	0.081	0.034	<0.0029U	<0.0014U	<0.0036U	0.1244
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.0067U	<0.0072U	<0.005U	<0.003U	0.83	0.32	<0.0058U	<0.0028U	<0.0072U	1.169
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.0071U	<0.0077U	<0.0053U	<0.0032U	0.045	0.021J,p	<0.0062U	<0.0029U	<0.0076U	0.086
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.0067U	<0.0073U	<0.005U	<0.003U	0.03	0.02J	<0.0059U	<0.0028U	<0.0073U	0.069
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.0068U	<0.0074U	<0.0051U	<0.0031U	0.058	0.025	<0.0059U	<0.0028U	<0.0073U	0.1022
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	<0.32U	<0.35U	<0.24U	<0.15U	78	35	11	<0.13U	<0.35U	124.8
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	<0.0063U	<0.0068U	<0.0047U	<0.0028U	2.9	0.97	0.34	<0.0026U	<0.0068U	4.225
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	<0.0062U	<0.0068U	<0.0047U	<0.0028U	0.17	0.091	0.039	<0.0026U	<0.0068U	0.315
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	<0.0059U	<0.0064U	<0.0044U	<0.0027U	0.69	0.38	0.15	<0.0024U	<0.0064U	1.234
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.006U	<0.0066U	<0.0045U	<0.0027U	2.6	1.2	0.47	<0.0025U	<0.0065U	4.284
SSHS-B2726	SSHS-B2726-SUB-0.17-2	5/22/2019	0.17-2	<0.0065U	<0.0071U	<0.0049U	<0.0029U	0.5B	0.19p	0.08	<0.0027U	<0.0071U	0.7856
SSHS-B2727	SSHS-B2727-SUB-0.17-2	5/22/2019	0.17-2	<0.031U	<0.034U	<0.023U	<0.014U	6B	1.5	0.41	<0.013U	<0.033U	7.984
SSHS-B2728	SSHS-B2728-SUB-0.17-2	5/21/2019	0.17-2	<0.063U	<0.068U	<0.047U	<0.028U	13	7.8	1.3	<0.026U	<0.068U	22.25
SSHS-B2729	SSHS-B2729-SUB-0.17-2	5/21/2019	0.17-2	<0.006U	<0.0065U	<0.0045U	<0.0027U	2.1	2.5	0.5	<0.0025U	<0.0065U	5.114
SSHS-B2730	SSHS-B2730-SUB-0.17-2	5/21/2019	0.17-2	<0.006U	<0.0065U	<0.0045U	<0.0027U	1.7	0.84	0.2	<0.0025U	<0.0064U	2.754
SSHS-B2731	SSHS-B2731-SUB-0.17-2	5/21/2019	0.17-2	<0.0059U	<0.0064U	<0.0044U	<0.0027U	1.7	0.8	0.18	<0.0024U	<0.0064U	2.694
SSHS-B2732	SSHS-B2732-SUB-0.17-2	5/21/2019	0.17-2	<0.0058U	<0.0063U	<0.0044U	<0.0026U	0.12	0.061	0.017J	<0.0024U	<0.0063U	0.2119
SSHS-B2768	SSHS-B2768-SUB-0.17-2	5/14/2019	0.17-2	<0.0061U	<0.0066U	<0.0046U	<0.0027U	1.9	0.83	0.35	<0.0025U	<0.0066U	3.095
SSHS-B2769	SSHS-B2769-SUB-0.17-2	5/15/2019	0.17-2	<0.006U	<0.0065U	<0.0045U	<0.0027U	5	2.3p	0.96	<0.0025U	<0.0064U	8.274
SSHS-B2806	SSHS-B2806-SUB-0.17-2	5/15/2019	0.17-2	<0.0061U	<0.0066U	<0.0045U	<0.0027U	0.034	0.025	0.016J	<0.0025U	<0.0066U	0.0895
SSHS-B285	SSHS-B285-SUB-0-2	7/14/2015	0-2	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.51J	0.29J	0.077J	<0.0037U	<0.0069U	0.877
SSHS-B29	B23430	5/8/2000	1-4	<0.036U	<0.036U	<0.036U	<0.036U	2.4D	<0.036U	0.52	-	-	2.92
SSHS-B297	SSHS-B297-SUB-0.17-1	8/3/2015	0.17-1	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.41J	0.35J	0.048J	<0.0035U	<0.0063U	0.808
SSHS-B298	SSHS-B298-SUB-0.17-2	8/3/2015	0.17-2	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.25J	0.39J	0.048J	<0.0036U	<0.0066U	0.688
SSHS-B299	SSHS-B299-SUB-0-2	7/24/2015	0-2	<0.0037U	<0.0045U	<0.0062U	<0.0046U	<0.0045U	<0.0043U	<0.004U	<0.0036U	<0.0067U	<0
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0027U	<0.0035U	<0.0031U	<0.003U	2.7	<0.0026U	0.4	<0.0023U	<0.004U	3.1
SSHS-B30	B23431	5/8/2000	1-4	<0.036U	<0.036U	<0.036U	<0.036U	9.4D	<0.036U	3.6JD	-	-	13
SSHS-B300	SSHS-B300-SUB-0-2	7/24/2015	0-2	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.043J	0.053J	0.018J	<0.0035U	<0.0065U	0.114
SSHS-B301	SSHS-B301-SUB-0-2	7/24/2015	0-2	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.19J	0.14J	0.03J	<0.0039U	<0.0072U	0.36
SSHS-B302	SSHS-B302-SUB-0-2	7/24/2015	0-2	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.1J	0.84J	0.2J	<0.0037U	<0.0068U	2.14
SSHS-B303	SSHS-B303-SUB-0-1	8/5/2015	0-1	<0.0036U	<0.0044U	<0.006U	<0.0044U	0.023J	0.048J	0.025J	<0.0035U	<0.0064U	0.096
SSHS-B304	SSHS-B304-SUB-0-1	8/5/2015	0-1	<0.0036U	<0.0044U	<0.0061U	<0.0044U	<0.0044U	0.0066J	<0.0038U	<0.0035U	<0.0065U	0.0066
SSHS-B305	SSHS-B305-SUB-0.17-2	7/14/2015	0.17-2	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.021	0.016J	0.0062J	<0.0037U	<0.0068U	0.0432
SSHS-B308	SSHS-B308-SUB-0-2	3/2/2016	0-2	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.92J	0.35J	0.057J	<0.0038U	<0.0063U	1.327
SSHS-B309	SSHS-B309-SUB-0-2	3/2/2016	0-2	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.1J	0.041J	<0.0071U	<0.0039U	<0.0065U	0.141
SSHS-B310	SSHS-B310-SUB-0-2	3/2/2016	0-2	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.8J	0.54J	0.11J	<0.0035U	<0.0058U	2.45
SSHS-B311	SSHS-B311-SUB-0-2	3/2/2016	0-2	<0.0088U	<0.014U	<0.0048U	<0.0071U	3.2J	1.1J	0.31J	<0.0036U	<0.0059U	4.61
SSHS-B314	SSHS-B314-SUB-0-2	3/2/2016	0-2	<0.091U	<0.14U	<0.05U	<0.074U	10J	4.8J	0.35J	<0.037U	<0.062U	15.15
SSHS-B315	SSHS-B315-SUB-0.17-2	3/1/2016	0.17-2	<0.087U,F1	<0.14U	<0.047U	<0.07U	8.2J	3.2J	0.59J	<0.035U	<0.059U	11.99
SSHS-B316	SSHS-B316-SUB-0-2	3/2/2016	0-2	<0.0091U	<0.014U	<0.005U	<0.0073U	4.8J	1.2J	0.18J	<0.0037U	<0.0061U	6.18
SSHS-B317	SSHS-B317-SUB-0-2	3/1/2016	0-2	<0.0094U	<0.015U	<0.0051U	<0.0076U	0.16	<0.0076U	0.062	<0.0038U	<0.0064U	0.222
SSHS-B318	SSHS-B318-SUB-0-2	3/2/2016	0-2	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.12J	0.084J	0.029J	<0.0038U	<0.0063U	0.233
SSHS-B32	B23433	5/8/2000	1-4	<0.035U	<0.035U	<0.035U	<0.035U	8.3D	<0.035U	0.45E	-	-	8.75
SSHS-B320	SSHS-B320-SUB-0-2	3/2/2016	0-2	<0.0094U	<0.015U	<0.0051U	<0.0076U	2J	1.1J	0.19J	<0.0038U	<0.0064U	3.29
SSHS-B324	SSHS-B324-SUB-0.17-2	3/1/2016	0.17-2	<0.043U	<0.068U	<0.024U	<0.035U	5.3J	1.9J	0.37J	<0.018U	<0.029U	7.57
SSHS-B326	SSHS-B326-SUB-0-2	3/2/2016	0-2	<0.089U	<0.14U	<0.049U	<0.072U	13J	6.5J	0.61J	<0.036U	<0.061U	20.11
SSHS-B334	SSHS-B334-SUB-0-2	3/3/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	0.54J	0.2J	0.044J	<0.0033U	<0.0054U	0.784
SSHS-B34	B23434	5/9/2000	1-4	<0.036U	<0.036U	<0.036U	<0.036U	<3.4D	<0.036U	0.26	-	-	0.26
SSHS-B346	SSHS-B346-SUB-0-2	3/4/2016	0-2	<0.19U	<0.29U	<0.1U	<0.15U	25J	9.9J	1.4J	<0.076U	<0.13U	36.3
SSHS-B348	SSHS-B348-SUB-0-2	3/7/2016	0-2	<0.0087U	<0.014U	<0.0048U	<0.007U	0.39J	0.2J	0.031J	<0.0035U	<0.0059U	0.621
SSHS-B349	SSHS-B349-SUB-0-2	3/7/2016	0-2	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.6J	0.89J	0.14J	<0.0036U	<0.006U	2.63
SSHS-B350	SSHS-B350-SUB-0-2	3/4/2016	0-2	<0.0085U	<0.013U	<0.0047U	<0.0069U	4.7J	2.1J	0.51J	<0.0035U	<0.0058U	7.31
SSHS-B351	SSHS-B351-SUB-0-2	3/4/2016	0-2	<0.0085U	<0.013U	<0.0046U	<0.0068U	1.7J	1.1J	0.29J	<0.0035U	<0.0058U	3.09
SSHS-B353	SSHS-B353-SUB-0-2	3/7/2016	0-2	<0.046U	<0.072U	<0.025U	<0.037U	15J	5.8J	0.87J	<0.019U	<0.031U	21.67
SSHS-B354	SSHS-B354-SUB-0-2	3/4/2016	0-2	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.29J	0.23J	0.074J	<0.0035U	<0.0058U	0.594
SSHS-B355	SSHS-B355-SUB-0-2	3/7/2016	0-2	<0.046U	<0.073U	<0.025U	<0.037U	7.3J	3.6J	0.73J	<0.019U	<0.031U	11.63
SSHS-B357	SSHS-B357-SUB-0-2	3/4/2016	0-2	<0.0092U	<0.015U	<0.0051U	<0.0074U	1.7J	0.82J	0.13J	<0.0038U	<0.0063U	2.65
SSHS-B358	SSHS-B358-SUB-0.17-2	3/4/2016	0.17-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	2J	0.69J	<0.0033U	<0.0055U	6.69
SSHS-B359	SSHS-B359-SUB-0.17-2	3/4/2016	0.17-2	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.01J	<0.0065U	<0.006U	<0.0033U	<0.0055U	0.01
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.035U	<0.035U	<0.035U	<0.035U	0.28D	<0.035U	0.1	-	-	0.38
SSHS-B360	SSHS-B360-SUB-0-2	3/4/2016	0-2	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.022	<0.0065U	<0.006U	<0.0033U	<0.0055U	0.022
SSHS-B361	SSHS-B361-SUB-0-2	3/4/2016	0-2	<0.046U	<0.072U	<0.025U	<0.037U	7.5J	2.7J	0.4J	<0.019U	<0.031U	10.6
SSHS-B363	SSHS-B363-SUB-0-2	3/7/2016	0-2	<0.088U	<0.14U	<0.048U	<0.071U	19J	10J	2.4J	<0.036U	<0.06U	31.4
SSHS-B364	SSHS-B364-SUB-0-2	3/4/2016	0-2	<0.0089U	<0.014U	<0.0049U	<0.0072U	2.4J	3.3J	0.7J	<0.0036U	<0.006U	6.4
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
SSHS-B38	B38	9/12/2000	1-4.5	<0.037U	<0.037U	<0.037U	<0.037U	0.74D	<0.037U	0.13	-	-	0.87
SSHS-B381	SSHS-B381-SUB-0-2	3/9/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0064U	0.28J	0.12J	0.028J	<0.0033U	<0.0054U	0.428
SSHS-B382	SSHS-B382-SUB-0-2	3/9/2016	0-2	<0.0091U	<0.014U	<0.005U	<0.0073U	0.0094J	0.011J	<0.0068U	<0.0037U	<0.0062U	0.0204
SSHS-B39	B39	9/12/2000	0.5-2.5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.21J	0.15J	0.055J	<0.0034U	<0.0057U	0.436
SSHS-B40	B40	9/12/2000	0.5-2.5	<0.037U	<0.037U	<0.037U	<0.037U	1.2D	<0.037U	0.11	-	-	1.31
SSHS-B407	SSHS-B407-SUB-0-2	8/25/2016	0-2	<0.009U	<0.014U	<0.0049U	<0.0072U	0.012J	<0.0073U	<0.0067U	<0.0037U	<0.0061U	0.04145
SSHS-B408	SSHS-B408-SUB-0-2	8/25/2016	0-2	<0.0092U	<0.015U	<0.005U	<0.0074U	5.5J	2.3J	0.11J	<0.0038U	<0.0063U	7.933
SSHS-B409	SSHS-B409-SUB-0-2	8/25/2016	0-2	<0.009U	<0.014U	<0.0049U	<0.0072U	0.43J	0.26J	0.066J	<0.0037U	<0.0061U	0.7785
SSHS-B40-A	SSHS-B40-A-SUB-0-2	7/14/2015	0-2	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.45J	0.38J	0.14J	<0.0037U	<0.0069U	0.97
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	<0.0091U	<0.014U	<0.005U	<0.0074U	0.046J	0.027J	<0.0068U	<0.0037U	<0.0062U	0.0991
SSHS-B411	SSHS-B411-SUB-0-2	8/22/2016	0-2	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.4J	0.95J	0.27J	<0.0035U	<0.0058U	2.641
SSHS-B412	SSHS-B412-SUB-0-2	8/25/2016	0-2	<0.0092U	<0.015U	<0.005U	<0.0074U	0.2J	0.11J	<0.0069U	<0.0037U	<0.0062U	0.3367
SSHS-B413	SSHS-B413-SUB-0-2	8/26/2016	0-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.83J	0.3J	0.072J	<0.0033U	<0.0056U	1.223
SSHS-B414	SSHS-B414-SUB-0-2	8/22/2016	0-2	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.6J	0.86J	0.14J	<0.0035U	<0.0058U	2.621
SSHS-B415	SSHS-B415-SUB-0-2	8/22/2016	0-2	<0.0088U	<0.014U	<0.0048U	<0.0071U	4.1J	2J	0.4J	<0.0036U	<0.006U	6.522
SSHS-B416	SSHS-B416-SUB-0-2	8/22/2016	0-2	<0.009U	<0.014U	<0.0049U	<0.0073U	5.7J	3.2J	0.5J	<0.0037U	<0.0061U	9.423
SSHS-B417	SSHS-B417-SUB-0-2	8/22/2016	0-2	<0.045U	<0.071U	<0.024U	<0.036U	25J	8.9J	2.7J	<0.018U	<0.03U	36.71
SSHS-B418	SSHS-B418-SUB-0-2	8/23/2016	0-2	<0.043U	<0.067U	<0.023U	<0.034U	12J	7.2J	1.4J	<0.017U	<0.029U	20.71
SSHS-B419	SSHS-B419-SUB-0-2	8/23/2016	0-2	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.5J	0.97J	0.25J	<0.0034U	<0.0056U	2.741
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B420	SSHS-B420-SUB-0-2	8/23/2016	0-2	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.2J	1.3J	0.32J	<0.0034U	<0.0056U	3.841
SSHS-B421	SSHS-B421-SUB-0-2	8/23/2016	0-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.34J	0.4J	0.11J	<0.0033U	<0.0055U	0.8706
SSHS-B422	SSHS-B422-SUB-0-2	8/23/2016	0-2	<0.04U	<0.063U	<0.022U	<0.032U	3.9J	3.3J	0.49J	<0.016U	<0.027U	7.79
SSHS-B423	SSHS-B423-SUB-0-2	8/22/2016	0-2	<0.0085U	<0.013U	<0.0047U	<0.0069U	4.9J	4.1J	1.1J	<0.0035U	<0.0058U	10.12
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.35J	0.19J	0.051J	<0.0036U	<0.0059U	0.6131
SSHS-B425	SSHS-B425-SUB-0-2	8/22/2016	0-2	<0.009U	<0.014U	<0.0049U	<0.0073U	0.64J	0.37J	0.087J	<0.0037U	<0.0061U	1.12
SSHS-B426	SSHS-B426-SUB-0-2	8/23/2016	0-2	<0.0084U,F2	<0.013U	<0.0046U	<0.0068U	0.15J	0.11J	<0.0063U,F2	<0.0034U	<0.0057U	0.2841
SSHS-B427	SSHS-B427-SUB-0-2	8/23/2016	0-2	<0.041U	<0.065U	<0.023U	<0.033U	7.7J	3.5J	0.47J	<0.017U	<0.028U	11.77
SSHS-B428	SSHS-B428-SUB-0.17-2	8/26/2016	0.17-2	<0.0085U	<0.013U	<0.0046U	<0.0068U	4.8J	3.1J	0.94J	<0.0035U	<0.0057U	8.861
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	<0.0089U	<0.014U	<0.0049U	<0.0072U	6.2J	2.3J	0.5J	<0.0036U	<0.0061U	9.022
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.0029U	<0.0037U	<0.0033U	<0.0031U	0.055	<0.0027U	<0.0027U	<0.0025U	<0.0042U	0.055
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.04U	<0.04U	<0.04U	<0.04U	0.39	<0.04U	<0.04U	-	-	0.39
SSHS-B430	SSHS-B430-SUB-0-2	8/25/2016	0-2	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.042J	0.068J	<0.007U	<0.0038U	<0.0063U	0.137
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0028U	<0.0036U	<0.0033U	<0.0031U	0.41	<0.0027U	0.097	<0.0025U	<0.0042U	0.507
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B441	SSHS-B441-SUB-0-2	8/24/2016	0-2	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.7J	0.21J	<0.007U	<0.0038U	<0.0063U	0.937
SSHS-B442	SSHS-B442-SUB-0-2	8/24/2016	0-2	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.7J	0.69J	0.16J	<0.0036U	<0.006U	2.572

TABLE E-1
Summary of PCBs in Surface and Shallow Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
			Restricted - Residential										1
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B451	SSHS-B451-SUB-0-2	9/27/2016	0-2	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.56J	0.37J	<0.0059U	<0.0032U	<0.0054U	0.9531
SSHS-B452	SSHS-B452-SUB-0-2	9/27/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	0.058J	0.014J	<0.0033U	<0.0054U	0.09435
SSHS-B455	SSHS-B455-SUB-0-2	8/30/2016	0-2	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	<0.0555
SSHS-B456	SSHS-B456-SUB-0-2	8/30/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	<0.0572
SSHS-B457	SSHS-B457-SUB-0-2	8/30/2016	0-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.022J	0.016J	<0.0062U	<0.0034U	<0.0056U	0.06175
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.037U	<0.037U	<0.037U	<0.037U	0.32	<0.037U	<0.037U	-	-	0.32
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B483	SSHS-B483-SUB-0-2	9/1/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	3.1J	1.5J	0.4J	<0.0033U	<0.0054U	5.02
SSHS-B484	SSHS-B484-SUB-0-2	9/1/2016	0-2	<0.0081U	<0.013U	<0.0044U	<0.0065U	2.4J	1.2J	0.3J	<0.0033U	<0.0055U	3.92
SSHS-B485	SSHS-B485-SUB-0-2	9/1/2016	0-2	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0055U	<0.0574
SSHS-B486	SSHS-B486-SUB-0-2	9/1/2016	0-2	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.0071J	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0.03285
SSHS-B487	SSHS-B487-SUB-0-2	8/31/2016	0-2	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.35J	0.12J	0.028J	<0.0033U	<0.0055U	0.5184
SSHS-B488	SSHS-B488-SUB-0-2	9/1/2016	0-2	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.65J	0.41J	0.11J	<0.0032U	<0.0053U	1.189
SSHS-B489	SSHS-B489-SUB-0-2	9/1/2016	0-2	<0.041U	<0.064U	<0.022U	<0.033U	18J	6.6J	1.5J	<0.017U	<0.028U	26.2
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B490	SSHS-B490-SUB-0-2	9/1/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	1.4J	0.56J	<0.0033U	<0.0054U	1.982
SSHS-B491	SSHS-B491-SUB-0-2	9/1/2016	0-2	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041UJ	0.54J	0.18J	<0.0033U	<0.0055U	0.7425
SSHS-B492	SSHS-B492-SUB-0-2	8/31/2016	0-2	<0.0079U	<0.013U	<0.0043U	<0.0064U	4J	2J	0.84J	<0.0032U	<0.0054U	6.86
SSHS-B493	SSHS-B493-SUB-0-2	8/31/2016	0-2	<0.04U	<0.063U	<0.022U	<0.032U	10J	4.3J	0.92J	<0.016U	<0.027U	15.32
SSHS-B494	SSHS-B494-SUB-0-2	8/23/2016	0-2	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	2.2J	0.4J	<0.0034U	<0.0056U	7.721
SSHS-B495	SSHS-B495-SUB-0-2	8/23/2016	0-2	<0.0083U	<0.013U	<0.0046U	<0.0067U	2J	0.83J	0.14J	<0.0034U	<0.0056U	2.991
SSHS-B496	SSHS-B496-SUB-0-2	8/23/2016	0-2	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.2J	1.3J	0.26J	<0.0034U	<0.0056U	3.781
SSHS-B497	SSHS-B497-SUB-0-2	8/31/2016	0-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.7J	0.54J	0.11J	<0.0033U	<0.0055U	2.371
SSHS-B498	SSHS-B498-SUB-0-2	8/31/2016	0-2	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.056J	0.018J	<0.0034U	<0.0057U	0.205
SSHS-B499	SSHS-B499-SUB-0-2	9/20/2016	0-2	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.014J	<0.0064U	<0.0059U	<0.0032U	<0.0054U	0.03975
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B500	SSHS-B500-SUB-0-2	9/1/2016	0-2	<0.081U	<0.13U	<0.044U	<0.065U	13J	6.9J	2.1J	<0.033U	<0.055U	22.2
SSHS-B501	SSHS-B501-SUB-0-2	9/1/2016	0-2	<0.0093U	<0.015U	<0.0051U	<0.0075U	1.5J	0.81J	0.18J	<0.0038U	<0.0063U	2.514
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B511	SSHS-B511-SUB-0-2	8/31/2016	0-2	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.5J	0.74J	<0.0063U	<0.0034U	<0.0057U	3.264
SSHS-B516	SSHS-B516-SUB-0-2	8/23/2016	0-2	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.38J	0.2J	0.04J	<0.0035U	<0.0058U	0.6411
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	<0.081U	<0.13U	<0.044U	<0.065U	16J	7.9J	2.3J	<0.033U	<0.055U	26.4
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B521	SSHS-B521-SUB-0-2	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-B522	SSHS-B522-SUB-0-2	9/16/2016	0-2	<0.008U	<0.013U	<0.0044U	<0.0065U	1.4J	0.51J	0.084J	<0.0033U	<0.0054U	2.014
SSHS-B524	SSHS-B524-SUB-0-2	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-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B531	SSHS-B531-SUB-0-2	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-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B557	SSHS-B557-SUB-0-2	9/7/2016	0-2	<0.0041U	<0.0064U	<0.0022U	<0.0033U	1.1J	0.72J	0.13J	<0.0017U	<0.0028U	1.96
SSHS-B558	SSHS-B558-SUB-0-2	9/7/2016	0-2	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.55J	0.27J	0.04J	<0.00083U	<0.0014U	0.8651
SSHS-B559	SSHS-B559-SUB-0-2	9/7/2016	0-2	<0.002U	<0.0032U	<0.0011U	<0.0016U	1.3J	0.9J	0.18J	<0.00082U	<0.0014U	2.385
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	-	-	<0
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	<0.004U	<0.0064U	<0.0022U	<0.0033U	1.4J	0.85J	0.15J	<0.0016U	<0.0027U	2.41
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	0.053	-	-	0.053
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	<0.058
SSHS-B576	SSHS-B576-SUB-0.17-2	2/15/2017	0.17-2	<0.011U	<0.011U	<0.008U	<0.016U	0.11J	0.089J	0.054J	<0.0062U	<0.015U	0.2866
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B587	SSHS-B587-SUB-0-2	2/15/2017	0-2	<0.0094U	<0.0092U	<0.007U	<0.014U	0.063J	0.041J	<0.012U	<0.0054U	<0.013U	0.139
SSHS-B588	SSHS-B588-SUB-0.17-2	2/15/2017	0.17-2	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	0.054J	0.035J	<0.0061U	<0.014U	0.1263
SSHS-B589	SSHS-B589-SUB-0.17-2	2/15/2017	0.17-2	<0.01U	<0.01U	<0.0076U	<0.015U	0.012J	0.011J	<0.013U	<0.0059U	<0.014U	0.06075
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B590	SSHS-B590-SUB-0-2	2/15/2017	0-2	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15J	0.11J	0.032J	<0.0055U	<0.013U	0.3213
SSHS-B591	SSHS-B591-SUB-0-2	2/15/2017	0-2	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.018	<0.012U	<0.0055U	<0.013U	0.05765
SSHS-B593	SSHS-B593-SUB-0-2	2/15/2017	0-2	<0.0092U	<0.009U	<0.0069U	<0.014U	0.045J	0.12J	0.058J	<0.0053U	<0.012U	0.2512
SSHS-B595	SSHS-B595-SUB-0.17-2	2/10/2017	0.17-2	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.037J	0.026J	<0.012U	<0.0054U	<0.013U	0.063
SSHS-B596	SSHS-B596-SUB-0.17-2	2/10/2017	0.17-2	<0.011U	<0.011U	<0.008U	<0.016U	0.2J	0.093J	0.034J	<0.0062U	<0.015U	0.327
SSHS-B6	B23486	5/11/2000	1-3	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B619	SSHS-B619-SUB-0-2	2/14/2017	0-2	<0.0096U,F1	<0.0094U	<0.0072U	<0.014U	2.3J	0.89J	0.17J	<0.0055U	<0.013U	3.36
SSHS-B634	SSHS-B634-SUB-0-2	2/10/2017	0-2	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.019J	0.0077J	<0.012U	<0.0053U	<0.012U	0.0267
SSHS-B636	SSHS-B636-SUB-0-2	2/13/2017	0-2	<0.009U	<0.0088U	<0.0067U	<0.013U	0.024J	0.014J	<0.011U	<0.0052U	<0.012U	0.038
SSHS-B637	SSHS-B637-SUB-0-2	2/13/2017	0-2	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0
SSHS-B638	SSHS-B638-SUB-0-2	2/16/2017	0-2	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.027J	0.017J	<0.011U	<0.0052U	<0.012U	0.0775
SSHS-B639	SSHS-B639-SUB-0-2	2/13/2017	0-2	<0.0093U	<0.0091U	<0.007U	<0.014U	0.084J	0.042J	0.012J	<0.0054U	<0.013U	0.138
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.0026U	<0.0033U	<0.003U	<0.0029U	1.9	<0.0025U	0.1	<0.0023U	<0.0038U	2
SSHS-B640	SSHS-B640-SUB-0-2	2/13/2017	0-2	<0.0094U	<0.0091U	<0.007U	<0.014U	0.019J	0.0099J	<0.012U	<0.0054U	<0.013U	0.0289
SSHS-B641	SSHS-B641-SUB-0-2	2/13/2017	0-2	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033J	0.025J	<0.012U	<0.0055U	<0.013U	0.058
SSHS-B642	SSHS-B642-SUB-0-2	2/13/2017	0-2	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0074U	<0.011U	<0.0052U	<0.012U	<0
SSHS-B643	SSHS-B643-SUB-0-2	2/16/2017	0-2	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.015J	0.015J	<0.011U	<0.0052U	<0.012U	0.0635
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.026U	<0.033U	<0.03U	<0.028U	10	<0.025U	0.5	<0.022U	<0.038U	10.5
SSHS-B651	SSHS-651-SUB-0-2	2/14/2017	0-2	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.5J	0.54J	0.1J	<0.0055U	<0.013U	2.14
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.051U	<0.066U	<0.059U	<0.056U	24	<0.049U	1.1	<0.044U	<0.075U	25.1
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.54U	<0.69U	<0.62U	<0.59U	260	<0.52U	12	<0.47U	<0.8U	272
SSHS-B678	SSHS-B678-SUB-0-2	3/21/2017	0-2	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.38	0.11	0.061	<0.0056U	<0.013U	0.5811
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.26U	<0.34U	<0.3U	<0.29U	100	<0.25U	4.9	<0.23U	<0.39U	104.9
SSHS-B688	SSHS-B688-SUB-0-2	3/21/2017	0-2	<0.011U	<0.01U	<0.0079U	<0.016U	0.18	0.034p	0.022	<0.0061U	<0.014U	0.2685
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.52	<0.0026U	0.051	<0.0023U	<0.0039U	0.571
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.003U	1.4	<0.0027U	0.1	<0.0024U	<0.0041U	1.5
SSHS-B702	SSHS-B702-SUB-0-2	3/21/2017	0-2	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.41	0.12	0.041	<0.0056U	<0.013U	0.6011
SSHS-B703	SSHS-B703-SUB-0-2	3/23/2017	0-2	<0.011U	<0.011U	<0.0083U	<0.017U	0.15	0.058	0.015J	<0.0064U	<0.015U	0.2574
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.07	<0.0025U	<0.0075J	<0.0023U	<0.0038U	0.07
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.042	<0.0027U	<0.0027U	<0.0024U	<0.0041U	0.042
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.033	<0.0026U	<0.016J	<0.0024U	<0.004U	0.033
SSHS-B746	SSHS-B746-SUB-0-2	5/22/2017	0-2	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.25	0.12	0.032	<0.0052U	<0.012U	0.43
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.7	<0.0026U	0.37	<0.0024U	<0.004U	4.07
SSHS-B759	SSHS-B759-SUB-0-2	5/22/2017	0-2	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.23	0.17	0.052	<0.0052U	<0.012U	0.48
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.47	<0.0026U	0.06	<0.0024U	<0.0041U	0.53
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0026U	<0.0033U	<0.0029U	<0.0028U	0.089	<0.0024U	0.073	<0.0022U	<0.0038U	0.162
SSHS-B770	SSHS-B770-SUB-0-2	5/22/2017	0-2	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.15	0.12	0.037	<0.0057U	<0.013U	0.3373
SSHS-B771	SSHS-B771-SUB-0-2	5/22/2017	0-2	<0.0093U	<0.0091U	<0.0069U	<0.014U	<0.0084U	0.35	0.054	<0.0053U	<0.013U	0.437
SSHS-B774	SSHS-B774-SUB-0-2	5/22/2017	0-2	<0.0092U	<0.009U	<0.0069U	<0.014U	0.16	0.15	0.049	<0.0053U	<0.012U	0.3872
SSHS-B777	SSHS-B777-SUB-0-2	5/23/2017	0-2	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.17	0.097	0.034	<0.0055U	<0.013U	0.3302
SSHS-B779	SSHS-B779-SUB-0-2	5/22/2017	0-2	<0.0092U	<0.009U	<0.0069U	<0.014U	0.3	0.17	0.047	<0.0053U	<0.012U	0.5452
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.0031U	0.63	<0.0027U	0.13	<0.0024U	<0.0041U	0.76
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B814	SSHS-B814-SUB-0.17-2	5/18/2017	0.17-2	<0.01U	<0.01U	<0.0078U	<0.016U	0.73	0.48	0.062	<0.006U	<0.014U	1.304
SSHS-B815	SSHS-B815-SUB-0.17-2	5/18/2017	0.17-2	<0.01U	<0.01U	<0.0076U	<0.015U	3.7	2.8	0.56	<0.0059U	<0.014U	7.091
SSHS-B816	SSHS-B816-SUB-0.17-2	5/18/2017	0.17-2	<0.01U	<0.01U	<0.0078U	<0.016U	0.39	0.16	0.055	<0.006U	<0.014U	0.6369
SSHS-B817	SSHS-B817-SUB-0.17-2	5/18/2017	0.17-2	<0.01U	<0.01U	<0.0076U	<0.015U	0.18	0.088	0.054	<0.0059U	<0.014U	0.3533
SSHS-B818	SSHS-B818-SUB-0.17-2	5/18/2017	0.17-2	<0.01U	<0.01U	<0.0078U	<0.016U	0.17	0.12	<0.013U	<0.006U	<0.014U	0.3284
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B822	SSHS-B822-SUB-0-2	6/19/2017	0-2	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	<0.091
SSHS-B825	SSHS-B25-SUB-0-2	7/13/2017	0-2	<0.095U	<0.093U	<0.071U	<0.14U	8	2.4	0.44	<0.055U	<0.13U	11.13
SSHS-B829	SSHS-B829-SUB-0-2	1/10/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	<0.013U	<0.012U	<0.0048U	<0.0082U	<0.012U	<0.0865
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B833	SSHS-B833-SUB-0-2	1/8/2018	0-2	<0.0057U	<0.011U	<0.01U	<0.01U	0.73J	0.34J	0.066J	<0.0085U	<0.012U	1.165
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0027U	<0.0035U	<0.0032U	<0.003U	0.15	<0.0026U	0.035	<0.0024U	<0.004U	0.185

TABLE E-1
Summary of PCBs in Surface and Shallow Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
			Restricted - Residential										1
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.049	<0.0027U	0.036	<0.0024U	<0.0041U	0.085
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.019	<0.0025U	<0.0073J	<0.0023U	<0.0039U	0.019
SSHS-B899	SSHS-B899-SUB-0-2	1/8/2018	0-2	<0.0066U	<0.013U	<0.012U	<0.012U	3.4J	1.5J	0.28J	<0.0098U	<0.014U	5.214
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.067	<0.0026U	0.059p	<0.0024U	<0.004U	0.126
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.32	<0.0026U	0.071	<0.0023U	<0.004U	0.391
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0029U	<0.0037U	<0.0033U	<0.0032U	0.045	<0.0028U	0.041	<0.0025U	<0.0043U	0.086
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.0028U	<0.0036U	<0.0033U	<0.0031U	0.039	<0.0027U	<0.0098J	<0.0024U	<0.0042U	0.039
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0028U	<0.0036U	<0.0032U	<0.0031U	0.18	<0.0027U	0.039	<0.0024U	<0.0041U	0.219
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.058	<0.0025U	0.021	<0.0023U	<0.0039U	0.079
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.0032U	<0.004U	<0.0036U	<0.0035U	0.26	<0.003U	0.076	<0.0027U	<0.0046U	0.336
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.0028U	<0.0037U	<0.0033U	<0.0031U	0.87	<0.0027U	0.24	<0.0025U	<0.0042U	1.11
SSHS-E-2-2	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	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-FB1	B23493	6/29/2000	0.5-2	<0.038U	<0.038U	<0.038U	<0.038U	2.1D	<0.038U	0.84D	-	-	2.94
SSHS-FB10	B23407	6/29/2000	1-3	<0.039U	<0.039U	<0.039U	<0.039U	2.7D	<0.039U	0.19	-	-	2.89
SSHS-FB10-A	SSHS-FB10-A-SUB-0-2	7/15/2015	0-2	<0.083U	<0.1U	<0.14U	<0.1U	34J	14J	<0.089U	<0.082U	<0.15U	48
SSHS-FB11	B23408	6/29/2000	1-3	<0.039U	<0.039U	<0.039U	<0.039U	0.33	<0.039U	0.12	-	-	0.45
SSHS-FB2	B23496	6/29/2000	0.5-1	<0.04U	<0.04U	<0.04U	<0.04U	0.13	<0.04U	<0.04U	-	-	0.13
SSHS-FB6	B23401	6/29/2000	1-2	<0.04U	<0.04U	<0.04U	<0.04U	0.94D	<0.04U	0.066	-	-	1.006
SSHS-FB6	B23404	6/29/2000	1-3	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-FB6-AA	SSHS-FB6-AA-SUB-0-2	7/15/2015	0-2	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	1.3J	0.71J	<0.0038U	<0.0071U	2.01
SSHS-FB7	B23403	6/29/2000	1-3	<0.04U	<0.04U	<0.04U	<0.04U	<100U	<0.04U	4.2E	-	-	4.2
SSHS-FB7	B23405T3	8/14/2000	1.5-2	<0.04U	<0.04U	<0.04U	<0.04U	160D	<0.04U	<0.04U	-	-	160
SSHS-FB7-A	SSHS-FB7-A-SUB-0.17-1	7/21/2014	0.17-1	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.15J	0.066J	<0.0013U	<0.0012U	<0.002U	0.216
SSHS-FB7-A	SSHS-FB7-A-SUB-1-2	7/21/2014	1-2	<0.028U	<0.036U	<0.032U	<0.03U	20J	6.9J	<0.026U	<0.024U	<0.041U	26.9
SSHS-FB7-B	SSHS-FB7-B-SUB-0.17-1	7/21/2014	0.17-1	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.041J	0.022J	<0.0014U	<0.0013U	<0.0021U	0.063
SSHS-FB7-B	SSHS-FB7-B-SUB-1-2	7/21/2014	1-2	<0.072U	<0.093U	<0.083U	<0.079U	23J	7.2J	<0.069U	<0.062U	<0.11U	30.2
SSHS-FB7-C	SSHS-FB7-C-SUB-0.17-1	7/21/2014	0.17-1	<0.0015U	<0.0019U	<0.0017U	<0.0016U	2.6J	0.99J	<0.0014U	<0.0013U	0.16J	3.75
SSHS-FB7-C	SSHS-FB7-C-SUB-1-2	7/21/2014	1-2	<0.014U	<0.018U	<0.016U	<0.015U	16J	6.2J	<0.013U	<0.012U	1J	23.2
SSHS-FB7-D	SSHS-FB7-D-SUB-0.17-1	7/21/2014	0.17-1	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.12J	0.064J	<0.0013U	<0.0012U	<0.002U	0.184
SSHS-FB7-D	SSHS-FB7-D-SUB-1-2	7/21/2014	1-2	<0.0074U	<0.0095U	<0.0085U	<0.0081U	5J	1.8J	<0.007U	<0.0064U	<0.011U	6.8
SSHS-FB7-E	SSHS-FB7-E-SUB-0.17-1	7/21/2014	0.17-1	<0.0069U	<0.0088U	<0.0079U	<0.0075U	5J	2.1J	<0.0066U	<0.0059U	<0.01U	7.1
SSHS-FB7-E	SSHS-FB7-E-SUB-1-2	7/21/2014	1-2	<0.028U	<0.035U	<0.032U	<0.03U	19J	6.6J	<0.026U	<0.024U	<0.041U	25.6
SSHS-FB9	B23406	6/29/2000	1-2	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	0.068	-	-	0.068
SSHS-FB9-AA	SSHS-FB9-AA-SUB-0.17-0.5	7/16/2015	0.17-0.5	<0.0043U	<0.0052U	<0.0072U	<0.0053U	1.5J	0.87J	0.13J	<0.0042U	<0.0077U	2.5
SSHS-MW42	MW-42-0-1	3/1/2016	0-1	<0.0096U	<0.015U	<0.0052U	<0.0077U	<0.0049U	<0.0077U	<0.0072U	<0.0039U	<0.0065U	<0
SSHS-MW43	MW-43-1-2	3/1/2016	1-2	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.0088J	<0.0067U	<0.0062U	<0.0034U	<0.0057U	0.0088
SSHS-MW43a	MW-43	8/4/2018	1.5-1.5	<0.0059U	<0.012U	<0.011U	<0.011U	0.016J	<0.013U	<0.0052U	<0.0089U	<0.013U	0.056
SSHS-MW44	MW-44-0-2	2/29/2016	0-2	<0.0093U	<0.015U	<0.0051U	<0.0075U	<0.0047U	<0.0075U	<0.0069U	<0.0038U	<0.0063U	<0
SSHS-MW45	SSHS-MW45-SUB-0-2	8/30/2016	0-2	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.32J	0.21J	0.042J	<0.0034U	<0.0056U	0.5928
SSHS-NE SIDEWALL S	NORTH EXCAVATION SIDEWALL	7/10/2017	0-2	<0.0093U	<0.009U	<0.0069U	<0.014U	3.8J	1.9J	0.54J	<0.0053U	<0.013U	6.269
SSHS-SE BTM WALL 1	SE BOTTOM WALL 1	7/23/2017	0-2	<0.093U	<0.091U	<0.069U	<0.14U	19J	7.6J	0.82J	<0.053U	<0.13U	27.71
SSHS-SE BTM WALL 2	SE BOTTOM WALL 2	7/23/2017	0-2	<0.11U	<0.11U	<0.081U	<0.16U	43J	12J	1.5J	<0.062U	<0.15U	56.84
SSHS-SE BTM WALL 3	SE BOTTOM WALL 3	7/23/2017	0-2	<0.01U	<0.01U	<0.0077U	<0.016U	3.7J	1.4J	0.091J	<0.0059U	<0.014U	5.223
SSHS-SE SIDEWALL 1	SE SIDEWALL 1	7/24/2017	0-2	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0089U	0.0091J	<0.012U	<0.0057U	<0.013U	0.04975
SSHS-SS12-A	SSHS-SS12-A-0.17-1	7/22/2014	0.17-1	<0.00068U	<0.00087U	<0.00078U	<0.00074U	0.93J	0.45J	<0.00065U	<0.00059U	<0.001U	1.38
SSHS-SS12-A	SSHS-SS12-A-1-2	7/22/2014	1-2	<0.013U	<0.017U	<0.015U	<0.014U	23J	9.1J	<0.013U	<0.011U	<0.019U	32.1
SSHS-SS12-B	SSHS-SS12-B-0.17-1	7/22/2014	0.17-1	<0.0034U	<0.0044U	<0.0039U	<0.0037U	1.5J	1.1J	<0.0032U	<0.0029U	<0.005U	2.6
SSHS-SS12-B	SSHS-SS12-B-1-2	7/22/2014	1-2	<0.0067U	<0.0086U	<0.0077U	<0.0073U	5.7J	3.6J	<0.0064U	<0.0058U	<0.0098U	9.3
SSHS-SS12-C	SSHS-SS12-C-0.17-1	7/22/2014	0.17-1	<0.0034U	<0.0043U	<0.0039U	<0.0037U	1.6J	0.88J	<0.0032U	<0.0029U	<0.0049U	2.48
SSHS-SS12-C	SSHS-SS12-C-1-2	7/22/2014	1-2	<0.0066U	<0.0084U	<0.0076U	<0.0072U	9.9J	4.5J	<0.0063U	<0.0057U	<0.0097U	14.4
SSHS-SW-001	SW-001-0-2	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	SW-014-0-2	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-015	SW-015-0-2	7/11/2018	0-2	<0.0055U	<0.011U	<0.01U	<0.01U	0.034J	0.02J	<0.0048U	<0.0081U	<0.012U	0.0847
SSHS-SW-017	SW-017-0-2	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
OS3-SB-DIS	OS3-SB-DIS_07-30-12	7/30/2012	0-0	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0
SSHS-B10	B23463	5/10/2000	0-0.25	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
SSHS-B1055	SSHS-B1055-SS	5/22/2018	0-0.17	<0.0079U	<0.016U	<0.014U	<0.015U	<0.019U	0.022J	<0.0069U	<0.012U	<0.017U	0.0759
SSHS-B1056	SSHS-B1056-SS	5/22/2018	0-0.17	<0.0078U	<0.016U	<0.014U	<0.014U	0.25J	0.13J	<0.0068U	<0.012U	<0.017U	0.4238
SSHS-B1057	SSHS-B1057-SS	5/22/2018	0-0.17	<0.0094U	<0.019U	<0.017U	<0.017U	0.026J	<0.02U	<0.0082U	<0.014U	<0.02U	0.0883
SSHS-B1058	SSHS-B1058-SS	5/22/2018	0-0.17	<0.0075U	<0.015U	<0.014U	<0.014U	<0.018U	<0.016U	<0.0066U	<0.011U	<0.016U	<0.1181
SSHS-B1059	SSHS-B1059-SS	5/22/2018	0-0.17	<0.0083U	<0.017U	<0.015U	<0.015U	<0.02U	<0.017U	<0.0073U	<0.012U	<0.018U	<0.1296
SSHS-B11	B23462	5/10/2000	0-0.25	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
SSHS-B12	B23467	5/10/2000	0-0.25	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
SSHS-B13	B23465	5/10/2000	0-0.25	<0.044U	<0.044U	<0.044U	<0.044U	0.15	<0.044U	<0.044U	-	-	0.15
SSHS-B14	B23471	5/10/2000	0-0.25	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
SSHS-B15	B23455	5/10/2000	0-0.25	<0.043U	<0.043U	<0.043U	<0.043U	0.19	<0.043U	<0.043U	-	-	0.19
SSHS-B15-B	SSHS-B15-B-SS	7/22/2014	0-0.17	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.62J	0.4J	<0.0013U	<0.0012U	<0.0021U	1.02
SSHS-B1S-A	SSHS-B1S-A-SS	7/22/2014	0-0.17	<0.0014U	<0.0017U	<0.0016U	<0.0015U	<0.00087U	<0.0013U	<0.0013U	<0.0012U	<0.002U	<0
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	<0.0075U	<0.015U	<0.014U	<0.014U	<0.018U	<0.016U	<0.0066U	<0.011U	<0.016U	<0.1181
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	<0.0073U	<0.015U	<0.013U	<0.013U	<0.018U	0.26	0.061	<0.011U	<0.016U	0.3677
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	<0.0073U	<0.014U	<0.013U	<0.013U	0.07	0.16	<0.0064U	<0.011U	<0.016U	0.2704
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	<0.007U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0062U	<0.011U	<0.015U	<0.1112
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	<0.007U	<0.014U	<0.013U	<0.013U	<0.017U	<0.015U	<0.0061U	<0.01U	<0.015U	<0.1101
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	<0.0077U	<0.015U	<0.014U	<0.014U	<0.019U	<0.016U	<0.0067U	<0.011U	<0.017U	<0.1204
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	<0.0076U	<0.015U	<0.014U	<0.014U	0.063	0.089	<0.0067U	<0.011U	<0.016U	0.1942
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	<0.0071U	<0.014U	<0.013U	<0.013U	<0.017U	0.015J	<0.0062U	<0.011U	<0.015U	0.06315
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	<0.0075U	<0.015U	<0.014U	<0.014U	<0.018U	<0.016U	<0.0066U	<0.011U	<0.016U	<0.1181
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	<0.0079U	<0.016U	<0.014U	<0.015U	<0.019U	<0.017U	<0.0069U	<0.012U	<0.017U	<0.1248
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	<0.008U	<0.016U	<0.015U	<0.015U	<0.02U	<0.017U	<0.007U	<0.012U	<0.017U	<0.127
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	<0.0077U	<0.015U	<0.014U	<0.014U	0.18	0.12	<0.0067U	<0.011U	<0.017U	0.3427
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	<0.0078U	<0.016U	<0.014U	<0.014U	0.08	0.062	<0.0069U	<0.012U	<0.017U	0.1859
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	<0.008U	<0.016U	<0.015U	<0.015U	<0.019U	0.021J	<0.007U	<0.012U	<0.017U	0.0755
SSHS-B21	B23447	5/9/2000	0-0.25	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	<0.0077U	<0.015U	<0.014U	<0.014U	<0.019U	0.018J	<0.0067U	<0.012U	<0.017U	0.0707
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	<0.0082U	<0.016U	<0.015U	<0.015U	0.026	0.022J	<0.0071U	<0.012U	<0.018U	0.09365
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	<0.0097U	<0.019U	<0.018U	<0.018U	<0.024U	<0.02U	<0.0085U	<0.014U	<0.021U	<0.1522
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	<0.007U	<0.014U	<0.013U	<0.013U	0.037	0.062	<0.0061U	<0.01U	<0.015U	0.1381
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	<0.0079U	<0.016U	<0.014U	<0.014U	0.045	0.046	<0.0069U	<0.012U	<0.017U	0.1349
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	<0.0077U	<0.015U	<0.014U	<0.014U	0.13	0.11	<0.0067U	<0.011U	<0.017U	0.2827
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	<0.0078U	<0.016U	<0.014U	<0.014U	<0.019U	0.15	<0.0068U	<0.012U	<0.017U	0.2033
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	<0.0078U	<0.015U	<0.014U	<0.014U	0.5	0.44	0.046	<0.012U	<0.017U	1.026
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	<0.0077U	<0.015U	<0.014U	<0.014U	<0.019U	0.025	<0.0068U	<0.012U	<0.017U	0.07775
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	<0.0073U	<0.014U	<0.013U	<0.013U	0.12	0.15	<0.0063U	<0.011U	<0.016U	0.3103
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	<0.0087U	<0.017U	<0.016U	<0.016U	0.027	0.049	<0.0076U	<0.013U	<0.019U	0.1247
SSHS-B23	B23442	5/9/2000	0-0.25	<0.039U	<0.039U	<0.039U	<0.039U	0.79D	<0.039U	0.1	-	-	0.89
SSHS-B24	B23446	5/9/2000	0-0.25	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-B2450	SSHS-B2450-SS	8/24/2018	0-0.17	<0.0078U	<0.015U	<0.014U	<0.014U	0.033	0.043	0.017J	<0.012U	<0.017U	0.1329
SSHS-B2451	SSHS-B2451-SS	8/24/2018	0-0.17	<0.0074U	<0.015U	<0.014U	<0.014U	<0.018U	0.06	0.022J	<0.011U	<0.016U	0.1297
SSHS-B2452	SSHS-B2452-SS	8/24/2018	0-0.17	<0.0076U	<0.015U	<0.014U	<0.014U	<0.018U	0.033	0.014J	<0.011U	<0.016U	0.0948
SSHS-B2453	SSHS-B2453-SS	8/24/2018	0-0.17	<0.0077U	<0.015U	<0.014U	<0.014U	0.11	0.094	0.022J	<0.012U	<0.017U	0.2659
SSHS-B2454	SSHS-B2454-SS	8/24/2018	0-0.17	<0.0076U	<0.015U	<0.014U	<0.014U	0.085	0.082	0.018J	<0.011U	<0.016U	0.2238
SSHS-B2455	SSHS-B2455-SS	8/24/2018	0-0.17	<0.0076U	<0.015U	<0.014U	<0.014U	<0.019U	0.047	0.016J	<0.011U	<0.016U	0.1113
SSHS-B25	B23445	5/9/2000	0-0.25	<0.038U	<0.038U	<0.038U	<0.038U	0.086	<0.038U	<0.038U	-	-	0.086
SSHS-B2603A	SSHS-B2603A-SS	6/12/2019	0-0.17	<0.0066U	<0.0072U	<0.0049U	<0.003U	3.1	2.3	0.52	<0.0027U	<0.0071U	5.936
SSHS-B2624A	SSHS-B2624A-SS	6/12/2019	0-0.17	<0.0066U	<0.0072U	<0.0049U	<0.003U	0.16	0.059	0.026	<0.0027U	<0.0071U	0.2608
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.0034U	<0.0043U	<0.0039U	<0.0037U	0.36	<0.0032U	0.049	<0.0029U	<0.0049U	0.409
SSHS-B2703A	SSHS-B2703A-SS	6/12/2019	0-0.17	<0.0068U	<0.0074U	<0.0051U	<0.003U	2.9	1.9	0.43	<0.0028U	<0.0073U	5.246
SSHS-B2717A	SSHS-B2717A-SS	6/12/2019	0-0.17	<0.0071U	<0.0077U	<0.0053U	<0.0032U	0.87	0.52	0.25	<0.0029U	<0.0077U	1.657
SSHS-B28	B23451	5/9/2000	0-0.25	<0.04U	<0.04U	<0.04U	<0.04U	0.023J	<0.04U	<0.04U	-	-	0.023
SSHS-B289	SSHS-B289-SUB-0-2	7/24/2015	0-2	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1J	0.68J	0.2J	<0.0036U	<0.0066U	1.88
SSHS-B29	B23403T2	7/11/2000	0-0.25	<0.038U	<0.038U	<0.038U	<0.038U	0.36	<0.038U	0.055	-	-	0.415
SSHS-B296	SSHS-B296-SS	7/21/2015	0-0.17	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.014J	0.0093J	<0.004U	<0.0037U	<0.0068U	0.0233
SSHS-B297	SSHS-B297-SS	8/3/2015	0-0.17	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.052J	0.046J	0.01J	<0.0034U	<0.0063U	0.108
SSHS-B298	SSHS-B298-SS	8/3/2015	0-0.17	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.077J	0.18J	0.038J	<0.0036U	<0.0066U	0.295

TABLE E-1
Summary of PCBs in Surface and Shallow Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00067	0.00085	0.00077	0.00073	0.00082	0.0012	0.00064	0.00057	0.00098	
			Restricted - Residential										1
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.0032U	<0.0041U	<0.0037U	<0.0035U	0.9	<0.0031U	0.14	<0.0028U	<0.0047U	1.04
SSHS-B30	B23404T2	7/11/2000	0-0.25	<0.038U	<0.038U	<0.038U	<0.038U	0.18	<0.038U	0.071	-	-	0.251
SSHS-B305	SSHS-B305-SS	7/14/2015	0-0.17	<0.0041U	<0.005U	<0.0069U	<0.005U	<0.005U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
SSHS-B324	SSHS-B324-SS	3/1/2016	0-0.17	<0.011U	<0.017U	<0.0058U	<0.0085U	0.75	<0.0085U	0.092	<0.0043U	<0.0072U	0.842
SSHS-B32-A	SSHS-B32-A-SS	7/21/2014	0-0.17	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.55J	0.32J	<0.0013U	<0.0011U	<0.002U	0.87
SSHS-B33	B23452	5/9/2000	0-0.25	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	<0.035U	-	-	<0
SSHS-B34-A	SSHS-B34-A-SS	7/21/2014	0-0.17	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.071J	0.058J	<0.0013U	<0.0012U	0.029J	0.158
SSHS-B35	B23443	5/9/2000	0-0.25	<0.041U	<0.041U	<0.041U	<0.041U	0.33	<0.041U	0.097	-	-	0.427
SSHS-B358	SSHS-B358-SS	3/4/2016	0-0.17	<0.0094U	<0.015U	<0.0051U	<0.0075U	<0.0048U	<0.0075U	<0.007U	<0.0038U	<0.0063U	<0
SSHS-B359	SSHS-B359-SS	3/4/2016	0-0.17	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0036U	<0.0061U	<0
SSHS-B36	B36	9/12/2000	0-0	<0.037U	<0.037U	<0.037U	<0.037U	0.079	<0.037U	<0.037U	-	-	0.079
SSHS-B37	B37	9/12/2000	0-0	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B38	B38	9/12/2000	0-0	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B39	B39	9/12/2000	0-0	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
SSHS-B40	B40	9/12/2000	0-0	<0.041U	<0.041U	<0.041U	<0.041U	0.16	<0.041U	<0.041U	-	-	0.16
SSHS-B41	B41	9/12/2000	0-0	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-B42	B42	9/12/2000	0-0	<0.041U	<0.041U	<0.041U	<0.041U	0.056	<0.041U	<0.041U	-	-	0.056
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
SSHS-B43	B43	9/12/2000	0-0	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.003U	<0.0039U	<0.0035U	<0.0033U	0.056	<0.0029U	<0.0029U	<0.0026U	<0.0045U	0.056
SSHS-B44	B44	9/13/2000	0-0	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
SSHS-B45	B45	9/13/2000	0-0	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
SSHS-B46	B46	9/13/2000	0-0	<0.043U	<0.043U	<0.043U	<0.043U	1.7D	<0.043U	0.13	-	-	1.83
SSHS-B46-A	SSHS-B46-A-SS	7/21/2014	0-0.17	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.1J	0.077J	<0.0014U	<0.0013U	<0.0022U	0.177
SSHS-B47	B47	9/13/2000	0-0	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
SSHS-B48	B48	9/13/2000	0-0	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
SSHS-B49	B49	9/13/2000	0-0	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
SSHS-B4SS-A	SSHS-B4SS-A-SS	7/22/2014	0-0.17	<0.0014U	<0.0018U	<0.0016U	<0.0015U	<0.00088U	<0.0013U	<0.0013U	<0.0012U	<0.002U	<0
SSHS-B50	B50	9/13/2000	0-0	<0.042U	<0.042U	<0.042U	<0.042U	0.15	<0.042U	<0.042U	-	-	0.15
SSHS-B51	B51	9/13/2000	0-0	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B52	B52	9/13/2000	0-0	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	-	-	<0
SSHS-B53	B53	9/13/2000	0-0	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
SSHS-B54	B54	9/13/2000	0-0	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
SSHS-B55	B55	9/13/2000	0-0	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	<0.046U	-	-	<0
SSHS-B56	B56	9/13/2000	0-0	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
SSHS-B57	B57	9/13/2000	0-0	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	0.078	-	-	0.078
SSHS-B576	SSHS-B576-SS	2/15/2017	0-0.17	<0.012U	<0.011U	<0.0088U	<0.018U	0.019J	0.019J	<0.015U	<0.0068U	<0.016U	0.0818
SSHS-B58	B58	9/13/2000	0-0	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B588	SSHS-B588-SS	2/15/2017	0-0.17	<0.012U	<0.011U	<0.0088U	<0.018U	<0.011U	0.018J	<0.015U	<0.0067U	<0.016U	0.06725
SSHS-B589	SSHS-B589-SS	2/15/2017	0-0.17	<0.012U	<0.012U	<0.009U	<0.018U	<0.011U	<0.01U	<0.015U	<0.0069U	<0.016U	<0.1099
SSHS-B59	B59	9/13/2000	0-0	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-B595	SSHS-B595-SS	2/10/2017	0-0.17	<0.012U	<0.012U	<0.009U	<0.018U	<0.011J	<0.01J	<0.015U	<0.0069U	<0.016U	<0
SSHS-B596	SSHS-B596-SS	2/10/2017	0-0.17	<0.012U	<0.011U	<0.0086U	<0.017U	0.012J	0.012J	<0.015J	<0.0066U	<0.016U	0.024
SSHS-B597	SSHS-B597-SS	2/16/2017	0-0.17	<0.012U	<0.012U	<0.0089U	<0.018U	0.011J	0.011J	<0.015U	<0.0069U	<0.016U	0.0664
SSHS-B601	SSHS-B601-SS	2/10/2017	0-0.17	<0.011U	<0.011U	<0.0084U	<0.017U	0.53J	0.59J	0.12J	<0.0065U	<0.015U	1.24
SSHS-B602	SSHS-B602-SS	2/10/2017	0-0.17	<0.01U	<0.01U	<0.0078U	<0.016U	0.71J	0.71J	0.15J	<0.006U	<0.014U	1.57
SSHS-B603	SSHS-B603-SS	2/10/2017	0-0.17	<0.012U	<0.012U	<0.0089U	<0.018U	1.5J	1.1J	0.19J	<0.0069U	<0.016U	2.79
SSHS-B604	SSHS-B604-SS	2/10/2017	0-0.17	<0.018U	<0.018U	<0.013U	<0.027U	0.13J	0.13J	0.051J	<0.01U	<0.024U	0.311
SSHS-B605	SSHS-B605-SS	2/10/2017	0-0.17	<0.011U	<0.011U	<0.0084U	<0.017U	0.043J	0.045J	<0.014U	<0.0064U	<0.015U	0.088
SSHS-B606	SSHS-B606-SS	2/10/2017	0-0.17	<0.012U	<0.012U	<0.0092U	<0.018U	0.057J	0.053J	<0.015U	<0.0071U	<0.017U	0.11
SSHS-B607	SSHS-B607-SS	2/10/2017	0-0.17	<0.013U	<0.012U	<0.0094U	<0.019U	0.21J	0.14J	0.027J	<0.0073U	<0.017U	0.377
SSHS-B608	SSHS-B608-SS	2/9/2017	0-0.17	<0.014U	<0.013U	<0.01U	<0.02U	0.23J	0.16J	0.034J	<0.0078U	<0.018U	0.4654
SSHS-B609	SSHS-B609-SS	2/9/2017	0-0.17	<0.013U	<0.012U	<0.0095U	<0.019U	0.33J	0.18J	0.026J	<0.0073U	<0.017U	0.5749
SSHS-B610	SSHS-B610-SS	2/10/2017	0-0.17	<0.013U,F1	<0.013U	<0.01U	<0.02U	0.48J	0.39J	0.075J	<0.0077U	<0.018U	0.945
SSHS-B611	SSHS-B611-SS	2/9/2017	0-0.17	<0.013U	<0.013U	<0.0098U	<0.02U	0.23J	0.16J	0.025J	<0.0075U	<0.018U	0.4557
SSHS-B612	SSHS-B612-SS	2/7/2017	0-0.17	<0.012U	<0.012U	<0.009U	<0.018U	0.037J	0.022J	<0.015U	<0.0069U	<0.016U	0.1035
SSHS-B613	SSHS-B613-SS	2/8/2017	0-0.17	<0.013U	<0.012U	<0.0094U	<0.019U	0.086J	0.055J	0.024J	<0.0073U	<0.017U	0.2039
SSHS-B615	SSHS-B615-SS	2/7/2017	0-0.17	<0.012U	<0.012U	<0.009U	<0.018U	0.24J	0.12J	0.033J	<0.007U	<0.016U	0.43
SSHS-B616	SSHS-B616-SS	2/7/2017	0-0.17	<0.013U	<0.012U	<0.0094U	<0.019U	0.43J	0.18J	0.042J	<0.0072U	<0.017U	0.6908
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.003U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
SSHS-B731	SSHS-B731-SS	4/11/2017	0-0.17	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	1.9	0.45	<0.0061U	<0.014U	2.387
SSHS-B732	SSHS-B732-SS	4/11/2017	0-0.17	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	0.72	0.21	<0.0057U	<0.013U	0.9648
SSHS-B733	SSHS-B733-SS	4/11/2017	0-0.17	<0.012U	<0.012U	<0.0088U	<0.018U	<0.011U	0.054	0.023	<0.0068U	<0.016U	0.1193
SSHS-B734	SSHS-B734-SS	4/11/2017	0-0.17	<0.012U	<0.011U	<0.0086U	<0.017U	<0.01U	0.059	0.018J	<0.0066U	<0.016U	0.1176
SSHS-B735	SSHS-B735-SS	4/11/2017	0-0.17	<0.012U	<0.012U	<0.0089U	<0.018U	<0.011U	0.054	<0.015U	<0.0068U	<0.016U	0.1039
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.0032U	<0.0041U	<0.0037U	<0.0035U	<0.002U	<0.0031U	<0.0031U	<0.0028U	<0.0047U	<0
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0045U	<0
SSHS-B8	B23485	5/11/2000	0-0.25	<0.041U	<0.041U	<0.041U	<0.041U	0.23	<0.041U	0.054	-	-	0.284
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.0033U	<0.0042U	<0.0038U	<0.0036U	<0.0021U	<0.0031U	<0.0031U	<0.0028U	<0.0048U	<0
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.0036U	<0.0047U	<0.0042U	<0.004U	0.069	<0.0035U	<0.022J	<0.0031U	<0.0054U	0.069
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.0034U	<0.0044U	<0.0039U	<0.0037U	<0.0022U	<0.0033U	<0.0033U	<0.0029U	<0.005U	<0
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.0035U	<0.0045U	<0.004U	<0.0038U	<0.0022U	<0.0033U	<0.0033U	<0.003U	<0.0051U	<0
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.0034U	<0.0043U	<0.0039U	<0.0037U	<0.0068J	<0.0032U	<0.0032U	<0.0029U	<0.005U	<0
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0069J	<0.0029U	<0.011J	<0.0026U	<0.0044U	<0
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.0033U	<0.0043U	<0.0038U	<0.0036U	<0.0021U	<0.0032U	<0.0032U	<0.0029U	<0.0049U	<0
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.0034U	<0.0044U	<0.0039U	<0.0037U	0.48	<0.0033U	0.1	<0.0029U	<0.005U	0.58
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.0032U	<0.0041U	<0.0037U	<0.0035U	1	<0.0031U	0.14	<0.0028U	<0.0047U	1.14
SSHS-B9-A	SSHS-B9-A-SS	7/21/2014	0-0.17	<0.0014U	<0.0018U	<0.0016U	<0.0015U	0.082J	0.074J	<0.0013U	<0.0012U	0.038J	0.194
SSHS-B9SS-A	SSHS-B9SS-A-SS	7/22/2014	0-0.17	<0.0013U	<0.0017U	<0.0015U	<0.0014U	<0.00082U	<0.0012U	<0.0012U	<0.0011U	<0.0019U	<0
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	<0.0008U	<0.001U	<0.00092U	<0.00087U	0.62J	0.3J	<0.00076U	<0.00069U	<0.0012U	0.92
SSHS-FB11	SSHS-FB11-A-SS	7/22/2014	0-0.17	<0.00082U	<0.0011U	<0.00094U	<0.0009U	0.088J	0.071J	<0.00078U	<0.00071U	<0.0012U	0.159
SSHS-FB1-A	SSHS-FB1-A-SS	7/22/2014	0-0.17	<0.00079U	<0.001U	<0.00091U	<0.00087U	0.25J	0.11J	<0.00076U	<0.00069U	<0.0012U	0.36
SSHS-FB2-A	SSHS-FB2-A-SS	7/22/2014	0-0.17	<0.0014U	<0.0019U	<0.0017U	<0.0016U	<0.00092U	0.11	<0.0014U	<0.0012U	<0.0021U	0.11
SSHS-FB3-A	SSHS-FB3-A-SS	7/22/2014	0-0.17	<0.0008U	<0.001U	<0.00092U	<0.00088U	0.1J	0.051J	<0.00077U	<0.00069U	<0.0012U	0.151
SSHS-FB4-A	SSHS-FB4-A-SS	7/22/2014	0-0.17	<0.0017U	<0.0022U	<0.0019U	<0.0019U	0.037J	0.061J	<0.0016U	<0.0015U	<0.0025U	0.098
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	<0.0008U	<0.001U	<0.00092U	<0.00087U	0.18J	0.15J	<0.00076U	<0.00069U	<0.0012U	0.33
SSHS-FB7	B23401T3	8/14/2000	0-0.25	<0.046U	<0.046U	<0.046U	<0.046U	0.19	<0.046U	<0.046U	-	-	0.19
SSHS-FB7-A	SSHS-FB7-A-SS	7/21/2014	0-0.17	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.28J	0.13J	<0.0014U	<0.0013U	<0.0022U	0.41
SSHS-FB7-B	SSHS-FB7-B-SS	7/21/2014	0-0.17	<0.0014U	<0.0019U	<0.0017U	<0.0016U	0.14J	0.089J	<0.0014U	<0.0013U	<0.0021U	0.229
SSHS-FB7-C	SSHS-FB7-C-SS	7/21/2014	0-0.17	<0.0015U	<0.002U	<0.0018U	<0.0017U	0.037J	0.028J	<0.0015U	<0.0013U	<0.0023U	0.065
SSHS-FB7-D	SSHS-FB7-D-SS	7/21/2014	0-0.17	<0.0016U	<0.0021U	<0.0019U	<0.0018U	0.18J	0.11J	<0.0016U	<0.0014U	<0.0024U	0.29
SSHS-FB7-E	SSHS-FB7-E-SS	7/21/2014	0-0.17	<0.0015U	<0.0019U	<0.0017U	<0.0016U	0.16J	0.1J	<0.0014U	<0.0013U	<0.0021U	0.26
SSHS-SS1	B23456	5/10/2000	0-0.25	<0.05U	<0.05U	<0.05U	<0.05U	<0.05U	<0.05U	<0.05U	-	-	<0
SSHS-SS10	SS10	9/12/2000	0-0	<0.037U	<0.037U	<0.037U	<0.037U	0.63D	<0.045U	0.1	-	-	0.73
SSHS-SS11	SS11	9/12/2000	0-0	<0.037U	<0.037U	<0.037U	<0.037U	0.58D	<0.037U	0.15	-	-	0.73
SSHS-SS13	SS13	9/12/2000	0-0	<0.039U	<0.039U	<0.039U	<0.039U	0.19	<0.039U	<0.039U	-	-	0.19
SSHS-SS14	SS14	9/12/2000	0-0	<0.041U	<0.041U	<0.041U	<0.041U	0.11	<0.041U	<0.041U	-	-	0.11
SSHS-SS15	SSHS-SS15-SS	7/22/2014	0-0.17	<0.0016U	<0.002U	<0.0018U	<0.0017U	0.042J	0.036J	<0.0015U	<0.0014U	<0.0074J	0.078
SSHS-SS16	SSHS-SS16-SS	7/22/2014	0-0.17	<0.00079U	<0.001U	<0.00091U	<0.00086U	0.028J	0.025J	<0.00075U	<0.00068U	<0.0012U	0.053
SSHS-SS2	B23458	5/10/2000	0-0.25	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
SSHS-SS3	B23469	5/10/2000	0-0.25	<0.046U	<0.046U	<0.046U	<0.046U	0.73D	<0.46U	0.25	-	-	0.98
SSHS-SS4	B23483	5/11/2000	0-0.25	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	<0.043U	-	-	<0
SSHS-SS5	SS5	9/12/2000	0-0	<0.045U	<0.045U	<0.045U	<0.045U	0.053	<0.045U	<0.045U	-	-	0.053
SSHS-SS7	SS7	9/12/2000	0-0	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	<0.044U	-	-	<0
SSHS-SS8	SS8	9/12/2000	0-0	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	<0.047U	-	-	<0
SSHS-SS9	SS9	9/12/2000	0-0	<0.045U	<0.045U	<0.045U	<0.045U	0.22	<0.045U	<0.045U	-	-	0.22

Notes:
J - estimated value
U - non-detect
mg/kg - milligram per kilogram
ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
OS-SB-04	OS-SB-04-SUB-2-4	4/23/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	3	1.3	0.38	<0.0089U	<0.013U	4.711
OS-SB-04	OS-SB-04-SUB-4-6	4/23/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	3	1.5	0.38	<0.0098U	<0.014U	4.914
OS-SB-04	OS-SB-04-SUB-6-8	4/23/2018	6-8	<0.0072U	<0.014U	<0.013U	<0.013U	0.6	0.35	0.1	<0.011U	<0.015U	1.087
OS-SB-05	OS-SB-05-SUB-2-4	4/23/2018	2-4	<0.0061U,F2	<0.012U	<0.011U	<0.011U	1.7	0.62	0.2F2	<0.0092U	<0.013U	2.551
OS-SB-05	OS-SB-05-SUB-4-6	4/23/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	1.5	0.57	0.17	<0.0097U	<0.014U	2.274
OS-SB-05	OS-SB-05-SUB-6-8	4/23/2018	6-8	<0.0068U	<0.014U	<0.012U	<0.013U	1	0.43	0.1p	<0.01U	<0.015U	1.565
OS-SB-06	OS-SB-06-SUB-2-4	4/24/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	4.3J	1.3J	0.32J	<0.01U	<0.014U	5.954
OS-SB-06	OS-SB-06-SUB-4-6	4/24/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	1.7J	0.73J	0.18J	<0.0099U	<0.014U	2.644
OS-SB-06	OS-SB-06-SUB-6-8	4/24/2018	6-8	<0.0067U	<0.013U	<0.012U	<0.012U	0.13J	0.063J	0.014J	<0.01U	<0.015U	0.2414
OS-SB-07	OS-SB-07-SUB-2-4	4/24/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	1.1J	0.54J	0.15J	<0.0086U	<0.012U	1.82
OS-SB-07	OS-SB-07-SUB-4-6	4/24/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.32J	0.18J	0.04J	<0.0089U	<0.013U	0.5709
OS-SB-07	OS-SB-07-SUB-6-8	4/24/2018	6-8	<0.0058U	<0.012U	<0.011U	<0.011U	0.11J	0.067J	0.017J	<0.0087U	<0.013U	0.2248
OS-SB-08	OS-SB-08-SUB-2-4	4/24/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.39J	0.22J	0.061J	<0.0092U	<0.013U	0.7022
OS-SB-08	OS-SB-08-SUB-4-6	4/24/2018	4-6	<0.0057U	<0.011U	<0.01U	<0.011U	0.035J	0.019J	<0.005U	<0.0085U	<0.012U	0.0856
OS-SB-08	OS-SB-08-SUB-6-8	4/24/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.011U	0.026J	0.014J	<0.005U	<0.0086U	<0.012U	0.07165
OS-SB-09	OS-SB-09-SUB-2-4	4/23/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	0.56	0.46	0.085	<0.0094U	<0.014U	1.138
OS-SB-10	OS-SB-10-SUB-2-4	4/23/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	2.4	1.3	0.18	<0.0099U	<0.014U	3.914
OS-SB-10	OS-SB-10-SUB-4-6	4/23/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	2.7	2.3	0.38	<0.0092U	<0.013U	5.411
OS-SB-10	OS-SB-10-SUB-6-8	4/23/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.12	0.082	0.0087J	<0.0096U	<0.014U	0.2442
OS-SB-10	OS-SB-10-SUB-8-10	4/23/2018	8-10	<0.062U	<0.12U	<0.11U	<0.11U	8.3	9.7	1.8	<0.093U	<0.13U	20.11
OS-SB-11	OS-SB-11-SUB-10-12	4/23/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.095	0.038	<0.0057U	<0.0098U	<0.014U	0.1695
OS-SB-11	OS-SB-11-SUB-2-4	4/23/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	2.5	1.5	0.19	<0.0089U	<0.013U	4.221
OS-SB-11	OS-SB-11-SUB-4-6	4/23/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	1.8	1	0.13	<0.0092U	<0.013U	2.961
OS-SB-11	OS-SB-11-SUB-6-8	4/23/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.61	0.37	0.056	<0.009U	<0.013U	1.067
OS-SB-11	OS-SB-11-SUB-8-10	4/23/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.012U	0.51	0.33	0.049	<0.0093U	<0.013U	0.9208
OS-SB-12	OS-SB-12-SUB-2-4	4/23/2018	2-4	<0.065U	<0.13U	<0.12U	<0.12U	15	4.2	0.72	<0.097U	<0.14U	20.26
OS-SB-13	OS-SB-13-SUB-2-4	4/23/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	5.3	3.2	0.73	<0.0095U	<0.014U	9.263
SSHS-B10	B23464	5/10/2000	2-3	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
SSHS-B100	SSHS-B100-10-13.5 (12)	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-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<0.0029U	<0.0038U	<0.0034U	<0.0032U	0.025	<0.0028U	<0.0028U	<0.0025U	<0.0043U	0.025
SSHS-B100	SSHS-B100-6-10 (8)	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-B1002	SSHS-B1002-SUB-2-4	3/3/2018	2-4	<0.11U	<0.22U	<0.2U	<0.21U	29J	10J	1.8J	<0.17U	<0.24U	41.38
SSHS-B1002	SSHS-B1002-SUB-4-6	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
SSHS-B1006	SSHS-B1006-SUB-10-12	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-B1007	SSHS-B1007-SUB-12-14	3/3/2018	12-14	<0.12U	<0.24U	<0.22U	<0.22U	31J	7.6J	1.6J	<0.18U	<0.26U	40.82
SSHS-B1008	SSHS-B1008-SUB-12-14	3/3/2018	12-14	<0.071U	<0.14U	<0.13U	<0.13U	24J	9.8J	2.2J	<0.11U	<0.15U	36.37
SSHS-B1009	SSHS-B1009-SUB-14-16	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-B101	SSHS-B101-12-15.5R (15)	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-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<0.003U	<0.0039U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
SSHS-B101	SSHS-B101-8-10 (9)	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-B1010	SSHS-B1010-SUB-10-12	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-B1010	SSHS-B1010-SUB-12-14	4/24/2018	12-14	<0.0063U	<0.013U	<0.012U	<0.012U	4.3	1.1	0.22	<0.0094U	<0.014U	5.653
SSHS-B1011	SSHS-B1011-SUB-12-14	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
SSHS-B1015	SSHS-B1015-SUB-12-14	4/25/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	0.47	0.24	0.072	<0.0088U	<0.013U	0.8129
SSHS-B1016	SSHS-B1016-SUB-10-12	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	SSHS-B1017-SUB-10-12	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-B1017	SSHS-B1017-SUB-8-10	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-B1018	SSHS-B1018b-SUB-10-12	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	SSHS-B1018-SUB-10-12	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-B1018	SSHS-B1018-SUB-8-10	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	SSHS-B1019-SUB-8-10	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-B102	SSHS-B102-SUB-8-10	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-B1020	SSHS-B1020-SUB-8-10	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	SSHS-B1021-SUB-10-12	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-B1021	SSHS-B1021-SUB-8-10	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	SSHS-B1022-SUB-8-10	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-B1023b	SSHS-B1023b-SUB-12-14	4/26/2018	12-14	<0.0065U	<0.013U	<0.012U	<0.012U	3.6	1.2	0.2	<0.0097U	<0.014U	5.034
SSHS-B1024	SSHS-B1024-SUB-2-4	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
SSHS-B1025	SSHS-B1025-SUB-14-16	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	SSHS-B1026-SUB-14-16	4/24/2018	14-16	<0.07U	<0.14U	<0.13U	<0.13U	21	10	2.2	<0.1U	<0.15U	33.56
SSHS-B1033	SSHS-B1033-SUB-2-4	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	SSHS-B1034-SUB-2-4	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-B1042	SSHS-B1042-SUB-2-4	5/24/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.58	0.42	0.26	<0.0092U	<0.013U	1.291
SSHS-B1043	SSHS-B1043-SUB-2-4	5/24/2018	2-4	<0.0057U	<0.011U	<0.01U	<0.011U	0.6	0.26	0.076	<0.0085U	<0.012U	0.9651
SSHS-B1045	SSHS-B1045-SUB-2-4	5/24/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	1.1	1.1	0.4	<0.0092U	<0.013U	2.631
SSHS-B1064	SSHS-B1064-SUB-4-6	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
SSHS-B1068	SSHS-B1068-SUB-10-12	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-B106A	SSHS-B106A-SUB-8-10	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-B107	SSHS-B107-SUB-4-6	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
SSHS-B107	SSHS-B107-SUB-6-8	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-B1072	SSHS-B1072-SUB-2-4	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	SSHS-B1073-SUB-2-4	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	SSHS-B1074-SUB-2-4	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	SSHS-B108-SUB-2-4	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-B108	SSHS-B108-SUB-4-6	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
SSHS-B108	SSHS-B108-SUB-6-8	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-B1080	SSHS-B1080B-SUB-6-8	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
SSHS-B1084	SSHS-B1084-SUB-8-10	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-B1086	SSHS-B1086-SUB-10-12	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-B109	SSHS-B109-SUB-6-8	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-B1091	SSHS-B1091-SUB-14-16	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	SSHS-B1092-SUB-14-16	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	SSHS-B1093-SUB-14-16	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	SSHS-B1094-SUB-14-16	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
SSHS-B1104	SSHS-B1104-SUB-12-14	7/6/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B1105	SSHS-B1105-SUB-4-6	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
SSHS-B1109	SSHS-B1109-SUB-8-10	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-B112	SSHS-B112-SUB-4-6	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-B112	SSHS-B112-SUB-6-7	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-B1122	SSHS-B1122-SUB-10-12	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-B1158	SSHS-B1158-SUB-8-10	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-B1160	SSHS-B1160-SUB-10-12	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-B1162	SSHS-B1162-SUB-8-10	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	SSHS-B117A-SUB-8-10	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-B1189	SSHS-B1189-SUB-4-6	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	SSHS-B1193-SUB-4-6	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	SSHS-B1194-SUB-4-6	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-B1198	SSHS-B1198-SUB-10-12	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-B1198	SSHS-B1198-SUB-12-14	7/6/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	0.048J	0.025J	<0.0053U	<0.0091U	<0.013U	0.1068
SSHS-B1198	SSHS-B1198-SUB-8-10	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-B1202	SSHS-B1202-SUB-2-4	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-B1202	SSHS-B1202-SUB-4-6	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-B1204	SSHS-B1204-SUB-10-12	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-B1205	SSHS-B1205-SUB-12-14	7/5/2018	12-14	<0.0068U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0059U	<0.01U	<0.015U	<0.1047
SSHS-B1206	SSHS-B1206-SUB-4-6	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-B121	SSHS-B121-SUB-6-7	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-B1219	SSHS-B1219-SUB-10-12	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-B122	SSHS-B122-SUB-6-7	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-B1220	SSHS-B1220-SUB-6-8	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	SSHS-B1221-SUB-6-8	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	SSHS-B1223-SUB-6-8	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-B1224	SSHS-B1224-SUB-8-10	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-B1227	SSHS-B1227-SUB-2-4	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-B123	SSHS-B123-SUB-2-4	8/3/2015	2-4	<0.0039U	<0.0047U	<0.0065U	<0.0048U	1.6J	0.96J	0.094J	<0.0038U	<0.007U	2.654
SSHS-B123	SSHS-B123-SUB-4-6	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
SSHS-B123	SSHS-B123-SUB-6-8	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-B1233	SSHS-B1233-SUB-4-6	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

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B1234	SSHS-B1234-SUB-8-10	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-B1235	SSHS-B1235-SUB-4-6	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	SSHS-B1236-SUB-4-6	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-B1236	SSHS-B1236-SUB-6-8	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-B1237	SSHS-B1237-SUB-8-10	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-B1240	SSHS-B1240-SUB-4-6	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-B1242	SSHS-B1242-SUB-6-8	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	SSHS-B1243-SUB-6-8	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	SSHS-B1244-SUB-6-8	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	SSHS-B1245-SUB-4-6	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-B1245	SSHS-B1245-SUB-6-8	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-B1247	SSHS-B1247-SUB-10-12	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	SSHS-B1248-SUB-10-12	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	SSHS-B1249-SUB-10-12	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-B125	SSHS-B125-SUB-4-6	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-B125	SSHS-B125-SUB-6-8	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-B1251	SSHS-B1251-SUB-10-12	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	SSHS-B1252-SUB-10-12	7/1/2018	10-12	<0.0065U	<0.013U	<0.012U	<0.012U	0.059J	0.017J	<0.0057U	<0.0097U	<0.014U	0.05345 - 0.059
SSHS-B1252	SSHS-B1252-SUB-6-8	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-B1253	SSHS-B1253-SUB-6-8	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-B1254	SSHS-B1254-SUB-10-12	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
SSHS-B1254	SSHS-B1254-SUB-12-14	7/1/2018	12-14	<0.0063U	<0.013U	<0.012U	<0.012U	0.31J	0.11J	0.02J	<0.0095U	<0.014U	0.1634 - 0.31
SSHS-B1255	SSHS-B1255-SUB-4-6-BOT	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
SSHS-B1256	SSHS-B1256-SUB-6-8-BOT	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-B1257	SSHS-B1257-SUB-6-8-BOT	7/10/2018	6-8	<0.12U	<0.24U	<0.22U	<0.22U	45J	17J	1.3J	<0.18U	<0.26U	63.92
SSHS-B126	SSHS-B126-SUB-4-6	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-B126	SSHS-B126-SUB-6-8	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-B126	SSHS-B126-SUB-8-10	7/31/2015	8-10	<0.0042U	<0.0051U	<0.0071U	<0.0052U	3.6J	1.3J	0.12J	<0.0041U	<0.0075U	5.02
SSHS-B1299	SSHS-B1299-SUB-10-12	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-B1303	SSHS-B1303-SUB-12-14	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
SSHS-B132	SSHS-B132-SUB-6-7	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-B133	SSHS-B133-SUB-2-4	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-B133	SSHS-B133-SUB-4-6	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-B133	SSHS-B133-SUB-6-8	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-B1373	SSHS-B1373-SUB-8-10	7/24/2018	8-10	<0.0067U	<0.013U	<0.012U	<0.012U	<0.016U	2.5	<0.0058U	<0.01U	<0.014U	2.545
SSHS-B139	SSHS-B139-SUB-6-8	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-B1394	B1394-2FT	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-B1395a	SSHS-B1395-SUB-0-2	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
SSHS-B1396	B1396-6FT	7/21/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	2.4	1	0.32	<0.0088U	<0.013U	3.751
SSHS-B14	B23470	5/10/2000	5-6	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B1400	SSHS-B1400-SUB-2-4	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-B1401	SSHS-B1401-SUB-6-8	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	SSHS-B1408-6-8	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	SSHS-B1409-6-8	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	SSHS-B1411-SUB-6-8	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-B1415	SSHS-B1415-SUB-8-10	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
SSHS-B1417	SSHS-B1417-SUB-10-12	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	SSHS-B1418-SUB-10-12	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-B146	SSHS-B146-SUB-6-8	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	SSHS-B148-SUB-2-4	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-B148	SSHS-B148-SUB-4-6	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-B148	SSHS-B148-SUB-6-8	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	SSHS-B149-SUB-6-8	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-B15	B23454	5/10/2000	4-5	<0.039U	<0.039U	<0.039U	<0.039U	74D	<0.039U	6.1	-	-	80.1
SSHS-B150	SSHS-B150-SUB-2-4	7/27/2015	2-4	<0.038U	<0.047U	<0.064U	<0.047U	21J	9.8J	2.1J	<0.037U	<0.069U	32.9
SSHS-B150	SSHS-B150-SUB-4-6	7/27/2015	4-6	<0.039U	<0.048U	<0.066U	<0.049U	9.4J	3J	0.6J	<0.039U	<0.071U	13
SSHS-B1500	SSHS-B1500 (6-8) 20180821	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-B1501	SSHS-B1501	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
SSHS-B1502	SSHS-B1502 (10-12) 20180821	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-B159	SSHS-B159-SUB-4-6	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-B159	SSHS-B159-SUB-6-8	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-B15A	SSHS-B15A-SUB-4-6	7/11/2017	4-6	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.29	0.17	0.022	<0.0055U	<0.013U	0.5114
SSHS-B15A	SSHS-B15A-SUB-6-8	7/11/2017	6-8	<0.0097U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	<0.012U	<0.0055U	<0.013U	<0.0875
SSHS-B15-A	SSHS-B15-A-2-3	7/22/2014	2-3	<0.0013U	<0.0017U	<0.0015U	<0.0015U	0.13J	0.063J	<0.0013U	<0.0012U	0.012J	0.205
SSHS-B15-AA	SSHS-B15-AA-SUB-4-6	7/20/2015	4-6	<0.078U	<0.096U	<0.13U	<0.097U	26J	16J	2.3J	<0.077U	<0.14U	44.3
SSHS-B15-AA	SSHS-B15-AA-SUB-6-8	7/20/2015	6-8	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.061J	0.027J	0.0061J	<0.0037U	<0.0068U	0.0941
SSHS-B15-B	SSHS-B15-B-2-3	7/22/2014	2-3	<0.0014U	<0.0017U	<0.0016U	<0.0015U	0.2J	0.11J	<0.0013U	<0.0012U	<0.002U	0.31
SSHS-B15-C	SSHS-B15-C-2-3	7/22/2014	2-3	<0.027U	<0.035U	<0.032U	<0.03U	15J	7J	<0.026U	<0.024U	<0.04U	22
SSHS-B160A	SSHS-B160A-SUB-6-8	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-B160A	SSHS-B160A-SUB-8-10	8/3/2015	8-10	<0.037U	<0.046U	<0.063U	<0.046U	8.1J	3.5J	0.53J	<0.037U	<0.067U	12.13
SSHS-B161	SSHS-B161-SUB-6-8	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	SSHS-B162-SUB-4-6	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-B162	SSHS-B162-SUB-6-8	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-B164	SSHS-B164-SUB-2-4	7/27/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0046U	2.8J	1.5J	0.36J	<0.0037U	<0.0068U	4.66
SSHS-B168	SSHS-B168-SUB-2-4	7/27/2015	2-4	<0.019U	<0.023U	<0.032U	<0.023U	13J	6.5J	1.3J	<0.019U	<0.034U	20.8
SSHS-B168	SSHS-B168-SUB-4-6	7/27/2015	4-6	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.7J	0.63J	0.14J	<0.0037U	<0.0068U	2.47
SSHS-B174	SSHS-B174-SUB-2-4	8/4/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.028J	0.0097J	<0.0039U	<0.0036U	<0.0065U	0.0377
SSHS-B176	SSHS-B176-SUB-2-4	8/4/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.7J	0.87J	0.22J	<0.0036U	<0.0065U	2.79
SSHS-B177A	SSHS-B177A-SUB-2-4	8/4/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.96J	0.3J	0.043J	<0.0035U	<0.0065U	1.303
SSHS-B179	SSHS-B179-SUB-2-4	8/4/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	3.7J	2.6J	0.61J	<0.0038U	<0.0069U	6.91
SSHS-B179	SSHS-B179-SUB-4-6	8/4/2015	4-6	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.51J	0.31J	0.087J	<0.0036U	<0.0067U	0.907
SSHS-B179	SSHS-B179-SUB-6-8	8/4/2015	6-8	<0.0037U	<0.0045U	<0.0062U	<0.0045U	<0.0045U	0.049J	0.025J	<0.0036U	<0.0066U	0.074
SSHS-B180	SSHS-B180-SUB-2-4	7/23/2015	2-4	<0.019U	<0.023U	<0.032U	<0.023U	10J	6J	1.7J	<0.018U	<0.034U	17.7
SSHS-B180	SSHS-B180-SUB-4-6	7/23/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.55J	0.6J	0.21J	<0.0037U	<0.0067U	1.36
SSHS-B180	SSHS-B180-SUB-6-8	7/23/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	<0.0042U	<0.0039U	<0.0036U	<0.0065U	<0
SSHS-B181	SSHS-B181-SUB-2-4	7/23/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	3J	2.2J	0.7J	<0.0037U	<0.0068U	5.9
SSHS-B181	SSHS-B181-SUB-4-6	7/23/2015	4-6	<0.037U	<0.046U	<0.063U	<0.046U	11J	6.6J	1.8J	<0.037U	<0.067U	19.4
SSHS-B181	SSHS-B181-SUB-6-8	7/23/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	0.069	<0.0039U	<0.0036U	<0.0066U	0.069
SSHS-B182	SSHS-B182-SUB-2-4	7/23/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.8J	2.3J	0.64J	<0.0037U	<0.0068U	6.74
SSHS-B182	SSHS-B182-SUB-4-6	7/23/2015	4-6	<0.0038U	<0.0047U	<0.0064U	<0.0047U	3.3J	2J	0.59J	<0.0038U	<0.0069U	5.89
SSHS-B182	SSHS-B182-SUB-6-8	7/23/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.92J	0.48J	0.11J	<0.0035U	<0.0065U	1.51
SSHS-B183	SSHS-B183-SUB-2-4	8/4/2015	2-4	<0.073U	<0.09U	<0.12U	<0.091U	8.9J	4.4J	0.93J	<0.072U	<0.13U	14.23
SSHS-B183	SSHS-B183-SUB-4-6	8/4/2015	4-6	<0.037U	<0.045U	<0.063U	<0.046U	9.7J	4.7J	1J	<0.037U	<0.067U	15.4
SSHS-B183	SSHS-B183-SUB-6-8	8/4/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.32J	0.19J	0.055J	<0.0035U	<0.0065U	0.565
SSHS-B184	SSHS-B184-SUB-2-4	8/4/2015	2-4	<0.039U	<0.048U	<0.066U	<0.049U	7.5J	3.8J	0.91J	<0.039U	<0.071U	12.21
SSHS-B184	SSHS-B184-SUB-4-6	8/4/2015	4-6	<0.19U	<0.23U	<0.32U	<0.23U	61J	29J	2.5J	<0.19U	<0.34U	92.5
SSHS-B184	SSHS-B184-SUB-6-8	8/4/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.035J	0.065J	0.025J	<0.0035U	<0.0065U	0.125
SSHS-B186	SSHS-B186-SUB-2-4	8/4/2015	2-4	<0.036U	<0.044U	<0.061U	<0.045U	6.9J	2.8J	0.53J	<0.036U	<0.066U	10.23
SSHS-B187A	SSHS-B187A-SUB-2-4	8/4/2015	2-4	<0.0039U	<0.0048U	<0.0066U	<0.0048U	5.2J	3.8J	0.91J	<0.0038U	<0.007U	9.91
SSHS-B187A	SSHS-B187A-SUB-4-6	8/4/2015	4-6	<0.0038U	<0.0047U	<0.0065U	<0.0048U	1J	1.2J	0.35J	<0.0038U	<0.007U	2.55
SSHS-B189	SSHS-B189-SUB-2-4	8/4/2015	2-4	<0.074U	<0.091U	<0.13U	<0.092U	15J	6.7J	1.5J	<0.073U	<0.13U	23.2
SSHS-B189	SSHS-B189-SUB-4-6	8/4/2015	4-6	<0.19U	<0.23U	<0.31U	<0.23U	6.7J	2.2J	0.78J	<0.18U	<0.34U	9.68
SSHS-B189	SSHS-B189-SUB-6-8	8/4/2015	6-8	<0.0037U	<0.0045U	<0.0062U	<0.0046U	4.5J	2.3J	0.51J	<0.0036U	<0.0067U	7.31
SSHS-B190	SSHS-B190-SUB-2-4	7/23/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.076J	0.071J	0.02J	<0.0037U	<0.0068U	0.167
SSHS-B190	SSHS-B190-SUB-4-6	7/23/2015	4-6	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.32J	0.2J	0.067J	<0.0036U	<0.0066U	0.587
SSHS-B190	SSHS-B190-SUB-6-8	7/23/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.0085J	0.042J	0.02J	<0.0037U	<0.0068U	0.0705
SSHS-B191	SSHS-B191-SUB-2-4	7/23/2015	2-4	<0.018U	<0.023U	<0.031U	<0.023U	6.5J	3.6J	0.81J	<0.018U	<0.033U	10.91
SSHS-B191	SSHS-B191-SUB-4-6	7/23/2015	4-6	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	0.035J	0.02J	<0.0038U	<0.0069U	0.055
SSHS-B191	SSHS-B191-SUB-6-8	7/23/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.7J	2.1J	0.47J	<0.0037U	<0.0068U	7.27
SSHS-B192	SSHS-B192-SUB-2-4	7/23/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	1.2J	0.54J	0.12J	<0.0036U	<0.0065U	1.86
SSHS-B192	SSHS-B192-SUB-4-6	7/23/2015	4-6	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.024J	0.014J	<0.0039U	<0.0035U	<0.0065U	0.038
SSHS-B192	SSHS-B192-SUB-6-8	7/23/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	0.14J	0.054J	<0.0036U	<0.0065U	0.194
SSHS-B193	SSHS-B193-SUB-2-4	7/23/2015	2-4	<0.0035U	<0.0043U	<0.0059U	<0.0043U	2J	0.99J	0.24J	<0.0035U	<0.0063U	3.23
SSHS-B193	SSHS-B193-SUB-4-6	7/23/2015	4-6	<0.0035U	<0.0043U	<0.0059U	<0.0043U	0.23J	0.092J	0.031J	<0.0035U	<0.0064U	0.353
SSHS-B193	SSHS-B193-SUB-6-8	7/23/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0046U	0.0079J	0.0058J	<0.0037U	<0.0067U	0.0137
SSHS-B194	SSHS-B194-SUB-2-4	8/4/2015	2-4	<0.036U	<0.044U	<0.061U	<0.045U	5.7J	2.3J	0.41J	<0.036U	<0.066U	8.41
SSHS-B194	SSHS-B194-SUB-4-6	8/4/2015	4-6	<0.037U	<0.046U	<0.063U	<0.046U	17J	6.9J	1.1J	<0.037U	<0.067U	25

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B194	SSHS-B194-SUB-6-8	8/4/2015	6-8	<0.0037U	<0.0045U	<0.0062U	<0.0045U	1.5J	1J	0.2J	<0.0036U	<0.0066U	2.7
SSHS-B195	SSHS-B195-SUB-2-4	8/4/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.28J	0.17J	0.033J	<0.0037U	<0.0068U	0.483
SSHS-B196	SSHS-B196-SUB-2-4	8/4/2015	2-4	<0.072U	<0.089U	<0.12U	<0.09U	25J	15J	2.3J	<0.072U	<0.13U	42.3
SSHS-B198	SSHS-B198-SUB-2-4	8/4/2015	2-4	<0.037U	<0.045U	<0.063U	<0.046U	6J	2.8J	0.52J	<0.036U	<0.067U	9.32
SSHS-B199A	SSHS-B199A-SUB-2-4	8/4/2015	2-4	<0.036U	<0.044U	<0.061U	<0.045U	10J	4.9J	0.9J	<0.036U	<0.066U	15.8
SSHS-B20	B23450	5/9/2000	5-7	<0.038U	<0.038U	<0.038U	<0.038U	0.25	<0.038U	<0.038U	-	-	0.25
SSHS-B201	SSHS-B201-SUB-2-4	8/4/2015	2-4	<0.037U	<0.045U	<0.062U	<0.045U	15J	6.4J	1J	<0.036U	<0.066U	22.4
SSHS-B202	SSHS-B202-SUB-2-4	8/4/2015	2-4	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.014J	<0.0042U	<0.0039U	<0.0036U	<0.0066U	0.014
SSHS-B2024	SSHS-B2024-SUB-10-12	7/26/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	0.022	<0.0055U	<0.0093U	<0.013U	0.0635
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0957
SSHS-B2024	SSHS-B2024-SUB-2-4	7/26/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2024	SSHS-B2024-SUB-8-10	7/26/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.023	<0.0053U	<0.009U	<0.013U	0.06415
SSHS-B2025	SSHS-B2025-SUB-10-12	7/26/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	0.043	<0.0054U	<0.0092U	<0.013U	0.0844
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2025	SSHS-B2025-SUB-2-4	7/26/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	0.1	0.27	0.074	<0.0094U	<0.014U	0.4764
SSHS-B2025	SSHS-B2025-SUB-4-6	7/26/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	0.1	<0.0088U	<0.013U	0.1439
SSHS-B2025	SSHS-B2025-SUB-6-8	7/26/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	0.17	0.067	<0.0089U	<0.013U	0.2749
SSHS-B2025	SSHS-B2025-SUB-8-10	7/26/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	0.021	<0.0054U	<0.0092U	<0.013U	0.0624
SSHS-B2026	SSHS-B2026-SUB-10-12	7/26/2018	10-12	<0.0069U	<0.014U	<0.013U	<0.013U	0.19	0.43	0.068	<0.01U	<0.015U	0.724
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	1.3	2.5	0.23	<0.0089U	<0.013U	4.061
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.26	0.2	<0.0053U	<0.0091U	<0.013U	0.4938
SSHS-B2026	SSHS-B2026-SUB-4-6	7/26/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	0.62	0.11	<0.0096U	<0.014U	0.7716
SSHS-B2026	SSHS-B2026-SUB-6-8	7/26/2018	6-8	<0.0061U	0.018J,p	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	0.05975
SSHS-B2026	SSHS-B2026-SUB-8-10	7/26/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	0.27	0.04	<0.0092U	<0.013U	0.3487
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0927
SSHS-B2027	SSHS-B2027-SUB-2-4	7/26/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.15	0.28	0.079	<0.009U	<0.013U	0.54
SSHS-B2027	SSHS-B2027-SUB-4-6	7/26/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.077	0.15	<0.0051U	<0.0088U	<0.013U	0.2604
SSHS-B2027	SSHS-B2027-SUB-6-8	7/26/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	1.1	0.85	0.098	<0.0091U	<0.013U	2.079
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0091U	<0.013U	<0.0956
SSHS-B2028	SSHS-B2028-SUB-10-12	7/26/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2028	SSHS-B2028-SUB-2-4	7/26/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.33	0.3	0.13	<0.0093U	<0.013U	0.7913
SSHS-B2028	SSHS-B2028-SUB-4-6	7/26/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.17	0.16	0.053	<0.0089U	<0.013U	0.414
SSHS-B2028	SSHS-B2028-SUB-6-8	7/26/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.17	0.19	0.088	<0.0089U	<0.013U	0.479
SSHS-B2028	SSHS-B2028-SUB-8-10	7/26/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.023	0.022	<0.0052U	<0.0089U	<0.013U	0.07855
SSHS-B2030	SSHS-B2030-SUB-10-12	7/27/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.011U	<0.014U	<0.012U	<0.005U	<0.0086U	<0.012U	<0.0893
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882
SSHS-B2030	SSHS-B2030-SUB-2-4	7/27/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	0.19	0.27	0.085	<0.0087U	<0.013U	0.5758
SSHS-B2030	SSHS-B2030-SUB-4-6	7/27/2018	4-6	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.1002
SSHS-B2030	SSHS-B2030-SUB-6-8	7/27/2018	6-8	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2030	SSHS-B2030-SUB-8-10	7/27/2018	8-10	<0.0058U	<0.012U	<0.011U	<0.011U	0.031	0.03	<0.0051U	<0.0086U	<0.012U	0.09375
SSHS-B2031	SSHS-B2031-SUB-10-12	7/27/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.01U	0.086	0.041	0.013J	<0.0085U	<0.012U	0.1686
SSHS-B2031	SSHS-B2031-SUB-2-4	7/27/2018	2-4	<0.006U,F1	<0.012U	<0.011U	<0.011U	4.2	2	0.44p	<0.0089U	<0.013U	6.671
SSHS-B2031	SSHS-B2031-SUB-4-6	7/27/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.23	0.13	0.04	<0.0089U	<0.013U	0.4309
SSHS-B2031	SSHS-B2031-SUB-6-8	7/27/2018	6-8	<0.0058U	<0.012U	<0.011U	<0.011U	0.1	0.059	0.016J	<0.0087U	<0.013U	0.2058
SSHS-B2031	SSHS-B2031-SUB-8-10	7/27/2018	8-10	<0.0057U	<0.011U	<0.01U	<0.01U	0.089	0.047	0.012J	<0.0085U	<0.012U	0.1766
SSHS-B2032	SSHS-B2032-SUB-10-12	7/27/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.011U	0.026	0.019	<0.005U	<0.0086U	<0.012U	0.07665
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0083U	<0.012U	<0.0878
SSHS-B2034	SSHS-B2034-SUB-10-12	7/27/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	3.2	0.93	0.27	<0.0086U	<0.012U	4.43
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	4.3	1.3	0.25	<0.0086U	<0.012U	5.88
SSHS-B2034	SSHS-B2034-SUB-6-8	7/27/2018	6-8	<0.058U	<0.12U	<0.11U	<0.11U	12	3.4	0.71	<0.086U	<0.12U	16.41
SSHS-B2034	SSHS-B2034-SUB-8-10	7/27/2018	8-10	<0.0058U	<0.012U	<0.011U	<0.011U	4.2	1.2	0.23	<0.0086U	<0.012U	5.66
SSHS-B204	SSHS-B204-SUB-2-4	8/4/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.16J	0.047J	0.0062J	<0.0035U	<0.0065U	0.2132
SSHS-B204	SSHS-B204-SUB-4-6	8/4/2015	4-6	<0.0036U	<0.0044U	<0.006U	<0.0044U	3.4J	1.9J	0.19J	<0.0035U	<0.0065U	5.49
SSHS-B204	SSHS-B204-SUB-6-8	8/4/2015	6-8	<0.0039U	<0.0048U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
SSHS-B205	SSHS-B205-SUB-2-4	7/22/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	2J	0.66J	0.087J	<0.0035U	<0.0065U	2.747
SSHS-B205	SSHS-B205-SUB-4-6	7/22/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.44J	0.16J	0.02J	<0.0038U	<0.0071U	0.62
SSHS-B2050	SSHS-B2050-SUB-10-12	7/26/2018	10-12	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U,F2	<0.0093U	<0.014U	<0.0981
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	<0.0067U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0058U	<0.01U	<0.014U	<0.1035
SSHS-B2050	SSHS-B2050-SUB-2-4	7/26/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B2050	SSHS-B2050-SUB-4-6	7/26/2018	4-6	<0.0068U	<0.014U	<0.012U	<0.013U	<0.017U	<0.014U	<0.006U	<0.01U	<0.015U	<0.1078
SSHS-B2050	SSHS-B2050-SUB-6-8	7/26/2018	6-8	<0.0073U	<0.015U	<0.013U	<0.013U	<0.018U	<0.015U	<0.0064U	<0.011U	<0.016U	<0.1147
SSHS-B2050	SSHS-B2050-SUB-8-10	7/26/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.1002
SSHS-B2051	SSHS-B2051-SUB-10-12	7/27/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.084	0.061	0.014J,p	<0.0091U	<0.013U	0.1901
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	<0.0063U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0093U	<0.014U	<0.0981
SSHS-B2051	SSHS-B2051-SUB-2-4	7/27/2018	2-4	<0.0068U	<0.014U	<0.012U	<0.013U	<0.017U	0.024	<0.006U	<0.01U	<0.015U	0.0709
SSHS-B2051	SSHS-B2051-SUB-4-6	7/27/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	0.39	0.23	0.029p	<0.0095U	<0.014U	0.6825
SSHS-B2051	SSHS-B2051-SUB-6-8	7/27/2018	6-8	<0.0075U	<0.015U	<0.014U	<0.014U	<0.018U	<0.016U	<0.0065U	<0.011U	<0.016U	<0.118
SSHS-B2051	SSHS-B2051-SUB-8-10	7/27/2018	8-10	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0098U	<0.014U	<0.1031
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.4	0.61	0.031	<0.0095U	<0.014U	2.074
SSHS-B2052	SSHS-B2052-SUB-4-6	7/25/2018	4-6	<0.0066U,F1,F2	<0.013U	<0.012U	<0.012U	4	1.1	0.2F1,F2	<0.0098U	<0.014U	5.334
SSHS-B2052	SSHS-B2052-SUB-6-8	7/25/2018	6-8	<0.0065U	<0.013U	<0.012U	<0.012U	2.8	0.83	0.07	<0.0096U	<0.014U	3.734
SSHS-B2053	SSHS-B2053-SUB-10-12	7/25/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.1	0.16	0.018J	<0.0093U	<0.013U	0.3093
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.12	0.13	<0.0053U	<0.009U	<0.013U	0.2837
SSHS-B2053	SSHS-B2053-SUB-2-4	7/25/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.33	0.57	0.068	<0.0096U	<0.014U	1.002
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	1.6	0.84	0.059	<0.0096U	<0.014U	2.533
SSHS-B2053	SSHS-B2053-SUB-6-8	7/25/2018	6-8	<0.0063U	<0.013U	<0.012U	<0.012U	0.2	0.2	<0.0055U	<0.0094U	<0.014U	0.4361
SSHS-B2053	SSHS-B2053-SUB-8-10	7/25/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.099	0.12	<0.0054U	<0.0092U	<0.013U	0.2529
SSHS-B206	SSHS-B206-SUB-2-4	8/4/2015	2-4	<0.038U	<0.046U	<0.064U	<0.047U	4.1J	2.3J	0.28J	<0.037U	<0.068U	6.68
SSHS-B207	SSHS-B207-SUB-2-4	7/22/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.15J	0.042J	<0.0039U	<0.0036U	<0.0065U	0.192
SSHS-B207	SSHS-B207-SUB-4-6	7/22/2015	4-6	<0.036U	<0.044U	<0.061U	<0.044U	37J	16J	1.2J	<0.035U	<0.065U	54.2
SSHS-B207	SSHS-B207-SUB-6-8	7/22/2015	6-8	<0.0038U	<0.0047U	<0.0065U	<0.0048U	0.0085J	<0.0045U	<0.0041U	<0.0038U	<0.007U	0.0085
SSHS-B2070	SSHS-B2070-SUB-10-12	7/25/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2070	SSHS-B2070-SUB-4-6	7/25/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0954
SSHS-B2070	SSHS-B2070-SUB-6-8	7/25/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B2070	SSHS-B2070-SUB-8-10	7/25/2018	8-10	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882
SSHS-B2071	SSHS-B2071-SUB-10-12	7/27/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0957
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2071	SSHS-B2071-SUB-2-4	7/27/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.054	0.034	<0.0055U	<0.0093U	<0.013U	0.122
SSHS-B2071	SSHS-B2071-SUB-4-6	7/27/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958
SSHS-B2071	SSHS-B2071-SUB-6-8	7/27/2018	6-8	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1004
SSHS-B2071	SSHS-B2071-SUB-8-10	7/27/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1015
SSHS-B2072	SSHS-B2072-SUB-10-12	7/25/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B2072	SSHS-B2072-SUB-2-4	7/25/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.83	0.5	0.022	<0.0093U	<0.013U	1.383
SSHS-B2072	SSHS-B2072-SUB-4-6	7/25/2018	4-6	<0.0068U	<0.014U	<0.012U	<0.013U	0.081	0.063	<0.0059U	<0.01U	<0.015U	0.1824
SSHS-B2072	SSHS-B2072-SUB-6-8	7/25/2018	6-8	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0098U	<0.014U	<0.103
SSHS-B2072	SSHS-B2072-SUB-8-10	7/25/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0098U	<0.014U	<0.103
SSHS-B2073	SSHS-B2073-SUB-10-12	7/25/2018	10-12	<0.0066U	<0.013U	<0.012U	<0.012U	0.063	0.089	0.032	<0.0098U	<0.014U	0.2177
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	<0.0063U	<0.012U	<0.011U	<0.012U	0.035	0.044	0.017J	<0.0093U	<0.014U	0.1283
SSHS-B2073	SSHS-B2073-SUB-2-4	7/25/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.34	0.29	0.1	<0.0091U	<0.013U	0.7611
SSHS-B2073	SSHS-B2073-SUB-4-6	7/25/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.47	0.29	0.11	<0.0092U	<0.013U	0.9012
SSHS-B2073	SSHS-B2073-SUB-6-8	7/25/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.19	0.19	0.071	<0.0091U	<0.013U	0.4821
SSHS-B2073	SSHS-B2073-SUB-8-10	7/25/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.16	0.21	0.082	<0.0093U	<0.013U	0.4833
SSHS-B208	SSHS-B208-SUB-2-4	7/22/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.053J	0.027J	0.0061J	<0.0036U	<0.0065U	0.0861
SSHS-B208	SSHS-B208-SUB-4-6	7/22/2015	4-6	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.067J	0.032J	0.0065J	<0.0036U	<0.0066U	0.1055
SSHS-B208	SSHS-B208-SUB-6-8	7/22/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0045U	<0.0044U	<0.0042U	<0.0039U	<0.0036U	<0.0065U	<0
SSHS-B2089	SSHS-B2089-SUB-10-12	7/25/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0927
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B2089	SSHS-B2089-SUB-2-4	7/25/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0095U	<0.014U	<0.1003
SSHS-B2089	SSHS-B2089-SUB-4-6	7/25/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.009U	<0.013U	<0.0952
SSHS-B2089	SSHS-B2089-SUB-6-8	7/25/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B2089	SSHS-B2089-SUB-8-10	7/25/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.094
SSHS-B209	SSHS-B209-SUB-2-4	8/4/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.12J	0.042J	0.016J	<0.0036U	<0.0066U	0.178
SSHS-B209	SSHS-B209-SUB-4-6	8/4/2015	4-6	<0.073U	<0.09U	<0.12U	<0.091U	14J	5.1J	1.4J	<0.072U	<0.13U	20.5

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B209	SSHS-B209-SUB-6-8	8/4/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0072U	<0
SSHS-B2090	SSHS-B2090-SUB-10-12	7/27/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	<0.0064U	<0.013U	<0.012U	<0.012U	0.034	0.054	0.012J,p	<0.0095U	<0.014U	0.1335
SSHS-B2090	SSHS-B2090-SUB-2-4	7/27/2018	2-4	<0.0065U	<0.013U	<0.012U	<0.012U	0.79	2.3	<0.0057U	<0.0097U	<0.014U	3.126
SSHS-B2090	SSHS-B2090-SUB-4-6	7/27/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.6	0.29	0.11	<0.0096U	<0.014U	1.034
SSHS-B2090	SSHS-B2090-SUB-6.8	7/27/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.34	0.78	<0.0056U	<0.0096U	<0.014U	1.156
SSHS-B2090	SSHS-B2090-SUB-8-10	7/27/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.018J	0.062	0.026	<0.0092U	<0.013U	0.1372
SSHS-B2091	SSHS-B2091-SUB-10-12	7/25/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.016J	<0.013U	<0.0053U	<0.0091U	<0.013U	0.05625
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	0.021	0.018J	0.0062J	<0.0091U	<0.013U	0.0763
SSHS-B2091	SSHS-B2091-SUB-4-6	7/25/2018	4-6	<0.0063U	<0.013U	<0.011U	<0.012U	0.061	0.038	0.0088J	<0.0094U	<0.014U	0.1407
SSHS-B2091	SSHS-B2091-SUB-6-8	7/25/2018	6-8	<0.0065U	<0.013U	<0.012U	<0.012U	0.042	0.045	0.014J	<0.0098U	<0.014U	0.1347
SSHS-B2091	SSHS-B2091-SUB-8-10	7/25/2018	8-10	<0.0063U	<0.013U	<0.011U	<0.012U	0.029	0.024	0.0081J	<0.0094U	<0.014U	0.09395
SSHS-B2092	SSHS-B2092-SUB-2-4	7/25/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	1.4	0.99	0.29	<0.009U	<0.013U	2.711
SSHS-B210	SSHS-B210-SUB-2-4	7/22/2015	2-4	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.95J	0.43J	0.081J	<0.0036U	<0.0066U	1.461
SSHS-B210	SSHS-B210-SUB-4-6	7/22/2015	4-6	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.11J	0.04J	0.0073J	<0.0036U	<0.0067U	0.1573
SSHS-B210	SSHS-B210-SUB-6-8	7/22/2015	6-8	<0.0039U	<0.0048U	<0.0067U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
SSHS-B2108	SSHS-B2108-SUB-10-12	7/25/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0927
SSHS-B2108	SSHS-B2108-SUB-2-4	7/25/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	<0.015U	0.035	<0.0056U	<0.0095U	<0.014U	0.07875
SSHS-B2108	SSHS-B2108-SUB-4-6	7/25/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B2108	SSHS-B2108-SUB-6-8	7/25/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0093U	<0.013U	<0.097
SSHS-B2108	SSHS-B2108-SUB-8-10	7/25/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2109	SSHS-B2109-SUB-10-12	7/25/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0091U	<0.013U	<0.0956
SSHS-B2109	SSHS-B2109-SUB-2-4	7/25/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.013U	<0.0056U	<0.0096U	<0.014U	<0.1016
SSHS-B2109	SSHS-B2109-SUB-4-6	7/25/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0057U	<0.0097U	<0.014U	<0.1029
SSHS-B2109	SSHS-B2109-SUB-6-8	7/25/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B2109	SSHS-B2109-SUB-8-10	7/25/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.13	0.068	0.023	<0.0093U	<0.013U	0.2523
SSHS-B211	SSHS-B211-SUB-2-4	8/4/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.3J	2.3J	0.28J	<0.0037U	<0.0067U	6.88
SSHS-B2110	SSHS-B2110-SUB-10-12	7/25/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0957
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B2110	SSHS-B2110-SUB-2-4	7/25/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0058U	<0.0099U	<0.014U	<0.1033
SSHS-B2110	SSHS-B2110-SUB-4-6	7/25/2018	4-6	<0.0074U	<0.015U	<0.013U	<0.014U	<0.018U	<0.016U	<0.0065U	<0.011U	<0.016U	<0.1169
SSHS-B2110	SSHS-B2110-SUB-6-8	7/25/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0092U	<0.013U	<0.0958
SSHS-B2110	SSHS-B2110-SUB-8-10	7/25/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	0.017J	<0.014U	<0.0057U	<0.0097U	<0.014U	0.06045
SSHS-B212	SSHS-B212-SUB-2-4	7/28/2015	2-4	<0.19U	<0.23U	<0.32U	<0.24U	46J	23J	6.2J	<0.19U	<0.35U	75.2
SSHS-B212	SSHS-B212-SUB-4-6	7/28/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	6.1J	2.6J	0.64J	<0.0037U	<0.0067U	9.34
SSHS-B212	SSHS-B212-SUB-6-8	7/28/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.069J	0.059J	0.026J	<0.0039U	<0.0071U	0.154
SSHS-B2127	SSHS-B2127-SUB-10-12	7/25/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0927
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2127	SSHS-B2127-SUB-2-4	7/25/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.52	0.38	0.14	<0.0089U	<0.013U	1.071
SSHS-B2127	SSHS-B2127-SUB-4-6	7/25/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.027	0.02	0.0086J	<0.0092U	<0.013U	0.0868
SSHS-B2127	SSHS-B2127-SUB-6-8	7/25/2018	6-8	<0.0063U	<0.013U	<0.012U	<0.012U	0.028	0.023	0.011J	<0.0094U	<0.014U	0.09535
SSHS-B2127	SSHS-B2127-SUB-8-10	7/25/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0093U	<0.013U	<0.0959
SSHS-B2128	SSHS-B2128-SUB-10-12	7/25/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.052	0.037	<0.0054U	<0.0093U	<0.013U	0.123
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	0.067	0.047	<0.0051U	<0.0087U	<0.013U	0.1473
SSHS-B2128	SSHS-B2128-SUB-2-4	7/25/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.093	0.056	0.014J	<0.0093U	<0.013U	0.1943
SSHS-B2128	SSHS-B2128-SUB-4-6	7/25/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.02	<0.013U	<0.0054U	<0.0092U	<0.013U	0.06035
SSHS-B2128	SSHS-B2128-SUB-6-8	7/25/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2128	SSHS-B2128-SUB-8-10	7/25/2018	8-10	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2129	SSHS-B2129-SUB-10-12	7/25/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.019	0.015J	<0.0052U	<0.0089U	<0.013U	0.06755
SSHS-B2129	SSHS-B2129-SUB-2-4	7/25/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	0.091	0.067	<0.0055U	<0.0094U	<0.014U	0.1931
SSHS-B2129	SSHS-B2129-SUB-4-6	7/25/2018	4-6	<0.0061U,F2	<0.012U	<0.011U	<0.011U	0.024	0.017J	<0.0054U,F2	<0.0091U	<0.013U	0.0748
SSHS-B2129	SSHS-B2129-SUB-6-8	7/25/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.021	0.016J	<0.0053U	<0.0091U	<0.013U	0.07075
SSHS-B2129	SSHS-B2129-SUB-8-10	7/25/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B214	SSHS-B214-SUB-2-4	7/28/2015	2-4	<0.0039U	<0.0048U	<0.0066U	<0.0048U	2.3J	1.7J	0.22J	<0.0039U	<0.0071U	4.22
SSHS-B214	SSHS-B214-SUB-4-6	7/28/2015	4-6	<0.0043U	<0.0053U	<0.0073U	<0.0053U	0.55J	0.46J	0.069J	<0.0042U	<0.0078U	1.079
SSHS-B214	SSHS-B214-SUB-6-8	7/28/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.0087J	<0.0046U	<0.0043U	<0.0039U	<0.0072U	0.0087
SSHS-B2143	SSHS-B2143-SUB-10-12	7/25/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2143	SSHS-B2143-SUB-2-4	7/25/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	0.047	0.083	0.037	<0.0094U	<0.014U	0.2004
SSHS-B2143	SSHS-B2143-SUB-4-6	7/25/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.022	<0.013U	0.0073J	<0.0092U	<0.013U	0.067
SSHS-B2143	SSHS-B2143-SUB-6-8	7/25/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	0.019	<0.0052U	<0.0089U	<0.013U	0.0595
SSHS-B2143	SSHS-B2143-SUB-8-10	7/25/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.009U	<0.013U	<0.0952
SSHS-B216	SSHS-B216-SUB-2-4	7/16/2015	2-4	<0.19U	<0.24U	<0.33U	<0.24U	58J	25J	5.8J	<0.19U	<0.35U	88.8
SSHS-B216	SSHS-B216-SUB-4-6	7/16/2015	4-6	<0.0041U,F2,F1	<0.0051U	<0.007U	<0.0051U	6.2J	2.3J	0.28J	<0.0041U	<0.0075U	8.78
SSHS-B216	SSHS-B216-SUB-6-8	7/16/2015	6-8	<0.0043U	<0.0052U	<0.0072U	<0.0053U	<0.0052U	<0.005U	<0.0046U	<0.0042U	<0.0077U	<0
SSHS-B217	SSHS-B217-SUB-2-4	7/16/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	5.4J	2.6J	0.67J	<0.0037U	<0.0068U	8.67
SSHS-B217	SSHS-B217-SUB-4-6	7/16/2015	4-6	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.93J	0.45J	0.049J	<0.0039U	<0.0072U	1.429
SSHS-B217	SSHS-B217-SUB-6-8	7/16/2015	6-8	<0.004U	<0.005U	<0.0068U	<0.005U	<0.005U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
SSHS-B218	SSHS-B218-SUB-2-4	7/16/2015	2-4	<0.0039U	<0.0048U	<0.0066U	<0.0048U	3.2J	1.8J	0.44J	<0.0038U	<0.007U	5.44
SSHS-B218	SSHS-B218-SUB-4-6	7/16/2015	4-6	<0.0039U	<0.0048U	<0.0067U	<0.0049U	1.8J	0.74J	0.18J	<0.0039U	<0.0071U	2.72
SSHS-B218	SSHS-B218-SUB-6-8	7/16/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
SSHS-B2185	SSHS-B2185-SUB-10-12	7/24/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.032	0.022	0.0082J	<0.0092U	<0.013U	0.0934
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.053	0.052	0.03	<0.0089U	<0.013U	0.166
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.096	0.068	0.026	<0.0092U	<0.013U	0.2212
SSHS-B2185	SSHS-B2185-SUB-4-6	7/24/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	0.34	0.12	0.032	<0.0094U	<0.014U	0.5244
SSHS-B2185	SSHS-B2185-SUB-6-8	7/24/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.28	0.14	0.039	<0.0095U	<0.014U	0.4925
SSHS-B2185	SSHS-B2185-SUB-8-10	7/24/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.25	0.12	0.036	<0.0092U	<0.013U	0.4372
SSHS-B2186	SSHS-B2186-SUB-10-12	7/24/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.051	0.03	0.0083J	<0.0089U	<0.013U	0.1202
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.36	0.36	0.057	<0.0092U	<0.013U	0.8082
SSHS-B2186	SSHS-B2186-SUB-4-6	7/24/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.16	0.16	0.024	<0.009U	<0.013U	0.3751
SSHS-B2186	SSHS-B2186-SUB-6-8	7/24/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	0.093	0.067	0.022	<0.0088U	<0.013U	0.2129
SSHS-B2186	SSHS-B2186-SUB-8-10	7/24/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.039	0.022	0.0065J	<0.0089U	<0.013U	0.09845
SSHS-B2187	SSHS-B2187-SUB-10-12	7/24/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.011U	0.046	0.027	<0.005U	<0.0086U	<0.012U	0.1047
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	0.038	0.022	<0.0051U	<0.0088U	<0.013U	0.0934
SSHS-B2187	SSHS-B2187-SUB-4-6	7/24/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2187	SSHS-B2187-SUB-6-8	7/24/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.011U	0.14	0.074	<0.005U	<0.0085U	<0.012U	0.2456
SSHS-B2187	SSHS-B2187-SUB-8-10	7/24/2018	8-10	<0.0058U	<0.012U	<0.011U	<0.011U	0.13	0.072	<0.0051U	<0.0086U	<0.012U	0.2348
SSHS-B2188	SSHS-B2188-SUB-10-12	7/24/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	0.018	0.029	<0.0053U	<0.009U	<0.013U	0.08065
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.012U	0.043	0.12	0.024	<0.0093U	<0.013U	0.2188
SSHS-B2188	SSHS-B2188-SUB-4-6	7/24/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.16	0.22	0.034	<0.0091U	<0.013U	0.4451
SSHS-B2188	SSHS-B2188-SUB-6-8	7/24/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.13	0.16	<0.0056U	<0.0095U	<0.014U	0.3263
SSHS-B2188	SSHS-B2188-SUB-8-10	7/24/2018	8-10	<0.0057U	<0.011U	<0.01U	<0.011U	<0.014U	0.014J	<0.005U	<0.0086U	<0.012U	0.05265
SSHS-B2189	SSHS-B2189-SUB-10-12	7/24/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	0.049	0.03	<0.0051U	<0.0087U	<0.013U	0.1123
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	0.073	0.046	<0.0053U	<0.009U	<0.013U	0.1527
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.27	0.2	<0.0052U	<0.0089U	<0.013U	0.5035
SSHS-B2189	SSHS-B2189-SUB-4-6	7/24/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.34	0.24	<0.0053U	<0.0091U	<0.013U	0.6138
SSHS-B2189	SSHS-B2189-SUB-6-8	7/24/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	0.17	0.12	<0.0054U	<0.0093U	<0.013U	0.324
SSHS-B2189	SSHS-B2189-SUB-8-10	7/24/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.11	0.09	<0.0053U	<0.0091U	<0.013U	0.2338
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	0.072	0.053	0.016J	<0.0086U	<0.012U	0.1712
SSHS-B2190	SSHS-B2190-SUB-4-6	7/27/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.24	0.16	0.04	<0.0091U	<0.013U	0.4711
SSHS-B2190	SSHS-B2190-SUB-6-8	7/27/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.15	0.097	0.029	<0.0091U	<0.013U	0.3071
SSHS-B2190	SSHS-B2190-SUB-8-10	7/27/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	0.086	0.061	0.02	<0.0088U	<0.013U	0.1979
SSHS-B2191	SSHS-B2191-SUB-10-12	7/24/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.075	0.048	<0.0053U	<0.009U	<0.013U	0.1567
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	<0.0058U	<0.011U	<0.011U	<0.011U	0.044	0.029	<0.005U	<0.0086U	<0.012U	0.1052
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	0.069	0.1	<0.0055U	<0.0093U	<0.014U	0.2041
SSHS-B2191	SSHS-B2191-SUB-4-6	7/24/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.17	0.1	<0.0052U	<0.0088U	<0.013U	0.3035
SSHS-B2191	SSHS-B2191-SUB-6-8	7/24/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	0.62	0.58	0.073	<0.0092U	<0.013U	1.304
SSHS-B2191	SSHS-B2191-SUB-8-10	7/24/2018	8-10	<0.0063U	<0.013U	<0.011U	<0.012U	0.3	0.32	0.046	<0.0094U	<0.014U	0.6989
SSHS-B2192	SSHS-B2192-SUB-10-12	7/26/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	0.024	0.025	<0.0051U	<0.0087U	<0.013U	0.0823
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	<0.0062U	<0.012U	<0.011U	<0.011U	0.059	0.093	<0.0054U	<0.0092U	<0.013U	0.1859
SSHS-B2192	SSHS-B2192-SUB-4-6	7/26/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.076	0.066	<0.0054U	<0.0092U	<0.013U	0.1759
SSHS-B2192	SSHS-B2192-SUB-6-8	7/26/2018	6-8	<0.0063U	<0.013U	<0.012U	<0.012U	0.15	0.23	0.035	<0.0095U	<0.014U	0.4484
SSHS-B2192	SSHS-B2192-SUB-8-10	7/26/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.037	0.038	<0.0053U	<0.009U	<0.013U	0.1087

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B2193	SSHS-B2193-SUB-2-4	7/26/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	2.2	1.2	0.14	<0.0095U	<0.014U	3.573
SSHS-B2194	SSHS-B2194-SUB-10-12	7/25/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.041	0.04	0.016J	<0.0087U	<0.013U	0.1278
SSHS-B2194	SSHS-B2194-SUB-2-4	7/25/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	1.5	1.5	0.35	<0.0094U	<0.014U	3.383
SSHS-B2194	SSHS-B2194-SUB-4-6	7/25/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.2	0.17	0.055	<0.0093U	<0.013U	0.4563
SSHS-B2194	SSHS-B2194-SUB-6-8	7/25/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.074	0.079	0.027	<0.0091U	<0.013U	0.2111
SSHS-B2194	SSHS-B2194-SUB-8-10	7/25/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.039	0.046	0.02	<0.009U	<0.013U	0.136
SSHS-B2195	SSHS-B2195-SUB-10-12	7/26/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0093U	<0.013U	<0.0959
SSHS-B2195	SSHS-B2195-SUB-2-4	7/26/2018	2-4	<0.0079U	<0.016U	<0.014U	<0.015U	1.8	0.96	0.11	<0.012U	<0.017U	2.911
SSHS-B2195	SSHS-B2195-SUB-4-6	7/26/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	0.04	<0.0058U	<0.0099U	<0.014U	0.08465
SSHS-B2195	SSHS-B2195-SUB-6-8	7/26/2018	6-8	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	0.23	0.05	<0.0098U	<0.014U	0.3217
SSHS-B2195	SSHS-B2195-SUB-8-10	7/26/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	0.013J	<0.0054U	<0.0092U	<0.013U	0.0544
SSHS-B2197	SSHS-B2197-SUB-10-12	7/24/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	0.11	0.066	<0.0053U	<0.009U	<0.013U	0.2097
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	0.058	0.032	<0.0053U	<0.0091U	<0.013U	0.1238
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.72	0.41	0.039	<0.0092U	<0.013U	1.2
SSHS-B2197	SSHS-B2197-SUB-4-6	7/24/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	0.26	0.15	<0.0053U	<0.009U	<0.013U	0.4437
SSHS-B2197	SSHS-B2197-SUB-6-8	7/24/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.4	0.23	<0.0056U	<0.0095U	<0.014U	0.6663
SSHS-B2197	SSHS-B2197-SUB-8-10	7/24/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.38	0.21	<0.0053U	<0.009U	<0.013U	0.6237
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.27	0.19	0.018J	<0.0096U	<0.014U	0.5115
SSHS-B2198	SSHS-B2198-SUB-4-6	7/24/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	0.28	0.15	<0.0056U	<0.0095U	<0.014U	0.4663
SSHS-B2198	SSHS-B2198-SUB-6-8	7/24/2018	6-8	<0.0063U	<0.012U	<0.011U	<0.012U	0.058	0.033	<0.0055U	<0.0093U	<0.014U	0.1261
SSHS-B2198	SSHS-B2198-SUB-8-10	7/24/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	0.021	0.014J	<0.0052U	<0.0088U	<0.013U	0.06845
SSHS-B22	B23449	5/9/2000	2-4	<0.037U	<0.037U	<0.037U	<0.037U	1.2D	<0.037U	0.13	-	-	1.33
SSHS-B220	SSHS-B220-SUB-2-4	7/28/2015	2-4	<0.038U	<0.046U	<0.064U	<0.047U	7.5J	3.5J	0.73J	<0.037U	<0.069U	11.73
SSHS-B220	SSHS-B220-SUB-4-6	7/28/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.2J	1.3J	0.34J	<0.0037U	<0.0068U	4.84
SSHS-B220	SSHS-B220-SUB-6-8	7/28/2015	6-8	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.047J	0.047J	0.12J	<0.0039U	<0.0071U	0.214
SSHS-B221	SSHS-B221-SUB-2-4	7/15/2015	2-4	<0.2U	<0.24U	<0.33U	<0.24U	46J	19J	4.4J	<0.19U	<0.35U	69.4
SSHS-B221	SSHS-B221-SUB-4-6	7/15/2015	4-6	<0.004U	<0.0049U	<0.0068U	<0.0049U	5.6J	2.2J	0.21J	<0.0039U	<0.0072U	8.01
SSHS-B221	SSHS-B221-SUB-6-8	7/15/2015	6-8	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.039	<0.0043U	<0.0039U	<0.0036U	<0.0067U	0.039
SSHS-B2213	SSHS-B2213-SUB-10-12	7/26/2018	10-12	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	0.14	<0.0055U	<0.0094U	<0.014U	0.1836
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0056U	<0.0096U	<0.014U	<0.1026
SSHS-B2213	SSHS-B2213-SUB-2-4	7/26/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	0.32	<0.0056U	<0.0096U	<0.014U	0.3643
SSHS-B2213	SSHS-B2213-SUB-4-6	7/26/2018	4-6	<0.0063U	<0.013U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.0992
SSHS-B2213	SSHS-B2213-SUB-6-8	7/26/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	0.014J	<0.0056U	<0.0095U	<0.014U	0.05825
SSHS-B2213	SSHS-B2213-SUB-8-10	7/26/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	0.45	0.051	<0.0094U	<0.014U	0.5419
SSHS-B2214	SSHS-B2214-SUB-10-12	7/26/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	0.04	0.015J	<0.0053U	<0.009U	<0.013U	0.08865
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0087U	<0.013U	<0.0926
SSHS-B2214	SSHS-B2214-SUB-4-6	7/26/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0056U	<0.0096U	<0.014U	<0.1026
SSHS-B2214	SSHS-B2214-SUB-8-10	7/26/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1015
SSHS-B2215	SSHS-B2215-SUB-10-12	7/26/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.011U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0892
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2215	SSHS-B2215-SUB-2-4	7/26/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0059U	<0.01U	<0.015U	<0.1046
SSHS-B2215	SSHS-B2215-SUB-4-6	7/26/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	<0.014U	<0.0056U	<0.0096U	<0.014U	<0.1026
SSHS-B2215	SSHS-B2215-SUB-6-8	7/26/2018	6-8	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0051U	<0.0088U	<0.013U	<0.0928
SSHS-B2215	SSHS-B2215-SUB-8-10	7/26/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0088U	<0.013U	<0.0929
SSHS-B2216	SSHS-B2216-SUB-10-12	7/25/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0088U	<0.013U	<0.0929
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0882
SSHS-B2216	SSHS-B2216-SUB-2-4	7/25/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0954
SSHS-B2216	SSHS-B2216-SUB-4-6	7/25/2018	4-6	<0.0063U	<0.013U	<0.011U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.0992
SSHS-B2216	SSHS-B2216-SUB-6-8	7/25/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2216	SSHS-B2216-SUB-8-10	7/25/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.009U	<0.013U	<0.0953
SSHS-B2217	SSHS-B2217-SUB-10-12	7/27/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	0.5	0.061	<0.0088U	<0.013U	0.5989
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	1	0.12	<0.0088U	<0.013U	1.158
SSHS-B2217	SSHS-B2217-SUB-2-4	7/27/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	<0.016U	0.49	0.053	<0.0096U	<0.014U	0.5845
SSHS-B2217	SSHS-B2217-SUB-4-6	7/27/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.14	0.17	<0.0057U	<0.0097U	<0.014U	0.3465
SSHS-B2217	SSHS-B2217-SUB-6-8	7/27/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	1.4	0.2	<0.0093U	<0.013U	1.639
SSHS-B2217	SSHS-B2217-SUB-8-10	7/27/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	2	0.26	<0.009U	<0.013U	2.299
SSHS-B222	SSHS-B222-SUB-2-4	7/16/2015	2-4	<0.004U	<0.0049U	<0.0068U	<0.005U	1.7J	0.81J	0.14J	<0.004U	<0.0073U	2.65
SSHS-B222	SSHS-B222-SUB-4-6	7/16/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0049U	3J	1.2J	0.15J	<0.0039U	<0.0071U	4.35
SSHS-B222	SSHS-B222-SUB-6-8	7/16/2015	6-8	<0.0037U	<0.0046U	<0.0064U	<0.0046U	<0.0046U	<0.0044U	<0.004U	<0.0037U	<0.0068U	<0
SSHS-B2221	SSHS-B2221-SUB-10-12	7/24/2018	10-12	<0.0058U	<0.012U	<0.011U	<0.011U	0.32	0.2	<0.0051U	<0.0086U	<0.012U	0.5528
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0083U	<0.012U	<0.0878
SSHS-B2221	SSHS-B2221-SUB-4-6	7/24/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	1.2	0.62	0.054	<0.0096U	<0.014U	1.908
SSHS-B2221	SSHS-B2221-SUB-6-8	7/24/2018	6-8	<0.006U	<0.012U	<0.011U	<0.011U	0.097	0.053	<0.0053U	<0.009U	<0.013U	0.1837
SSHS-B2221	SSHS-B2221-SUB-8-10	7/24/2018	8-10	<0.0059U	<0.012U	<0.011U	<0.011U	0.14	0.064	<0.0052U	<0.0089U	<0.013U	0.2375
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	0.47	0.19	<0.0054U	<0.0092U	<0.013U	0.6939
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<0.0057U	<0.011U	<0.01U	<0.011U	<0.014U	<0.012U	<0.005U	<0.0085U	<0.012U	<0.0892
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	1.4	0.59	0.061	<0.0097U	<0.014U	2.085
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.0057U	<0.011U	<0.01U	<0.011U	0.12	0.032	0.011J	<0.0086U	<0.012U	0.1922
SSHS-B2224	SSHS-B2224-SUB-4-6	7/26/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.98	0.29	0.11	<0.0092U	<0.013U	1.411
SSHS-B2224	SSHS-B2224-SUB-6-8	7/26/2018	6-8	<0.0071U	<0.014U	<0.013U	<0.013U	0.13	0.038	0.013J	<0.011U	<0.015U	0.2176
SSHS-B2224	SSHS-B2224-SUB-8-10	7/26/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.24	0.068	0.022	<0.0089U	<0.013U	0.361
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.0062U	<0.012U	<0.011U	<0.011U	3	1.1	0.076	<0.0093U	<0.013U	4.207
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	<0.0069U	<0.014U	<0.013U	<0.013U	0.046	<0.015U	<0.0061U	<0.01U	<0.015U	0.0925
SSHS-B2227	SSHS-B2227-SUB-10-12	7/26/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	4.5	1.8	0.17	<0.0089U	<0.013U	6.501
SSHS-B2227	SSHS-B2227-SUB-8-10	7/26/2018	8-10	<0.0063U,F1	<0.013U	<0.012U	<0.012U	2.5	0.99	0.078	<0.0094U	<0.014U	3.601
SSHS-B2228	SSHS-B2228-SUB-10-12	7/27/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0056U	<0.0095U	<0.014U	<0.1005
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	<0.014U	<0.012U	<0.0052U	<0.0088U	<0.013U	<0.0929
SSHS-B2228	SSHS-B2228-SUB-4-6	7/27/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0052U	<0.0089U	<0.013U	<0.0951
SSHS-B2228	SSHS-B2228-SUB-6-8	7/27/2018	6-8	<0.0068U	<0.014U	<0.012U	<0.012U	<0.017U	<0.014U	<0.0059U	<0.01U	<0.015U	<0.1067
SSHS-B2228	SSHS-B2228-SUB-8-10	7/27/2018	8-10	<0.0068U	<0.014U	<0.012U	<0.013U	<0.017U	<0.014U	<0.006U	<0.01U	<0.015U	<0.1078
SSHS-B2229	SSHS-B2229-SUB-2-4	7/27/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.61	0.47	0.16	<0.0096U	<0.014U	1.274
SSHS-B2229	SSHS-B2229-SUB-4-6	7/27/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.15	0.15	<0.0054U	<0.0091U	<0.013U	0.3338
SSHS-B223	SSHS-B223-SUB-2-4	7/28/2015	2-4	<0.0039U	<0.0048U	<0.0066U	<0.0049U	0.43J	0.24J	0.047J	<0.0039U	<0.0071U	0.717
SSHS-B223	SSHS-B223-SUB-4-6	7/28/2015	4-6	<0.004U	<0.0049U	<0.0068U	<0.005U	3.7J	1.3J	0.1J	<0.004U	<0.0073U	5.1
SSHS-B223	SSHS-B223-SUB-6-8	7/28/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
SSHS-B2230	SSHS-B2230-SUB-10-12	7/23/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.067	0.051	<0.0054U	<0.0092U	<0.013U	0.1519
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.4	0.3	0.024	<0.009U	<0.013U	0.755
SSHS-B2230	SSHS-B2230-SUB-2-4	7/23/2018	2-4	<0.13U	<0.25U	<0.23U	<0.23U	28	9.2	0.95p	<0.19U	<0.27U	38.8
SSHS-B2230	SSHS-B2230-SUB-4-6	7/23/2018	4-6	<0.065U	<0.13U	<0.12U	<0.12U	14	5.4	0.66p	<0.097U	<0.14U	20.4
SSHS-B2230	SSHS-B2230-SUB-6-8	7/23/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	1.9	0.72	0.088p	<0.0093U	<0.013U	2.739
SSHS-B2230	SSHS-B2230-SUB-8-10	7/23/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	3.6	2.6	0.23	<0.0091U	<0.013U	6.461
SSHS-B2231	SSHS-B2231-SUB-10-12	7/23/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.47	0.17	0.02p	<0.0092U	<0.013U	0.6912
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	1.1	0.37	0.038p	<0.009U	<0.013U	1.539
SSHS-B2231	SSHS-B2231-SUB-2-4	7/23/2018	2-4	<0.065U	<0.13U	<0.12U	<0.12U	23	9.7	0.55	<0.097U	<0.14U	33.59
SSHS-B2231	SSHS-B2231-SUB-4-6	7/23/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	0.85	0.35	0.052	<0.0098U	<0.014U	1.286
SSHS-B2231	SSHS-B2231-SUB-6-8	7/23/2018	6-8	<0.0067U	<0.013U	<0.012U	<0.012U	2.6	0.92	0.15	<0.0099U	<0.014U	3.704
SSHS-B2231	SSHS-B2231-SUB-8-10	7/23/2018	8-10	<0.0063U	<0.013U	<0.011U	<0.012U	0.4	0.14	0.012J,p	<0.0094U	<0.014U	0.5849
SSHS-B2232	SSHS-B2232-SUB-10-12	7/24/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.48	0.18	<0.0054U	<0.0092U	<0.013U	0.6939
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	<0.0062U	<0.012U	<0.011U	<0.011U	1.1	0.45	0.043	<0.0093U	<0.013U	1.624
SSHS-B2232	SSHS-B2232-SUB-2-4	7/24/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	5.2	3.7	0.31	<0.0093U	<0.013U	9.241
SSHS-B2232	SSHS-B2232-SUB-4-6	7/24/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.27	0.12	0.023	<0.0097U	<0.014U	0.4466
SSHS-B2232	SSHS-B2232-SUB-6-8	7/24/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.18	0.057	0.012J	<0.0091U	<0.013U	0.2801
SSHS-B2232	SSHS-B2232-SUB-8-10	7/24/2018	8-10	<0.0063U	<0.013U	<0.011U	<0.012U	0.039	0.031	<0.0055U	<0.0094U	<0.014U	0.1056
SSHS-B2233	SSHS-B2233-SUB-10-12	7/24/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.037	0.033	<0.0052U	<0.0088U	<0.013U	0.1035
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	0.02	0.021	<0.0052U	<0.0089U	<0.013U	0.0745
SSHS-B2233	SSHS-B2233-SUB-2-4	7/24/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	0.52	0.46	0.068	<0.0093U	<0.014U	1.08
SSHS-B2233	SSHS-B2233-SUB-4-6	7/24/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.28	0.21	<0.0057U	<0.0097U	<0.014U	0.5265
SSHS-B2233	SSHS-B2233-SUB-6-8	7/24/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.17	0.25	<0.0056U	<0.0095U	<0.014U	0.4563
SSHS-B2233	SSHS-B2233-SUB-8-10	7/24/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.011U	0.032	0.029	<0.0054U	<0.0092U	<0.013U	0.0949
SSHS-B2234	SSHS-B2234-SUB-10-12	7/23/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.19	0.11	<0.0054U	<0.0092U	<0.013U	0.3339
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	<0.0062U	<0.012U	<0.011U	<0.011U	0.13	0.076	<0.0054U	<0.0093U	<0.013U	0.24
SSHS-B2234	SSHS-B2234-SUB-2-4	7/23/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	1.2	1	0.11	<0.0095U	<0.014U	2.343
SSHS-B2234	SSHS-B2234-SUB-4-6	7/23/2018	4-6	<0.0063U	<0.013U	<0.011U	<0.012U	0.17	0.12	<0.0055U	<0.0094U	<0.014U	0.3256
SSHS-B2234	SSHS-B2234-SUB-6-8	7/23/2018	6-8	<0.0063U	<0.013U	<0.011U	<0.012U	0.031	0.021	<0.0055U	<0.0094U	<0.014U	0.0876
SSHS-B2234	SSHS-B2234-SUB-8-10	7/23/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	0.46	0.19	<0.0055U	<0.0095U	<0.014U	0.6862
SSHS-B2235	SSHS-B2235-SUB-10-12	7/23/2018	10-12	<0.0063U	<0.012U	<0.011U	<0.012U	0.09	0.04	<0.0055U	<0.0094U	<0.014U	0.1651

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.091	0.042	<0.0053U	<0.009U	<0.013U	0.1667
SSHS-B2235	SSHS-B2235-SUB-2-4	7/23/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	1.1	0.51	0.043	<0.0093U	<0.013U	1.684
SSHS-B2235	SSHS-B2235-SUB-4-6	7/23/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.41	0.16	<0.0054U	<0.0091U	<0.013U	0.6038
SSHS-B2235	SSHS-B2235-SUB-6-8	7/23/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.21	0.082	<0.0056U	<0.0096U	<0.014U	0.3283
SSHS-B2235	SSHS-B2235-SUB-8-10	7/23/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	0.13	0.059	<0.0056U	<0.0095U	<0.014U	0.2253
SSHS-B2236	SSHS-B2236-SUB-2-4	7/27/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	1.9	0.85	0.11	<0.0088U	<0.013U	2.891
SSHS-B2236	SSHS-B2236-SUB-4-6	7/27/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	1.2	0.49	0.067	<0.0086U	<0.012U	1.787
SSHS-B2238	SSHS-B2238-SUB-10-12	7/23/2018	10-12	<3U	<6U	<5.5U	<5.6U	1100	440	22	<4.5U	<6.5U	1578
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	<3U	<5.9U	<5.4U	<5.4U	1000	370	25	<4.4U	<6.4U	1410
SSHS-B2239	SSHS-B2239-SUB-2-4	7/23/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	14	4.7	0.6p	<0.09U	<0.13U	19.61
SSHS-B2239	SSHS-B2239-SUB-4-6	7/23/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.66	0.25	0.052	<0.0091U	<0.013U	0.9931
SSHS-B2239	SSHS-B2239-SUB-6-8	7/23/2018	6-8	<0.006U,F1	<0.012U	<0.011U	<0.011U	2.8	1.1	0.21	<0.009U	<0.013U	4.141
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	0.042	0.014J	<0.0054U	<0.0091U	<0.013U	0.0898
SSHS-B2240	SSHS-B2240-SUB-8-10	7/23/2018	8-10	<0.006U	<0.012U	<0.011U	<0.011U	0.4	0.14	0.018J,p	<0.009U	<0.013U	0.589
SSHS-B2242	SSHS-B2242-SUB-10-12	7/23/2018	10-12	<0.0064U	<0.013U	<0.012U	<0.012U	0.56	0.22	0.051	<0.0095U	<0.014U	0.8645
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	<0.12U	<0.24U	<0.22U	<0.22U	30	9.4	0.95p	<0.18U	<0.26U	40.97
SSHS-B2242	SSHS-B2242-SUB-8-10	7/23/2018	8-10	<0.064U	<0.13U	<0.12U	<0.12U	24	8	0.73p	<0.095U	<0.14U	33.06
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	3.2	0.83	0.21	<0.0088U	<0.013U	4.271
SSHS-B2244	SSHS-B2244-SUB-10-12	7/23/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.27	0.3	0.062p	<0.0091U	<0.013U	0.6631
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.24	0.27	0.048p	<0.0089U	<0.013U	0.589
SSHS-B2245	SSHS-B2245-SUB-10-12	7/24/2018	10-12	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0084U	<0.012U	<0.0879
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0083U	<0.012U	<0.0878
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.45	0.67	0.12	<0.0089U	<0.013U	1.271
SSHS-B2245	SSHS-B2245-SUB-4-6	7/24/2018	4-6	<0.0057U	<0.011U	<0.01U	<0.011U	<0.014U	<0.012U	<0.005U	<0.0086U	<0.012U	<0.0893
SSHS-B2245	SSHS-B2245-SUB-6-8	7/24/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0084U	<0.012U	<0.088
SSHS-B2245	SSHS-B2245-SUB-8-10	7/24/2018	8-10	<0.0056U	<0.011U	<0.01U	<0.01U	<0.014U	<0.012U	<0.0049U	<0.0084U	<0.012U	<0.0879
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	2.1	1.2	0.16	<0.0093U	<0.014U	3.492
SSHS-B225	SSHS-B225-SUB-2-4	7/28/2015	2-4	<0.2U	<0.24U	<0.33U	<0.24U	56J	19J	4.4J	<0.19U	<0.36U	79.4
SSHS-B225	SSHS-B225-SUB-4-6	7/28/2015	4-6	<0.0038U	<0.0046U	<0.0064U	<0.0047U	4.6J	1.4J	0.19J	<0.0037U	<0.0068U	6.19
SSHS-B226	SSHS-B226-SUB-2-3	7/15/2015	2-3	<0.078U	<0.096U	<0.13U	<0.097U	22J	8.6J	<0.084U	<0.077U	<0.14U	30.6
SSHS-B227	SSHS-B227-SUB-2-4	7/15/2015	2-4	<0.0039U	<0.0047U	<0.0065U	<0.0048U	3.1J	1.4J	0.16J	<0.0038U	<0.007U	4.66
SSHS-B227	SSHS-B227-SUB-4-6	7/15/2015	4-6	<0.38U	<0.47U	<0.65U	<0.48U	120	<0.45U	3.4	<0.38U	<0.69U	123.4
SSHS-B227	SSHS-B227-SUB-6-8	7/15/2015	6-8	<0.041U	<0.051U	<0.07U	<0.051U	11	<0.048U	0.18J	<0.041U	<0.075U	11.18
SSHS-B227A	SSHS-B227A-SUB-8-10	7/28/2015	8-10	<0.004U	<0.0049U	<0.0068U	<0.005U	4.2J	1.3J	0.12J	<0.004U	<0.0073U	5.62
SSHS-B228	SSHS-B228-SUB-2-4	7/15/2015	2-4	<0.038U	<0.047U	<0.064U	<0.047U	22	<0.044U	0.81	<0.037U	<0.069U	22.81
SSHS-B228	SSHS-B228-SUB-4-6	7/15/2015	4-6	<0.076U	<0.093U	<0.13U	<0.094U	35	<0.089U	0.71	<0.075U	<0.14U	35.71
SSHS-B228	SSHS-B228-SUB-6-8	7/15/2015	6-8	<0.004U	<0.0049U	<0.0068U	<0.005U	0.28J	0.08J	<0.0043U	<0.004U	<0.0073U	0.36
SSHS-B229	SSHS-B229-SUB-2-4	7/15/2015	2-4	<0.39U	<0.48U	<0.67U	<0.49U	82J	35J	<0.42U	<0.39U	<0.71U	117
SSHS-B229	SSHS-B229-SUB-4-6	7/15/2015	4-6	<0.77U,F1	<0.95U	<1.3U	<0.95U	170J	63J	<0.83U,F1	<0.76U	<1.4U	233
SSHS-B229	SSHS-B229-SUB-6-8	7/15/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.15J	0.044J	<0.0042U	<0.0039U	<0.0072U	0.194
SSHS-B23	B23440	5/9/2000	4-8	<0.04U	<0.04U	<0.04U	<0.04U	0.35	<0.04U	0.083	-	-	0.433
SSHS-B23	B23441	5/9/2000	8-12	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
SSHS-B230	SSHS-B230-SUB-2-4	7/28/2015	2-4	<0.2U	<0.24U	<0.33U	<0.24U	40J	15J	1.2J	<0.19U	<0.36U	56.2
SSHS-B230	SSHS-B230-SUB-4-6	7/28/2015	4-6	<0.038U,F1	<0.047U	<0.065U	<0.047U	20J	7.6J	0.44J	<0.038U	<0.069U	28.04
SSHS-B230	SSHS-B230-SUB-6-8	7/28/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.012J	0.0051J	0.0044J	<0.0039U	<0.0072U	0.0215
SSHS-B2300	SSHS-B2300-SUB-2-4	8/29/2018	2-4	<0.0062U,F2,F1	<0.012U	<0.011U	<0.011U	4.6	1.9	0.089F2	<0.0093U	<0.013U	6.62
SSHS-B2301	SSHS-B2301-SUB-2-4	8/28/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	2.8	1.3	0.23	<0.0092U	<0.013U	4.361
SSHS-B2305	SSHS-B2305-SUB-2-4	8/29/2018	2-4	<0.031U	<0.063U	<0.057U	<0.058U	8.7	7.7	0.6	<0.047U	<0.068U	17.16
SSHS-B2306	SSHS-B2306-SUB-2-4	8/29/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.089	0.043	0.0099J	<0.0091U	<0.013U	0.173
SSHS-B2307	SSHS-B2307-SUB-2-4	8/29/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.36	0.3	0.026	<0.0088U	<0.013U	0.7169
SSHS-B2309	SSHS-B2309-SUB-2-4	8/28/2018	2-4	<0.25U	<0.5U	<0.46U	<0.46U	41	18	0.8	<0.38U	<0.54U	61.1
SSHS-B2309	SSHS-B2309-SUB-4-6	8/28/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.071	0.022	<0.0057U	<0.0097U	<0.014U	0.1295
SSHS-B231	SSHS-B231-SUB-2-4	7/27/2015	2-4	<0.77U	<0.95U	<1.3U	<0.96U	460J	160J	11J	<0.76U	<1.4U	631
SSHS-B231	SSHS-B231-SUB-4-6	7/27/2015	4-6	<0.038U,F1	<0.047U	<0.065U	<0.048U	8.1J	2.4J	0.27J	<0.038U	<0.07U	10.77
SSHS-B231	SSHS-B231-SUB-6-8	7/27/2015	6-8	<0.004U	<0.0049U	<0.0068U	<0.005U	0.04J	0.024J	<0.02U	<0.004U	<0.0073U	0.064
SSHS-B2310	SSHS-B2310-SUB-2-4	8/27/2018	2-4	<0.0063U	<0.013U	<0.011U	<0.012U	3	1.8	0.14	<0.0094U	<0.014U	4.973
SSHS-B2310	SSHS-B2310-SUB-4-6	8/27/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	5.1	2.3	0.19	<0.0093U	<0.014U	7.622
SSHS-B2314	SSHS-B2314-SUB-2-4	8/28/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.038	0.023	<0.0054U	<0.0092U	<0.013U	0.0949
SSHS-B2315	SSHS-B2315-SUB-2-4	8/29/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	4.7	2.4	0.38	<0.0087U	<0.013U	7.511
SSHS-B2316	SSHS-B2316-SUB-2-4	8/29/2018	2-4	<0.06U	<0.12U	<0.11U	<0.11U	20	8.9	1.7	<0.089U	<0.13U	30.91
SSHS-B2317	SSHS-B2317-SUB-2-4	8/29/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	3.1	2.3	0.55	<0.0095U	<0.014U	5.983
SSHS-B232	SSHS-B232-SUB-2-4	7/27/2015	2-4	<0.19U	<0.23U	<0.32U	<0.24U	70J	29J	3.5J	<0.19U	<0.35U	102.5
SSHS-B232	SSHS-B232-SUB-4-6	7/27/2015	4-6	<0.0039U	<0.0047U	<0.0065U	<0.0048U	0.0065J	<0.0045U	<0.0041U	<0.0038U	<0.007U	0.0065
SSHS-B232	SSHS-B232-SUB-6-8	7/27/2015	6-8	<0.004U	<0.0049U	<0.0068U	<0.005U	0.019J	0.0079J	<0.0043U	<0.0039U	<0.0072U	0.0269
SSHS-B232	SSHS-B232-SUB-8-10	7/27/2015	8-10	<0.004U	<0.0049U	<0.0068U	<0.005U	0.17J	0.096J	<0.02U	<0.004U	<0.0073U	0.266
SSHS-B2320	SSHS-B2320-SUB-2-4	8/29/2018	2-4	<0.03U	<0.061U	<0.055U	<0.056U	6.7	2.5	0.17	<0.045U	<0.066U	9.527
SSHS-B2321	SSHS-B2321-SUB-2-4	8/29/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.98	0.46	0.076	<0.009U	<0.013U	1.547
SSHS-B2326	SSHS-B2326-SUB-2-4	8/29/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	23	7.7	0.71	<0.091U	<0.13U	31.72
SSHS-B2329	SSHS-B2329-SUB-6-8	8/28/2018	6-8	<0.0065U	<0.013U	<0.012U	<0.012U	0.093	0.037	<0.0057U	<0.0098U	<0.014U	0.1665
SSHS-B233	SSHS-B233-SUB-2-4	7/28/2015	2-4	<0.38U	<0.47U	<0.65U	<0.48U	77J	28J	1.7J	<0.38U	<0.7U	106.7
SSHS-B233	SSHS-B233-SUB-4-6	7/28/2015	4-6	<0.078U	<0.096U	<0.13U	<0.097U	26J	9.4J	0.7J	<0.077U	<0.14U	36.1
SSHS-B233	SSHS-B233-SUB-6-8	7/28/2015	6-8	<0.0041U	<0.005U	<0.0069U	<0.005U	0.015J	<0.0048U	0.005J	<0.004U	<0.0074U	0.02
SSHS-B233	SSHS-B233-SUB-8-10	7/28/2015	8-10	<0.0038U	<0.0047U	<0.0064U	<0.0047U	4.3J	1.4J	0.11J	<0.0038U	<0.0069U	5.81
SSHS-B2330	SSHS-B2330-SUB-4-6	8/28/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	5.6	2.2	0.14	<0.0092U	<0.013U	7.971
SSHS-B2331	SSHS-B2331-SUB-2-4	8/29/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	2	1.1	0.18	<0.0093U	<0.013U	3.311
SSHS-B2333	SSHS-B2333-SUB-2-4	8/29/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	1.3	0.75	0.14	<0.009U	<0.013U	2.221
SSHS-B2333	SSHS-B2333-SUB-4-6	8/29/2018	4-6	<0.006U	<0.012U	<0.011U	<0.011U	1.2	0.7	0.13	<0.0089U	<0.013U	2.061
SSHS-B2334	SSHS-B2334-SUB-2-4	8/29/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	4.5	2.2	0.44	<0.0093U	<0.013U	7.171
SSHS-B2335	SSHS-B2335-SUB-2-4	8/29/2018	2-4	<0.03U	<0.06U	<0.055U	<0.056U	7.6	3.6	0.67	<0.045U	<0.065U	12.03
SSHS-B2336	SSHS-B2336-SUB-2-4	8/28/2018	2-4	<0.062U	<0.12U	<0.11U	<0.11U	25	11	1.2	<0.093U	<0.13U	37.51
SSHS-B2337	SSHS-B2337-SUB-2-4	8/29/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	4	2.2	0.61	<0.0089U	<0.013U	6.841
SSHS-B2338	SSHS-B2338-SUB-2-4	8/28/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.012U	3.3	1.7	0.37	<0.0093U	<0.013U	5.402
SSHS-B2339	SSHS-B2339-SUB-2-4	8/28/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	1.6	0.92	0.17	<0.0098U	<0.014U	2.724
SSHS-B2340	SSHS-B2340-SUB-2-4	8/28/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	3.3	3	0.51	<0.0092U	<0.013U	6.841
SSHS-B2341	SSHS-B2341-SUB-2-4	8/30/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	1.4	0.6	0.12	<0.0087U	<0.013U	2.151
SSHS-B2341	SSHS-B2341-SUB-6-8	8/30/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	4.2	1.7	0.31	<0.0093U	<0.013U	6.241
SSHS-B2341	SSHS-B2341-SUB-8-10	8/30/2018	8-10	<0.0067U	<0.013U	<0.012U	<0.012U	2.1	0.81	0.14	<0.01U	<0.014U	3.084
SSHS-B2343	SSHS-B2343-SUB-2-4	8/27/2018	2-4	<0.61U	<1.2U	<1.1U	<1.1U	140	49	2	<0.91U	<1.3U	194.1
SSHS-B2343	SSHS-B2343-SUB-4-6	8/27/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	3.2	1.8	0.12	<0.0094U	<0.014U	5.152
SSHS-B2344	SSHS-B2344-SUB-2-4	8/27/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	15	6	0.31	<0.092U	<0.13U	21.62
SSHS-B2344	SSHS-B2344-SUB-4-6	8/27/2018	4-6	<0.0061U	<0.012U	<0.011U	<0.011U	0.044	0.02	<0.0054U	<0.0091U	<0.013U	0.0978
SSHS-B2346	SSHS-B2346-SUB-2-4	8/28/2018	2-4	<0.32U	<0.64U	<0.59U	<0.59U	51	13	1.2	<0.48U	<0.69U	66.86
SSHS-B234A	SSHS-B234A-SUB-2-4	7/28/2015	2-4	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.39J	0.35J	0.11J	<0.0037U	<0.0067U	0.85
SSHS-B234A	SSHS-B234A-SUB-4-6	7/28/2015	4-6	<0.19U	<0.24U	<0.33U	<0.24U	42J	17J	1.4J	<0.19U	<0.35U	60.4
SSHS-B234A	SSHS-B234A-SUB-6-8	7/28/2015	6-8	<0.44U	<0.54U	<0.75U	<0.55U	200J	78J	7.3J	<0.43U	<0.8U	285.3
SSHS-B2350	SSHS-B2350-SUB-2-4	8/27/2018	2-4	<0.25U	<0.51U	<0.46U	<0.47U	66	27	1.6	<0.38U	<0.55U	95.91
SSHS-B2352	SSHS-B2352-SUB-2-4	8/27/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	<0.015U	0.12	0.038	<0.009U	<0.013U	0.1965
SSHS-B2352	SSHS-B2352-SUB-4-6	8/27/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0054U	<0.0093U	<0.013U	<0.0959
SSHS-B2353	SSHS-B2353-SUB-2-4	8/27/2018	2-4	<0.03U	<0.06U	<0.055U	<0.056U	8.1	3.6	0.22	<0.045U	<0.065U	12.08
SSHS-B2353	SSHS-B2353-SUB-4-6	8/27/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.024	0.018J	<0.0054U	<0.0092U	<0.013U	0.0759
SSHS-B2354	SSHS-B2354-SUB-2-4	8/27/2018	2-4	<0.061U	<0.12U	<0.11U	<0.11U	15	9.5	0.87	<0.091U	<0.13U	25.68
SSHS-B2354	SSHS-B2354-SUB-4-6	8/27/2018	4-6	<0.0065U	<0.013U	<0.012U	<0.012U	0.35	0.2	<0.0057U	<0.0098U	<0.014U	0.5865
SSHS-B2356	SSHS-B2356-SUB-2-4	8/28/2018	2-4	<0.03U	<0.06U	<0.055U	<0.056U	12	4.6	0.36	<0.045U	<0.066U	17.12
SSHS-B2356	SSHS-B2356-SUB-4-6	8/28/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	4.7	1.9	0.15	<0.0098U	<0.014U	6.784
SSHS-B2357	SSHS-B2357-SUB-2-4	8/28/2018	2-4	<0.066U,F1	<0.13U	<0.12U	<0.12U	11	3	0.56	<0.098U	<0.14U	14.9
SSHS-B2358	SSHS-B2358-SUB-4-6	8/29/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.027	<0.013U	<0.0054U	<0.0092U	<0.013U	0.0674
SSHS-B2360	SSHS-B2360-SUB-2-4	8/27/2018	2-4	<0.062U	<0.12U	<0.11U	<0.12U	13	5.4	0.2	<0.093U	<0.13U	18.92
SSHS-B2360	SSHS-B2360-SUB-4-6	8/27/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	1.4	0.54	0.021	<0.0093U	<0.014U	1.993
SSHS-B2362	SSHS-B2362-SUB-4-6	8/28/2018	4-6	<0.063U	<0.13U	<0.11U	<0.12U	18	3.7	0.37	<0.094U	<0.14U	22.4
SSHS-B2367	SSHS-B2367-SUB-6-8	8/29/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.011U	0.089	0.039	<0.0055U	<0.0093U	<0.013U	0.162
SSHS-B2368	SSHS-B2368-SUB-6-8	8/29/2018	6-8	<0.0062U	<0.012U	<0.011U	<0.012U	0.046	0.023	<0.0055U	<0.0093U	<0.013U	0.1035
SSHS-B2369	SSHS-B2369-SUB-6-8	8/29/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.49	0.19	<0.0056U	<0.0095U	<0.014U	0.7163
SSHS-B237	SSHS-B237-SUB-2-4	7/27/2015	2-4	<0.0039U	<0.0048U	<0.0066U	<0.0049U	1.9J	0.79J	0.087J	<0.0039U	<0.0071U	2.777
SSHS-B2382	SSHS-B2382-SUB-2-4	8/28/2018	2-4	<0.0057U	<0.011U	<0.01U	<0.011U	1.6	0.89	0.12	<0.0086U	<0.012U	2.639
SSHS-B2382	SSHS-B2382-SUB-6-8	8/28/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.021	<0.013U	<0.0053U	<0.0091U	<0.013U	0.06125
SSHS-B2385	SSHS-B2385-SUB-2-4	8/30/2018	2-4	<0.0066U	<0.013U	<0.012U	<0.012U	<0.016U	0.38	0.086	<0.0098U	<0.014U	0.5077
SSHS-B2386	SSHS-B2386-SUB-2-4	8/30/2018	2-4	<0.032U	<0.063U	<0.058U	<0.058U	5.3	1.8	0.35	<0.047U	<0.068U	7.613

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B239A	SSHS-B239A-SUB-2-4	7/27/2015	2-4	<0.2U	<0.24U	<0.33U	<0.24U	120J	45J	2.4J	<0.19U	<0.36U	167.4
SSHS-B239A	SSHS-B239A-SUB-4-6	7/27/2015	4-6	-	-	-	-	-	3.3J	0.84J	-	-	4.14
SSHS-B24	B23401T2	7/11/2000	2-2.5	<0.037U	<0.037U	<0.037U	<0.037U	0.057	<0.037U	<0.037U	-	-	0.057
SSHS-B240	SSHS-B240-SUB-2-4	7/27/2015	2-4	<0.019U	<0.024U	<0.033U	<0.024U	7.5J	4.2J	0.65J	<0.019U	<0.035U	12.35
SSHS-B2411	SSHS-B2411-SUB-6-8	8/27/2018	6-8	<0.0058U	<0.012U	<0.011U	<0.011U	0.18	0.077	<0.0051U	<0.0087U	<0.013U	0.2903
SSHS-B2411	SSHS-B2411-SUB-8-10	8/27/2018	8-10	<0.0057U	<0.011U	<0.01U	<0.011U	0.51	0.22	<0.005U	<0.0085U	<0.012U	0.7616
SSHS-B242	SSHS-B242-SUB-2-4	7/27/2015	2-4	<0.4U	<0.49U	<0.67U	<0.49U	210J	73J	7.1J	<0.39U	<0.72U	290.1
SSHS-B243	SSHS-B243-SUB-2-4	7/30/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.1J	0.72J	0.13J	<0.0038U	<0.0069U	1.95
SSHS-B2456	SSHS-B2456-SUB-2-4	8/28/2018	2-4	<0.058U	<0.12U	<0.11U	<0.11U	5.9	1.7	0.39	<0.087U	<0.13U	8.298
SSHS-B2456	SSHS-B2456-SUB-6-8	8/28/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.011U	0.024	<0.012U	<0.005U	<0.0085U	<0.012U	0.0616
SSHS-B2458	SSHS-B2458-SUB-2-4	8/28/2018	2-4	<0.0057U	<0.011U	<0.01U	<0.011U	4.5	2	0.29	<0.0085U	<0.012U	6.819
SSHS-B2458	SSHS-B2458-SUB-6-8	8/28/2018	6-8	<0.0057U	<0.011U	<0.01U	<0.011U	3.5	1.5	0.2	<0.0085U	<0.012U	5.229
SSHS-B246	SSHS-B246-SUB-2-4	7/30/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0046U	0.065J	0.049J	0.012J	<0.0037U	<0.0068U	0.126
SSHS-B247	SSHS-B247-SUB-2-4	7/20/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.5J	1.4J	0.19J	<0.0037U	<0.0067U	4.09
SSHS-B247	SSHS-B247-SUB-4-6	7/20/2015	4-6	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.42J	0.22J	0.027J	<0.0036U	<0.0066U	0.667
SSHS-B247	SSHS-B247-SUB-6-8	7/20/2015	6-8	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.066J	0.023J	0.0044J	<0.0036U	<0.0066U	0.0934
SSHS-B2473	SSHS-B2473-SUB-2-4	8/28/2018	2-4	<0.0057U	<0.011U	<0.01U	<0.01U	1.6	0.72	0.15	<0.0085U	<0.012U	2.499
SSHS-B2473	SSHS-B2473-SUB-6-8	8/28/2018	6-8	<0.0058U	<0.011U	<0.01U	<0.011U	2.5	0.9	0.19	<0.0086U	<0.012U	3.619
SSHS-B247A	SSHS-B247A-SUB-4-6	7/11/2017	4-6	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.014J	<0.008U	<0.012U	<0.0055U	<0.013U	0.05335
SSHS-B248	SSHS-B248-SUB-2-4	7/20/2015	2-4	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.14J	0.1J	0.021J	<0.0037U	<0.0069U	0.261
SSHS-B248	SSHS-B248-SUB-4-6	7/20/2015	4-6	<0.0037U	<0.0046U	<0.0063U	<0.0046U	3.2J	1.8J	0.5J	<0.0037U	<0.0068U	5.5
SSHS-B248	SSHS-B248-SUB-6-8	7/20/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.085J	0.25J	0.58J	<0.0039U	<0.0072U	0.915
SSHS-B248A	SSHS-B248A-SUB-4-6	7/11/2017	4-6	<0.0099U	<0.0097U	<0.0074U	<0.015U	4.6	2.1	0.25	<0.0057U	<0.013U	6.98
SSHS-B249	SSHS-B249-SUB-2-4	7/30/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	0.28J	0.17J	0.037J	<0.0038U	<0.0069U	0.487
SSHS-B25	B23437	5/9/2000	8-12	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-B250	SSHS-B250-SUB-2-4	7/30/2015	2-4	<0.018U,F1	<0.022U	<0.03U	<0.022U	9.8J	4.4J	0.74J	<0.018U	<0.033U	14.94
SSHS-B2507	SSHS-B2507-SUB-2-4	10/31/2018	2-4	<0.0065U	<0.013U	<0.012U	<0.012U	0.43J	0.61J	0.087J	<0.0097U	<0.014U	1.161
SSHS-B2508	SSHS-B2508-SUB-2-4	10/31/2018	2-4	<0.031U	<0.062U	<0.056U	<0.057U	9.3J	4.3J	0.29J	<0.046U	<0.067U	14.05
SSHS-B2509	SSHS-B2509-SUB-2-4	10/31/2018	2-4	<0.0063U	<0.012U	<0.011U	<0.012U	0.63J	0.51J	0.076J	<0.0094U	<0.014U	1.248
SSHS-B251	SSHS-B251-SUB-2-3	7/20/2015	2-3	<0.0037U	<0.0046U	<0.0063U	<0.0046U	6J	2J	0.35J	<0.0037U	<0.0068U	8.35
SSHS-B2510	SSHS-B2510-SUB-2-4	10/31/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.74J	0.56J	0.067J	<0.0089U	<0.013U	1.398
SSHS-B2511	SSHS-B2511-SUB-2-4	10/31/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	1.2J	0.51J	0.051J	<0.009U	<0.013U	1.792
SSHS-B2512	SSHS-B2512-SUB-2-4	10/31/2018	2-4	<0.0063U	<0.013U	<0.012U	<0.012U	0.6J	0.75J	0.1J	<0.0094U	<0.014U	1.483
SSHS-B2513	SSHS-B2513-SUB-4-6	10/29/2018	4-6	<0.0057U	<0.011U	<0.01U	<0.01U	0.37J	0.12J	0.034J	<0.0085U	<0.012U	0.5526
SSHS-B2514	SSHS-B2514-SUB-2-4	10/31/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	0.35J	0.25J	0.034J	<0.0095U	<0.014U	0.6675
SSHS-B2515	SSHS-B2515-SUB-2-4	10/31/2018	2-4	<0.25U	<0.5U	<0.46U	<0.46U	70J	26J	1.7J	<0.37U	<0.54U	98.99
SSHS-B2516	SSHS-B2516-SUB-2-4	10/31/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	3.5J	1.7J	0.16J	<0.0091U	<0.013U	5.391
SSHS-B2517	SSHS-B2517-SUB-2-4	10/31/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	1.3J	1.3J	0.21J	<0.0092U	<0.013U	2.841
SSHS-B2518	SSHS-B2518-SUB-2-4	10/31/2018	2-4	<0.0062U	<0.012U	<0.011U	<0.011U	0.078J	0.11J	0.036J	<0.0093U	<0.013U	0.2553
SSHS-B2519	SSHS-B2519-SUB-2-4	10/30/2018	2-4	<0.12U	<0.24U	<0.22U	<0.22U	33J	14J	1.1J	<0.18U	<0.26U	48.72
SSHS-B252	SSHS-B252-SUB-2-4	7/20/2015	2-4	<0.0037U	<0.0045U	<0.0063U	<0.0046U	0.059J	0.047J	0.012J	<0.0037U	<0.0067U	0.118
SSHS-B252	SSHS-B252-SUB-4-6	7/20/2015	4-6	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.42J	0.26J	0.052J	<0.0036U	<0.0067U	0.732
SSHS-B252	SSHS-B252-SUB-6-8	7/20/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0044U	<0.0044U	<0.0042U	<0.0039U	<0.0035U	<0.0065U	<0
SSHS-B2520	SSHS-B2520-SUB-2-4	10/29/2018	2-4	<0.0057U	<0.011U	<0.01U	<0.01U	0.18J	0.082J	0.02J	<0.0085U	<0.012U	0.3106
SSHS-B2521	SSHS-B2521-SUB-2-4	10/29/2018	2-4	<0.006U	<0.012U	<0.011U	<0.011U	0.61J	0.53J	0.17J	<0.009U	<0.013U	1.341
SSHS-B2522	SSHS-B2522-SUB-2-4	10/29/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.35J	0.13J	0.028J	<0.0088U	<0.013U	0.5389
SSHS-B2522	SSHS-B2522-SUB-4-6	10/29/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.63J	0.18J	0.035J	<0.0089U	<0.013U	0.8759
SSHS-B2523	SSHS-B2523-SUB-2-4	10/29/2018	2-4	<0.0058U	<0.012U	<0.011U	<0.011U	1.3J	0.85J	0.26J	<0.0087U	<0.013U	2.441
SSHS-B2523	SSHS-B2523-SUB-4-6	10/29/2018	4-6	<0.0058U	<0.012U	<0.011U	<0.011U	0.051J	0.022J	<0.0051U	<0.0086U	<0.012U	0.1058
SSHS-B2524	SSHS-B2524-SUB-2-4	10/29/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	0.5J	0.23J	0.067J	<0.0088U	<0.013U	0.8279
SSHS-B2525	SSHS-B2525-SUB-4-6	10/31/2018	4-6	<0.0064U	<0.013U	<0.012U	<0.012U	0.43J	0.55J	0.098J	<0.0096U	<0.014U	1.112
SSHS-B2526	SSHS-B2526-SUB-4-6	10/31/2018	4-6	<0.0063U	<0.013U	<0.011U	<0.012U	2.6J	1.1J	0.12J	<0.0094U	<0.014U	3.853
SSHS-B2527	SSHS-B2527-SUB-10-12	10/30/2018	10-12	<0.0061U	<0.012U	<0.011U	<0.011U	0.43J	0.15J	0.011J	<0.0091U	<0.013U	0.6221
SSHS-B2527	SSHS-B2527-SUB-12-14	10/30/2018	12-14	<0.0063U	<0.012U	<0.011U	<0.012U	0.83J	0.38J	0.035J	<0.0093U	<0.014U	1.277
SSHS-B2527	SSHS-B2527-SUB-14-16	10/30/2018	14-16	<0.0061U	<0.012U	<0.011U	<0.011U	<0.015U	<0.013U	<0.0053U	<0.0091U	<0.013U	<0.0955
SSHS-B2527	SSHS-B2527-SUB-6-8	10/30/2018	6-8	<0.0061U	<0.012U	<0.011U	<0.011U	0.56J	0.31J	0.033J	<0.0091U	<0.013U	0.9341
SSHS-B2527	SSHS-B2527-SUB-8-10	10/30/2018	8-10	<0.0063U	<0.013U	<0.012U	<0.012U	0.48J	0.25J	0.022J	<0.0094U	<0.014U	0.7854
SSHS-B2529	SSHS-B2529-SUB-4-6	10/29/2018	4-6	<0.031U	<0.061U	<0.056U	<0.057U	7.6J	2.4J	0.64J	<0.046U	<0.067U	10.8
SSHS-B253	SSHS-B253-SUB-2-4	7/30/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.046J	0.063J	0.019J	<0.0037U	<0.0068U	0.128
SSHS-B2530	SSHS-B2530-SUB-4-6	10/29/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	1.9J	0.69J	0.27J	<0.0088U	<0.013U	2.891
SSHS-B2532	SSHS-B2532-SUB-10-12	10/29/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.021	<0.012U	<0.0052U	<0.0088U	<0.013U	0.06045
SSHS-B2532	SSHS-B2532-SUB-14-16	10/29/2018	14-16	<0.0059U	<0.012U	<0.011U	<0.011U	0.015J	<0.013U	<0.0052U	<0.0089U	<0.013U	0.055
SSHS-B2532	SSHS-B2532-SUB-2-4	10/29/2018	2-4	<0.0067U	<0.013U	<0.012U	<0.012U	0.078J	0.018J	<0.0058U	<0.0099U	<0.014U	0.1327
SSHS-B2532	SSHS-B2532-SUB-4-6	10/29/2018	4-6	<0.0066U	<0.013U	<0.012U	<0.012U	0.04	<0.014U	<0.0057U	<0.0098U	<0.014U	0.08355
SSHS-B2532	SSHS-B2532-SUB-6-8	10/29/2018	6-8	<0.0064U	<0.013U	<0.012U	<0.012U	0.16J	0.038J	<0.0056U	<0.0095U	<0.014U	0.2343
SSHS-B2532	SSHS-B2532-SUB-8-10	10/29/2018	8-10	<0.0064U	<0.013U	<0.012U	<0.012U	0.11J	0.026J	<0.0056U	<0.0096U	<0.014U	0.1723
SSHS-B2533	SSHS-B2533-SUB-10-12	10/30/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.04J	0.033J	<0.0052U	<0.0089U	<0.013U	0.1065
SSHS-B2533	SSHS-B2533-SUB-12-14	10/30/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	0.037J	0.031J	0.0053J	<0.0087U	<0.013U	0.1041
SSHS-B2533	SSHS-B2533-SUB-14-16	10/30/2018	14-16	<0.0063U	<0.013U	<0.012U	<0.012U	<0.015U	<0.013U	<0.0055U	<0.0094U	<0.014U	<0.1002
SSHS-B2534	SSHS-B2534-SUB-10-12	10/30/2018	10-12	<0.0059U	<0.012U	<0.011U	<0.011U	0.58J	0.61J	0.097J	<0.0088U	<0.013U	1.318
SSHS-B2534	SSHS-B2534-SUB-12-14	10/30/2018	12-14	<0.0059U	<0.012U	<0.011U	<0.011U	0.2J	0.22J	0.038J	<0.0088U	<0.013U	0.4889
SSHS-B2534	SSHS-B2534-SUB-14-16	10/30/2018	14-16	<0.0059U	<0.012U	<0.011U	<0.011U	0.051J	0.062J	0.013J	<0.0088U	<0.013U	0.1569
SSHS-B2535	SSHS-B2535-SUB-10-12	10/30/2018	10-12	<0.006U	<0.012U	<0.011U	<0.011U	1.8J	0.83J	0.072J	<0.0089U	<0.013U	2.733
SSHS-B2535	SSHS-B2535-SUB-12-14	10/30/2018	12-14	<0.006U	<0.012U	<0.011U	<0.011U	0.067J	0.037J	0.0071J	<0.009U	<0.013U	0.1421
SSHS-B2535	SSHS-B2535-SUB-14-16	10/30/2018	14-16	<0.0063U	<0.013U	<0.011U	<0.012U	0.16J	0.066J	0.0074J	<0.0094U	<0.014U	0.2663
SSHS-B2536	SSHS-B2536-SUB-12-14	10/30/2018	12-14	<0.0058U	<0.012U	<0.011U	<0.011U	3.8J	2.2J	0.16J	<0.0087U	<0.013U	6.191
SSHS-B2539	SSHS-B2539-SUB-2-4	10/31/2018	2-4	<0.0064U	<0.013U	<0.012U	<0.012U	4.6J	2.5J	0.29J	<0.0096U	<0.014U	7.424
SSHS-B254	SSHS-B254-SUB-2-4	7/30/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.9J	0.31J	<0.0038U	<0.0069U	6.91
SSHS-B2540	SSHS-B2540-SUB-2-4	10/30/2018	2-4	<0.031U	<0.063U	<0.057U	<0.058U	7.7J	3.1J	0.47J	<0.047U	<0.068U	11.43
SSHS-B255	SSHS-B255-SUB-2-4	7/30/2015	2-4	<0.0037U	<0.0045U	<0.0062U	<0.0046U	0.0088J	0.024J	0.015J	<0.0036U	<0.0067U	0.0478
SSHS-B255	SSHS-B255-SUB-4-6	7/30/2015	4-6	<0.0038U	<0.0047U	<0.0064U	<0.0047U	0.18J	0.098J	0.019J	<0.0038U	<0.0069U	0.297
SSHS-B255	SSHS-B255-SUB-6-8	7/30/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.005J	<0.0042U	<0.0039U	<0.0036U	<0.0065U	0.005
SSHS-B255A	SSHS-B255A-SUB-4-6	7/12/2017	4-6	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.049	0.021	<0.012U	<0.0055U	<0.013U	0.1053
SSHS-B255A	SSHS-B255A-SUB-6-8	7/12/2017	6-8	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
SSHS-B256	SSHS-B256-SUB-2-4	7/20/2015	2-4	<0.004U	<0.0049U	<0.0067U	<0.0049U	0.81J	0.36J	0.048J	<0.0039U	<0.0072U	1.218
SSHS-B256	SSHS-B256-SUB-4-6	7/20/2015	4-6	<0.19U	<0.23U	<0.32U	<0.23U	63J	25J	2.4J	<0.19U	<0.34U	90.4
SSHS-B256	SSHS-B256-SUB-6-8	7/20/2015	6-8	<0.0036U	<0.0044U	<0.0061U	<0.0044U	0.053J	0.026J	0.0073J	<0.0035U	<0.0065U	0.0863
SSHS-B257	SSHS-B257-SUB-2-4	7/30/2015	2-4	<0.019U,F1	<0.023U	<0.032U	<0.023U	8J	<0.022U	0.58J	<0.019U	<0.034U	8.58
SSHS-B257	SSHS-B257-SUB-4-6	7/30/2015	4-6	<0.077U	<0.094U	<0.13U	<0.095U	38J	18J	3.1J	<0.076U	<0.14U	59.1
SSHS-B257	SSHS-B257-SUB-6-8	7/30/2015	6-8	<0.038U	<0.046U	<0.064U	<0.047U	16J	8J	1.3J	<0.037U	<0.068U	25.3
SSHS-B257	SSHS-B257-SUB-8-10	7/30/2015	8-10	<0.0037U	<0.0045U	<0.0062U	<0.0046U	5J	2.3J	0.47J	<0.0036U	<0.0067U	7.77
SSHS-B259	SSHS-B259-SUB-2-4	7/29/2015	2-4	<0.08U	<0.098U	<0.13U	<0.099U	35J	7.7J	1.4J	<0.079U	<0.14U	44.1
SSHS-B26	B23426	5/8/2000	4-6	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
SSHS-B260	SSHS-B260-SUB-2-4	7/29/2015	2-4	<0.19U	<0.23U	<0.32U	<0.23U	44J	17J	1.9J	<0.18U	<0.34U	62.9
SSHS-B260	SSHS-B260-SUB-4-6	7/29/2015	4-6	<0.38U	<0.47U	<0.65U	<0.47U	83J	12J	3.8J	<0.38U	<0.69U	98.8
SSHS-B260	SSHS-B260-SUB-6-8	7/29/2015	6-8	<0.81U	<0.99U	<1.4U	<1U	1000J	130J	37J	<0.8U	<1.5U	1167
SSHS-B2600	SSHS-B2600-SUB-2-4	5/17/2019	2-4	<0.0062U	<0.0068U	<0.0047U	<0.0028U	0.42	0.48	0.1	<0.0026U	<0.0067U	1.015
SSHS-B2602	SSHS-B2602-SUB-2-4	5/17/2019	2-4	<0.32U	<0.35U	<0.24U	<0.15U	31	9.8	0.88J	<0.13U	<0.35U	42.45
SSHS-B2607	SSHS-B2607-SUB-4-6	5/15/2019	4-6	<0.0062U	<0.0067U	<0.0046U	<0.0028U	1.7	0.75	0.35	<0.0026U	<0.0067U	2.815
SSHS-B2608	SSHS-B2608-SUB-2-4	5/19/2019	2-4	<0.0061U	<0.0067U	<0.0046U	<0.0028U	0.091	0.047	<0.0054U	<0.0025U	<0.0066U	0.1554
SSHS-B2609	SSHS-B2609-SUB-2-4	5/18/2019	2-4	<0.25U	<0.28U	<0.19U	<0.11U	100	23	6.5	<0.1U	<0.27U	130.1
SSHS-B261	SSHS-B261-SUB-2-4	7/17/2015	2-4	<0.038U	<0.046U	<0.064U	<0.047U	23J	9.3J	1.3J	<0.037U	<0.068U	33.6
SSHS-B261	SSHS-B261-SUB-4-6	7/17/2015	4-6	<0.004U	<0.0049U	<0.0067U	<0.0049U	3.6J	1.3J	0.19J	<0.0039U	<0.0072U	5.09
SSHS-B261	SSHS-B261-SUB-6-8	7/17/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0049U	<0.0048U	<0.0046U	<0.0042U	<0.0039U	<0.0071U	<0
SSHS-B2610	SSHS-B2610-SUB-2-4	5/20/2019	2-4	<0.0063U	<0.0068U	<0.0047U	<0.0028U	0.34	0.24	0.071	<0.0026U	<0.0068U	0.666
SSHS-B2611	SSHS-B2611-SUB-2-4	5/20/2019	2-4	<0.0064U	<0.0069U	<0.0048U	<0.0029U	0.44	0.29	0.13	<0.0026U	<0.0069U	0.8753
SSHS-B2612	SSHS-B2612-SUB-2-4	5/15/2019	2-4	<0.065U	<0.07U	<0.048U	<0.029U	24	10	4.8	<0.027U	<0.07U	38.95
SSHS-B2613	SSHS-B2613-SUB-6-8	5/15/2019	6-8	<0.0061U	<0.0067U	<0.0046U	<0.0028U	1.2	0.43	0.19	<0.0025U	<0.0066U	1.835
SSHS-B2614	SSHS-B2614-SUB-2-4	5/15/2019	2-4	<0.0066U	<0.0072U	<0.0049U	<0.003U	1.4	0.48	0.16	<0.0027U	<0.0071U	2.056
SSHS-B2615	SSHS-B2615-SUB-2-4	5/15/2019	2-4	<0.0059U	<0.0064U	<0.0044U	<0.0027U	1.3	0.49	0.19	<0.0024U	<0.0064U	1.994
SSHS-B2617	SSHS-B2617-SUB-2-4	5/15/2019	2-4	<0.006U	<0.0066U	<0.0045U	<0.0027U	0.56	0.25	0.1	<0.0025U	<0.0065U	0.9244
SSHS-B2618	SSHS-B2618-SUB-2-4	5/17/2019	2-4	<0.06U	<0.066U	<0.045U	<0.027U	9	3.2	0.75	<0.025U	<0.065U	13.09
SSHS-B2618	SSHS-B2618-SUB-4-6	5/17/2019	4-6	<0.062U	<0.067U	<0.046U	<0.028U	12	4.3	1.2	<0.026U	<0.067U	17.65
SSHS-B2619	SSHS-B2619-SUB-6-8	5/16/2019	6-8	<0.032U	<0.034U	<0.024U	<0.014U	6.7	2.3	0.83	<0.013U	<0.034U	9.906
SSHS-B262	SSHS-B262-SUB-2-4	7/29/2015	2-4	<0.079U	<0.097U	<0.13U	<0.098U	18J	2.1J	0.54J	<0.078U	<0.14U	20.64
SSHS-B262	SSHS-B262-SUB-4-6	7/29/2015	4-6	<0.0039U	<0.0048U	<0.0067U	<0.0049U	2.6J	1J	0.079J	<0.0039U	<0.0071U	3.679
SSHS-B262	SSHS-B262-SUB-6-8	7/29/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	0.016J	0.0077J	<0.004U	<0.0037U	<0.0067U	0.0237

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B2620	SSHS-B2620-SUB-6-8	5/16/2019	6-8	<0.006U	<0.0066U	<0.0045U	<0.0027U	3.1	1	0.38	<0.0025U	<0.0065U	4.494
SSHS-B2621	SSHS-B2621-SUB-2-4	5/15/2019	2-4	<0.031U	<0.034U	<0.023U	<0.014U	15	5.8	2.8	<0.013U	<0.034U	23.67
SSHS-B2621	SSHS-B2621-SUB-4-6	5/15/2019	4-6	<0.029U	<0.032U	<0.022U	<0.013U	7.6	3.6	1.6	<0.012U	<0.031U	12.87
SSHS-B2625	SSHS-B2625-SUB-2-4	5/16/2019	2-4	<0.0061U	<0.0067U	<0.0046U	<0.0028U	3.5	1.6	0.52	<0.0025U	<0.0066U	5.635
SSHS-B2625	SSHS-B2625-SUB-4-6	5/16/2019	4-6	<0.006U	<0.0065U	<0.0045U	<0.0027U	0.14	0.048	<0.0052U	<0.0025U	<0.0064U	0.2049
SSHS-B2626	SSHS-B2626-SUB-4-6	5/17/2019	4-6	<0.0064U	<0.0069U	<0.0048U	<0.0029U	0.028	0.016J	<0.0056U	<0.0026U	<0.0069U	0.06205
SSHS-B2627	SSHS-B2627-SUB-2-4	5/18/2019	2-4	<0.0061U	<0.0066U	<0.0046U	<0.0027U	0.99	0.23	0.06	<0.0025U	<0.0066U	1.295
SSHS-B2629	SSHS-B2629-SUB-10-12	4/25/2019	10-12	<0.029U	<0.032U	<0.022U	<0.013U	9.4	3.3	0.96	<0.012U	<0.031U	13.73
SSHS-B2629	SSHS-B2629-SUB-14-16	4/25/2019	14-16	<0.0059U	<0.0064U	<0.0044U	<0.0026U	2.9	0.86	0.29	<0.0024U	<0.0063U	4.064
SSHS-B2629	SSHS-B2629-SUB-2-4	4/25/2019	2-4	<0.006U	<0.0065U	<0.0045U	<0.0027U	0.76	0.24	0.068	<0.0025U	<0.0065U	1.082
SSHS-B2629	SSHS-B2629-SUB-4-6	4/25/2019	4-6	<0.0059U	<0.0064U	<0.0044U	<0.0026U	3.5	0.89	0.28	<0.0024U	<0.0063U	4.684
SSHS-B2629	SSHS-B2629-SUB-6-8	4/25/2019	6-8	<0.0061U	<0.0066U	<0.0045U	<0.0027U	5.2	1.5	0.53	<0.0025U	<0.0066U	7.245
SSHS-B2629	SSHS-B2629-SUB-8-10	4/25/2019	8-10	<0.0058U	<0.0064U	<0.0044U	<0.0026U	1.8	0.51	0.16	<0.0024U	<0.0063U	2.484
SSHS-B2632	SSHS-B2632-SUB-12-14	5/20/2019	12-14	<0.0062U,F2,F1	<0.0067U	<0.0046U	<0.0028U	1.1B	0.27	0.06	<0.0025U	<0.0067U	1.445
SSHS-B2634	SSHS-B2634-SUB-12-14	4/24/2019	12-14	<0.0059U	<0.0064U	<0.0044U	<0.0027U	4.8	1.3	0.23	<0.0024U	<0.0064U	6.344
SSHS-B2634	SSHS-B2634-SUB-6-8	4/24/2019	6-8	<0.06U	<0.066U	<0.045U	<0.027U	15	4.7	0.94	<0.025U	<0.065U	20.78
SSHS-B2636	SSHS-B2636-SUB-2-4	5/15/2019	2-4	<0.029U	<0.032U	<0.022U	<0.013U	8.6	3	1.1	<0.012U	<0.031U	12.77
SSHS-B2637	SSHS-B2637-SUB-12-14	4/24/2019	12-14	<0.031U	<0.034U	<0.023U	<0.014U	9	2.9	0.66	<0.013U	<0.034U	12.63
SSHS-B2637	SSHS-B2637-SUB-2-4	4/24/2019	2-4	<0.059U	<0.065U	<0.045U	<0.027U	16	5.5	0.93	<0.025U	<0.064U	22.57
SSHS-B2637	SSHS-B2637-SUB-4-6	4/24/2019	4-6	<0.6U,F1	<0.65U	<0.45U	<0.27U	88	28	4.4F1	<0.25U	<0.65U	121.8
SSHS-B2637	SSHS-B2637-SUB-8-10	4/24/2019	8-10	<0.12U	<0.13U	<0.086U	<0.052U	27	8.4	1.9	<0.048U	<0.12U	37.58
SSHS-B2639	SSHS-B2639-SUB-2-4	5/19/2019	2-4	<0.031U	<0.033U	<0.023U	<0.014U	18	4	1.2	<0.013U	<0.033U	23.27
SSHS-B264	SSHS-B264-SUB-2-3	7/17/2015	2-3	<0.036U	<0.044U	<0.061U	<0.045U	15J	7.3J	0.85J	<0.036U	<0.065U	23.15
SSHS-B2642	SSHS-B2642-SUB-2-4	5/19/2019	2-4	<0.0061U	<0.0066U	<0.0046U	<0.0027U	4.6	1.1	0.31	<0.0025U	<0.0066U	6.025
SSHS-B2643	SSHS-B2643-SUB-2-4	5/19/2019	2-4	<0.0063U	<0.0068U	<0.0047U	<0.0028U	0.09	0.35	0.17	<0.0026U	<0.0068U	0.625
SSHS-B2644	SSHS-B2644-SUB-2-4	5/22/2019	2-4	<0.0072U	<0.0079U	<0.0054U	<0.0033U	3.7B	1	0.33	<0.003U	<0.0078U	5.047
SSHS-B2645	SSHS-B2645-SUB-2-4	5/21/2019	2-4	<0.0064U	<0.0069U	<0.0048U	<0.0029U	0.068p	0.07	0.02	<0.0026U	<0.0069U	0.1733
SSHS-B2646	SSHS-B2646-SUB-2-4	5/19/2019	2-4	<0.13U	<0.14U	<0.094U	<0.057U	20	5.4	1.7	<0.052U	<0.14U	27.41
SSHS-B2648	SSHS-B2648-SUB-4-6	5/16/2019	4-6	<0.006U	<0.0065U	<0.0045U	<0.0027U	0.41	0.12	<0.0053U	<0.0025U	<0.0065U	0.547
SSHS-B2648	SSHS-B2648-SUB-6-8	5/16/2019	6-8	<0.0067U	<0.0073U	0.23	<0.003U	0.21	0.055	<0.0059U	<0.0028U	<0.0073U	0.5115
SSHS-B2649	SSHS-B2649-SUB-2-4	5/17/2019	2-4	<0.12U	<0.13U	<0.092U	<0.055U	26	8.1	1.3	<0.051U	<0.13U	35.69
SSHS-B2649	SSHS-B2649-SUB-4-6	5/17/2019	4-6	<0.0064U,F1	<0.0069U	<0.0048U	<0.0029U	1.6	0.28	0.061	<0.0026U	<0.0069U	1.956
SSHS-B2649	SSHS-B2649-SUB-6-8	5/17/2019	6-8	<0.0061U	<0.0067U	<0.0046U	<0.0028U	1.9	0.34	0.061	<0.0025U	<0.0066U	2.316
SSHS-B265	SSHS-B265-SUB-2-4	7/17/2015	2-4	<0.037U	<0.046U	<0.063U	<0.046U	23J	8.2J	1.1J	<0.037U	<0.067U	32.3
SSHS-B265	SSHS-B265-SUB-4-6	7/17/2015	4-6	<0.0039U	<0.0048U	<0.0066U	<0.0048U	1.5J	0.48J	0.057J	<0.0038U	<0.007U	2.037
SSHS-B265	SSHS-B265-SUB-6-8	7/17/2015	6-8	<0.004U	<0.0049U	<0.0068U	<0.005U	<0.0049U	<0.0047U	<0.0043U	<0.004U	<0.0073U	<0
SSHS-B2650	SSHS-B2650-SUB-4-6	5/14/2019	4-6	<0.0065U	<0.007U	<0.0048U	<0.0029U	0.26	0.16	0.076	<0.0027U	<0.007U	0.5115
SSHS-B2651	SSHS-B2651-SUB-4-6	5/18/2019	4-6	<0.006U,F1	<0.0065U	<0.0045U	<0.0027U	4.8	1.4	0.35	<0.0025U	<0.0065U	6.564
SSHS-B2652	SSHS-B2652-SUB-4-6	5/15/2019	4-6	<0.0065U	<0.0071U	<0.0049U	<0.0029U	3.5	1.4	0.66	<0.0027U	<0.007U	5.576
SSHS-B2653	SSHS-B2653-SUB-4-6	5/19/2019	4-6	<0.034U	<0.037U	<0.025U	<0.015U	7	2.7	0.81	<0.014U	<0.036U	10.59
SSHS-B2654	SSHS-B2654-SUB-4-6	5/18/2019	4-6	<0.25U	<0.27U	<0.19U	<0.11U	110	19	4.8	<0.1U	<0.27U	134.4
SSHS-B2655	SSHS-B2655-SUB-4-6	5/18/2019	4-6	<0.0061U	<0.0066U	<0.0045U	<0.0027U	0.18	0.053	<0.0053U	<0.0025U	<0.0065U	0.2501
SSHS-B2656	SSHS-B2656-SUB-4-6	5/18/2019	4-6	<0.063U	<0.068U	<0.047U	<0.028U	24	5.5	1.7	<0.026U	<0.068U	31.35
SSHS-B2657	SSHS-B2657-SUB-4-6	5/18/2019	4-6	<0.032U	<0.035U	<0.024U	<0.015U	11	3.9	1.2	<0.013U	<0.035U	16.18
SSHS-B2658	SSHS-B2658-SUB-4-6	5/18/2019	4-6	<0.0066U	<0.0072U	<0.0049U	<0.003U	2	0.52	0.13	<0.0027U	<0.0071U	2.666
SSHS-B2659	SSHS-B2659-SUB-4-6	5/18/2019	4-6	<0.0063U	<0.0068U	<0.0047U	<0.0028U	0.15	0.048	<0.0055U	<0.0026U	<0.0068U	0.2158
SSHS-B266	SSHS-B266-SUB-2-4	7/17/2015	2-4	<0.02U	<0.025U	<0.034U	<0.025U	8.5J	3.1J	0.32J	<0.02U	<0.037U	11.92
SSHS-B266	SSHS-B266-SUB-4-6	7/17/2015	4-6	<0.18U	<0.23U	<0.31U	<0.23U	44J	18J	2.7J	<0.18U	<0.33U	64.7
SSHS-B266	SSHS-B266-SUB-6-8	7/17/2015	6-8	<0.39U	<0.47U	<0.65U	<0.48U	170J	66J	11J	<0.38U	<0.7U	247
SSHS-B2660	SSHS-B2660-SUB-2-4	4/25/2019	2-4	<0.0057U	<0.0062U	<0.0042U	<0.0026U	0.45	0.15	0.045	<0.0023U	<0.0061U	0.6586
SSHS-B2660	SSHS-B2660-SUB-4-6	4/25/2019	4-6	<0.0063U	<0.0069U	<0.0047U	<0.0028U	0.17	0.058	<0.0055U	<0.0026U	<0.0068U	0.2458
SSHS-B2661	SSHS-B2661-SUB-10-12	4/25/2019	10-12	<0.3U,F1	<0.33U	<0.23U	<0.14U	65	19	2.1F1	<0.13U	<0.33U	86.83
SSHS-B2661	SSHS-B2661-SUB-4-6	4/25/2019	4-6	<0.032U	<0.034U	<0.024U	<0.014U	11	3.9	0.79	<0.013U	<0.034U	15.77
SSHS-B2662	SSHS-B2662-SUB-4-6	5/14/2019	4-6	<0.029U	<0.032U	<0.022U	<0.013U	10	3.7	1.4	<0.012U	<0.032U	15.17
SSHS-B2662	SSHS-B2662-SUB-8-10	5/14/2019	8-10	<0.0058U	<0.0063U	<0.0043U	<0.0026U	3.3	0.9	0.33	<0.0024U	<0.0063U	4.544
SSHS-B2663	SSHS-B2663-SUB-4-6	5/20/2019	4-6	<0.0062U	<0.0068U	<0.0047U	<0.0028U	0.91	0.26	0.045	<0.0026U	<0.0067U	1.23
SSHS-B2664	SSHS-B2664-SUB-4-6	5/20/2019	4-6	<0.0064U	<0.007U	<0.0048U	<0.0029U	1.7	0.39	0.041	<0.0027U	<0.007U	2.146
SSHS-B2665	SSHS-B2665-SUB-4-6	5/20/2019	4-6	<0.0064U	<0.007U	<0.0048U	<0.0029U	<0.0047U	<0.0059U	<0.0056U	<0.0026U	<0.0069U	<0.0468
SSHS-B2666	SSHS-B2666-SUB-4-6	5/20/2019	4-6	<0.0062U	<0.0068U	<0.0047U	<0.0028U	<0.0046U	<0.0058U	<0.0055U	<0.0026U	<0.0068U	<0.0458
SSHS-B2667	SSHS-B2667-SUB-4-6	5/17/2019	4-6	<0.0066U	<0.0071U	<0.0049U	<0.0029U	0.23	0.18	0.03	<0.0027U	<0.0071U	0.4557
SSHS-B2668	SSHS-B2668-SUB-6-8	5/16/2019	6-8	<0.0061U	<0.0066U	<0.0045U	<0.0027U	1.4	0.52	0.13	<0.0025U	<0.0066U	2.065
SSHS-B266A	SSHS-B266A-SUB-8-10	7/29/2015	8-10	<0.039U	<0.048U	<0.066U	<0.048U	20J	4.7J	1J	<0.038U	<0.07U	25.7
SSHS-B267	SSHS-B267-SUB-2-4	7/30/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	1.2J	0.49J	0.073J	<0.0038U	<0.0069U	1.763
SSHS-B267	SSHS-B267-SUB-4-6	7/30/2015	4-6	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.13J	0.054J	0.0092J	<0.0039U	<0.0071U	0.1932
SSHS-B267	SSHS-B267-SUB-6-8	7/30/2015	6-8	<0.0038U	<0.0047U	<0.0065U	<0.0047U	<0.0047U	<0.0044U	<0.0041U	<0.0038U	<0.0069U	<0
SSHS-B2671	SSHS-B2671-SUB-6-8	5/18/2019	6-8	<0.0065U	<0.007U	<0.0048U	<0.0029U	1.8	0.51	0.2	<0.0027U	<0.007U	2.525
SSHS-B2672	SSHS-B2672-SUB-2-4	5/19/2019	2-4	<0.061U	<0.067U	<0.046U	<0.028U	21	4.5	0.68	<0.025U	<0.066U	26.33
SSHS-B2672	SSHS-B2672-SUB-6-8	5/19/2019	6-8	<0.0064U	<0.007U	<0.0048U	<0.0029U	3.6	1.3	0.47	<0.0027U	<0.007U	5.385
SSHS-B2673	SSHS-B2673-SUB-6-8	5/18/2019	6-8	<0.0059U	<0.0064U	<0.0044U	<0.0026U	4	1	0.22	<0.0024U	<0.0064U	5.234
SSHS-B2674	SSHS-B2674-SUB-6-8	4/25/2019	6-8	<0.0062U	<0.0067U	<0.0046U	<0.0028U	0.28	0.1	<0.0054U	<0.0026U	<0.0067U	0.3975
SSHS-B2675	SSHS-B2675-SUB-4-6	5/17/2019	4-6	<0.31U	<0.33U	<0.23U	<0.14U	41	12	1.3	<0.13U	<0.33U	55.04
SSHS-B2675	SSHS-B2675-SUB-8-10	5/17/2019	8-10	<0.031U	<0.033U	<0.023U	<0.014U	4.1	1.1	0.12	<0.013U	<0.033U	5.394
SSHS-B2676	SSHS-B2676-SUB-4-6	5/16/2019	4-6	<0.0062U,F1	<0.0067U	<0.0046U	<0.0028U	1.5	0.45	0.18F2,F1	<0.0025U	<0.0067U	2.145
SSHS-B2676	SSHS-B2676-SUB-8-10	5/16/2019	8-10	<0.006U	<0.0065U	<0.0045U	<0.0027U	0.057	0.02	<0.0052U	<0.0025U	<0.0065U	0.09395
SSHS-B2679	SSHS-B2679-SUB-10-12	4/24/2019	10-12	<0.29U	<0.31U	<0.22U	<0.13U	87	28	4.2	<0.12U	<0.31U	119.9
SSHS-B2679	SSHS-B2679-SUB-14-16	4/24/2019	14-16	<0.058U	<0.064U	<0.044U	<0.026U	21	6.7	0.99	<0.024U	<0.063U	28.83
SSHS-B2679	SSHS-B2679-SUB-4-6	4/24/2019	4-6	<1.2U	<1.3U	<0.88U	<0.53U	360	110	17	<0.49U	<1.3U	489.9
SSHS-B2679	SSHS-B2679-SUB-8-10	4/24/2019	8-10	<0.61U	<0.66U	<0.46U	<0.27U	80	25	3.8	<0.25U	<0.66U	110.3
SSHS-B268	SSHS-B268-SUB-2-4	7/29/2015	2-4	<0.037U	<0.045U	<0.063U	<0.046U	10J	1.1J	0.45J	<0.036U	<0.067U	11.55
SSHS-B268	SSHS-B268-SUB-4-6	7/29/2015	4-6	<0.004U	<0.0048U	<0.0067U	<0.0049U	0.63J	0.28J	0.032J	<0.0039U	<0.0072U	0.942
SSHS-B268	SSHS-B268-SUB-6-8	7/29/2015	6-8	<0.0039U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.007U	<0
SSHS-B2682	SSHS-B2682-SUB-2-4	4/25/2019	2-4	<6.1U	<6.7U	<4.6U	<2.8U	2400	590	90	<2.5U	<6.6U	3095
SSHS-B2683	SSHS-B2683-SUB-12-14	4/27/2019	12-14	<0.006U	<0.0065U	<0.0045U	<0.0027U	<0.0044U	<0.0055U	<0.0053U	<0.0025U	<0.0065U	<0.0439
SSHS-B2684	SSHS-B2684-SUB-10-12	4/26/2019	10-12	<0.006U	<0.0066U	<0.0045U	<0.0027U	0.11	0.041	<0.0053U	<0.0025U	<0.0065U	0.1681
SSHS-B2684	SSHS-B2684-SUB-12-14	4/26/2019	12-12	<0.0061U	<0.0066U	<0.0046U	<0.0027U	0.34	0.14	<0.0053U	<0.0025U	<0.0066U	0.4972
SSHS-B2684	SSHS-B2684-SUB-2-4	4/26/2019	2-4	<0.0061U	<0.0066U	<0.0045U	<0.0027U	0.98	0.46	0.15	<0.0025U	<0.0066U	1.605
SSHS-B2684	SSHS-B2684-SUB-8-10	4/26/2019	8-10	<0.0059U	<0.0065U	<0.0044U	<0.0027U	0.49	0.17	<0.0052U	<0.0025U	<0.0064U	0.6768
SSHS-B2685	SSHS-B2685-SUB-4-6	5/17/2019	4-6	<0.0058U	<0.0064U	<0.0044U	<0.0026U	0.18	0.046	0.012J	<0.0024U	<0.0063U	0.252
SSHS-B269	SSHS-B269-SUB-2-3	7/17/2015	2-3	<0.019U	<0.023U	<0.031U	<0.023U	7.3J	3.3J	0.57J	<0.018U	<0.033U	11.17
SSHS-B2691	SSHS-B2691-SUB-2-4	5/20/2019	2-4	<0.13U	<0.14U	<0.096U	<0.057U	43	8	1.9	<0.053U	<0.14U	53.21
SSHS-B2692	SSHS-B2692-SUB-2-4	5/20/2019	2-4	<0.0063U	<0.0069U	<0.0047U	<0.0028U	0.72	0.57	0.21	<0.0026U	<0.0068U	1.515
SSHS-B2693	SSHS-B2693-SUB-2-4	5/20/2019	2-4	<0.0063U	<0.0068U	<0.0047U	<0.0028U	0.67	0.52	0.22	<0.0026U	<0.0068U	1.425
SSHS-B2695	SSHS-B2695-SUB-2-4	5/16/2019	2-4	<0.059U	<0.065U	<0.045U	<0.027U	11	3	0.8	<0.025U	<0.064U	14.94
SSHS-B2696	SSHS-B2696-SUB-2-4	5/14/2019	2-4	<0.006U	<0.0066U	<0.0045U	<0.0027U	4.5	1.5	0.54	<0.0025U	<0.0065U	6.554
SSHS-B2697	SSHS-B2697-SUB-2-4	5/14/2019	2-4	<0.0059U	<0.0064U	<0.0044U	<0.0026U	0.15	0.065	0.027	<0.0024U	<0.0063U	0.256
SSHS-B2698	SSHS-B2698-SUB-2-4	5/14/2019	2-4	<0.006U	<0.0066U	<0.0045U	<0.0027U	0.12	0.039	0.014J	<0.0025U	<0.0065U	0.1874
SSHS-B2698	SSHS-B2698-SUB-4-6	5/14/2019	4-6	<0.066U,F1,*	<0.072U,*	<0.049U,*	<0.03U,*	13*	4.2*	1.1F1,*	<0.027U,*	<0.071U,*	18.46
SSHS-B2699	SSHS-B2699-SUB-4-6	5/14/2019	4-6	<0.0061U	<0.0066U	<0.0045U	<0.0027U	0.014J	0.0098J	<0.0053U	<0.0025U	<0.0065U	0.0409
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.027U	<0.035U	<0.031U	<0.03U	12	<0.026U	1.5	<0.024U	<0.04U	13.5
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.0026U	<0.0033U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
SSHS-B27	B23427	5/8/2000	2-3	<0.035U	<0.035U	<0.035U	<0.035U	1.5D	<0.035U	0.7JD	-	-	2.2
SSHS-B270	SSHS-B270-SUB-2-4	7/17/2015	2-4	<0.037U	<0.045U	<0.062U	<0.046U	22J	9.8J	1J	<0.036U	<0.067U	32.8
SSHS-B270	SSHS-B270-SUB-4-5	7/17/2015	4-5	<0.038U	<0.046U	<0.064U	<0.047U	14J	5.8J	0.68J	<0.037U	<0.068U	20.48
SSHS-B2700	SSHS-B2700-SUB-8-10	5/17/2019	8-10	<0.032U	<0.034U	<0.024U	<0.014U	5	1.4	0.19	<0.013U	<0.034U	6.666
SSHS-B2703	SSHS-B2703-SUB-2-4	5/19/2019	2-4	<0.0065U	<0.0071U	<0.0049U	<0.0029U	0.58	0.15	0.046	<0.0027U	<0.007U	0.7916
SSHS-B271	SSHS-B271-SUB-2-4	7/17/2015	2-4	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.7J	1.8J	0.28J	<0.0038U	<0.0069U	6.78
SSHS-B271	SSHS-B271-SUB-4-6	7/17/2015	4-6	<0.038U	<0.047U	<0.064U	<0.047U	42J	14J	2.1J	<0.037U	<0.069U	58.1
SSHS-B271	SSHS-B271-SUB-6-8	7/17/2015	6-8	<0.0038U	<0.0046U	<0.0064U	<0.0046U	5.9J	2.5J	0.43J	<0.0037U	<0.0068U	8.83
SSHS-B2724	SSHS-B2724-SUB-12-14	4/24/2019	12-14	<0.0058U	<0.0063U	<0.0043U	<0.0026U	0.11	0.04	<0.0051U	<0.0024U	<0.0063U	0.1664
SSHS-B2724	SSHS-B2724-SUB-2-4	4/24/2019	2-4	<0.0058U	<0.0063U	<0.0043U	<0.0026U	3.8	1.8	0.29	<0.0024U	<0.0062U	5.904
SSHS-B2724	SSHS-B2724-SUB-4-6	4/24/2019	4-6	<0.06U	<0.065U	<0.045U	<0.027U	11	3.6	0.59	<0.025U	<0.065U	15.33
SSHS-B2724	SSHS-B2724-SUB-6-8	4/24/2019	6-8	<0.06U	<0.065U	<0.045U	<0.027U	13	4.6	0.75	<0.025U	<0.065U	18.49
SSHS-B2725	SSHS-B2725-SUB-6-8	4/26/2019	6-8	<0.029U	<0.032U	<0.022U	<0.013U	11	9.1	1.8	<0.012U	<0.031U	21.97
SSHS-B2725	SSHS-B2725-SUB-8-10	4/26/2019	8-10	<0.03U	<0.033U	<0.023U	<0.014U	8.3	6.8	0.92	<0.012U	<0.032U	16.09
SSHS-B273	SSHS-B273-SUB-2-4	7/29/2015	2-4	<7.5U	<9.2U	<13U	<9.3U	600J	200J	62J	<7.4U	<14U	862
SSHS-B273	SSHS-B273-SUB-4-6	7/29/2015	4-6	<0.075U	<0.092U	<0.13U	<0.093U	18J	6.4J	1.3J	<0.074U	<0.14U	25.7

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B273	SSHS-B273-SUB-6-8	7/29/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	0.084J	0.099J	<0.019U	<0.0039U	<0.0071U	0.183
SSHS-B274	SSHS-B274-SUB-2-4	7/29/2015	2-4	<0.38U	<0.47U	<0.64U	<0.47U	78J	27J	3.5J	<0.37U	<0.69U	108.5
SSHS-B274	SSHS-B274-SUB-4-6	7/29/2015	4-6	<0.039U	<0.048U	<0.066U	<0.048U	8.9J	1.5J	0.83J	<0.039U	<0.071U	11.23
SSHS-B274	SSHS-B274-SUB-6-8	7/29/2015	6-8	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	<0.0045U	0.0076J	<0.0038U	<0.0069U	0.0076
SSHS-B275	SSHS-B275-SUB-2-4	7/17/2015	2-4	<0.039U	<0.047U	<0.065U	<0.048U	55J	22J	2.9J	<0.038U	<0.07U	79.9
SSHS-B275	SSHS-B275-SUB-4-5.5	7/17/2015	4-5.5	<0.36U	<0.44U	<0.61U	<0.45U	120J	43J	5.7J	<0.35U	<0.65U	168.7
SSHS-B2752	SSHS-B2752-SUB-10-12	4/24/2019	10-12	<1.2U	<1.3U	<0.91U	<0.55U	320	110	19	<0.5U	<1.3U	451.9
SSHS-B2752	SSHS-B2752-SUB-12-14	4/24/2019	12-14	<0.6U	<0.65U	<0.45U	<0.27U	150	50	9.1	<0.25U	<0.65U	210.5
SSHS-B2752	SSHS-B2752-SUB-14-16	4/24/2019	14-16	<0.0057U	<0.0062U	<0.0042U	<0.0025U	0.72	0.25	0.038	<0.0023U	<0.0061U	1.022
SSHS-B2752	SSHS-B2752-SUB-2-4	4/24/2019	2-4	<0.0059U	<0.0064U	<0.0044U	<0.0027U	0.33	0.17	0.036	<0.0024U	<0.0064U	0.5501
SSHS-B2752	SSHS-B2752-SUB-8-10	4/24/2019	8-10	<0.0059U	<0.0064U	<0.0044U	<0.0026U	4.4	1.4	0.23	<0.0024U	<0.0063U	6.044
SSHS-B2753	SSHS-B2753-SUB-2-4	4/23/2019	2-4	<0.0062U	<0.0067U	<0.0046U	<0.0028U	1.6	0.45	0.12	<0.0026U	<0.0067U	2.185
SSHS-B2753	SSHS-B2753-SUB-4-6	4/23/2019	4-6	<0.0067U	<0.0073U	<0.005U	<0.003U	0.25	0.068	0.018J	<0.0028U	<0.0072U	0.352
SSHS-B2754	SSHS-B2754-SUB-10-12	4/27/2019	10-12	<0.0067U	<0.0073U	<0.005U	<0.003U	4.2	1.2	0.26	<0.0028U	<0.0072U	5.676
SSHS-B2754	SSHS-B2754-SUB-12-14	4/27/2019	12-14	<0.29U	<0.32U	<0.22U	<0.13U	77	21	4.2	<0.12U	<0.32U	102.9
SSHS-B2754	SSHS-B2754-SUB-14-16	5/19/2019	14-16	<0.006U	<0.0066U	<0.0045U	<0.0027U	2	0.56	0.17	<0.0025U	<0.0065U	2.744
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	<0.031U	<0.034U	<0.023U	<0.014U	13	3.5	0.48	<0.013U	<0.033U	17.05
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	<0.006U	<0.0065U	<0.0045U	<0.0027U	0.14	0.051	<0.0052U	<0.0025U	<0.0065U	0.208
SSHS-B2756	SSHS-B2756-SUB-12-14	4/26/2019	12-14	<0.0058U	<0.0063U	<0.0044U	<0.0026U	0.048	0.12	<0.0051U	<0.0024U	<0.0063U	0.1845
SSHS-B2757	SSHS-B2757-SUB-12-14	4/26/2019	12-14	<0.0058U	<0.0063U	<0.0043U	<0.0026U	0.73	0.27	0.031	<0.0024U	<0.0063U	1.045
SSHS-B2757	SSHS-B2757-SUB-8-10	4/26/2019	8-10	<0.006U	<0.0065U	<0.0045U	<0.0027U	1.3	0.85	<0.0052U	<0.0025U	<0.0065U	2.167
SSHS-B2758	SSHS-B2758-SUB-12-14	4/26/2019	12-14	<0.0061U	<0.0066U	<0.0045U	<0.0027U	0.014J	0.014J	<0.0053U	<0.0025U	<0.0065U	0.0451
SSHS-B2759	SSHS-B2759-SUB-12-14	4/26/2019	12-14	<0.0058U	<0.0063U	<0.0043U	<0.0026U	0.04	0.058	<0.0051U	<0.0024U	<0.0063U	0.1144
SSHS-B276	SSHS-B276-SUB-2-4	7/29/2015	2-4	<0.039U	<0.047U	<0.066U	<0.048U	16J	3.2J	0.59J	<0.038U	<0.07U	19.79
SSHS-B276	SSHS-B276-SUB-4-6	7/29/2015	4-6	<0.2U	<0.24U	<0.34U	<0.25U	65J	7.4J	2.4J	<0.2U	<0.36U	74.8
SSHS-B276	SSHS-B276-SUB-6-8	7/29/2015	6-8	<0.19U	<0.24U	<0.33U	<0.24U	62J	9.4J	2.2J	<0.19U	<0.35U	73.6
SSHS-B2760	SSHS-B2760-SUB-14-16	4/25/2019	14-16	<0.12U,F1	<0.13U	<0.093U	<0.056U	58	15	2.4	<0.051U	<0.13U	75.69
SSHS-B2760	SSHS-B2760-SUB-4-6	4/25/2019	4-6	<1.2U	<1.3U	<0.92U	<0.55U	320	110	13	<0.51U	<1.3U	445.9
SSHS-B2760	SSHS-B2760-SUB-6-8	4/25/2019	6-8	<0.62U	<0.68U	<0.47U	<0.28U	120	41	5.3	<0.26U	<0.67U	167.8
SSHS-B2760A	SSHS-B2760-SUB-16-18	5/18/2019	16-18	<0.0062U	<0.0067U	<0.0046U	<0.0028U	0.025	<0.0057U	<0.0054U	<0.0026U	<0.0067U	0.04535
SSHS-B2761	SSHS-B2761-SUB-12-14	4/25/2019	12-14	<0.062U	<0.067U	<0.046U	<0.028U	20	7	2.3	<0.026U	<0.067U	29.45
SSHS-B2761	SSHS-B2761-SUB-14-16	4/25/2019	14-16	<0.031U	<0.034U	<0.023U	<0.014U	13	5	2.4	<0.013U	<0.033U	20.47
SSHS-B2761	SSHS-B2761-SUB-16-18	5/18/2019	16-18	<0.0062U	<0.0068U	<0.0046U	<0.0028U	1.1	0.39	0.18	<0.0026U	<0.0067U	1.685
SSHS-B2763	SSHS-B2763-SUB-2-4	4/26/2019	2-4	<0.0059U	<0.0064U	<0.0044U	<0.0027U	2.9	1.7	0.34	<0.0024U	<0.0064U	4.954
SSHS-B2763	SSHS-B2763-SUB-4-6	4/26/2019	4-6	<0.0062U	<0.0068U	<0.0047U	<0.0028U	0.16	<0.0058U	<0.0055U	<0.0026U	<0.0068U	0.1806
SSHS-B2764	SSHS-B2764-SUB-2-4	4/24/2019	2-4	<0.0058U	<0.0063U	<0.0043U	<0.0026U	2	0.71	0.11	<0.0024U	<0.0063U	2.834
SSHS-B2764	SSHS-B2764-SUB-4-6	4/23/2019	4-6	<0.0058U	<0.0063U	<0.0043U	<0.0026U	0.045	0.0094J	<0.0051U	<0.0024U	<0.0063U	0.0708
SSHS-B2765A	SSHS-B2765A-SUB-10-12	4/27/2019	10-12	<0.006U	<0.0065U	<0.0045U	<0.0027U	1.5	3.3	<0.0053U,F1	<0.0025U	<0.0065U	4.817
SSHS-B2765A	SSHS-B2765A-SUB-12-14	4/27/2019	12-14	<0.03U	<0.033U	<0.023U	<0.014U	4.5	8.6	<0.026U	<0.013U	<0.033U	13.19
SSHS-B2766	SSHS-B2766-SUB-6-8	4/23/2019	6-8	<0.03U	<0.033U	<0.022U	<0.013U	7.1	2.1	0.35	<0.012U	<0.032U	9.621
SSHS-B277	SSHS-B277-SUB-2-4	7/29/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	0.63J	0.15J	0.054J	<0.0037U	<0.0068U	0.834
SSHS-B277	SSHS-B277-SUB-4-6	7/29/2015	4-6	<0.0038U	<0.0047U	<0.0065U	<0.0047U	4.4J	1.3J	0.19J	<0.0038U	<0.0069U	5.89
SSHS-B277	SSHS-B277-SUB-6-8	7/29/2015	6-8	<0.075U	<0.092U	<0.13U	<0.093U	16J	3.5J	2.2J	<0.074U	<0.14U	21.7
SSHS-B2771	SSHS-B2771-SUB-10-12	5/13/2019	10-12	<0.0057U,F1	<0.0062U	<0.0043U	<0.0026U	<0.0042U	<0.0052U	<0.005U,F1,F2	<0.0024U	<0.0062U	<0.0418
SSHS-B2771	SSHS-B2771-SUB-6-8	5/13/2019	6-8	<0.0061U	<0.0066U	<0.0045U	<0.0027U	0.013J	<0.0056U	<0.0053U	<0.0025U	<0.0065U	0.0329
SSHS-B2771	SSHS-B2771-SUB-8-10	5/13/2019	8-10	<0.0057U	<0.0062U	<0.0043U	<0.0026U	<0.0042U	<0.0053U	<0.005U	<0.0024U	<0.0062U	<0.0419
SSHS-B2772	SSHS-B2772-SUB-6-8	5/13/2019	6-8	<0.0056U	<0.0061U	<0.0042U	<0.0025U	0.019	0.033	<0.0049U	<0.0023U	<0.0061U	0.06785
SSHS-B2772	SSHS-B2772-SUB-8-10	5/13/2019	8-10	<0.0058U	<0.0063U	<0.0043U	<0.0026U	0.017J,p	0.025	<0.0051U	<0.0024U	<0.0063U	0.0584
SSHS-B2773	SSHS-B2773-SUB-6-8	5/13/2019	6-8	<0.0059U	<0.0064U	<0.0044U	<0.0027U	<0.0043U	0.17	0.13	<0.0024U	<0.0064U	0.3163
SSHS-B2773	SSHS-B2773-SUB-8-10	5/13/2019	8-10	<0.0058U	<0.0064U	<0.0044U	<0.0026U	<0.0043U	0.29	0.22	<0.0024U	<0.0063U	0.5261
SSHS-B2774	SSHS-B2774-SUB-6-8	5/13/2019	6-8	<0.0057U	<0.0062U	<0.0043U	<0.0026U	0.0061J,p	0.076	0.068	<0.0024U	<0.0061U	0.1638
SSHS-B2774	SSHS-B2774-SUB-8-10	5/13/2019	8-10	<0.0056U	<0.0061U	<0.0042U	<0.0025U	<0.0042U	0.036	0.037	<0.0023U	<0.0061U	0.0885
SSHS-B278	SSHS-B278-SUB-2-4	7/16/2015	2-4	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	1.2J	0.14J	<0.0037U	<0.0068U	3.64
SSHS-B278	SSHS-B278-SUB-4-6	7/16/2015	4-6	<0.038U,F1	<0.046U	<0.064U	<0.047U	12J	11J	2.7J	<0.037U	<0.068U	25.7
SSHS-B278	SSHS-B278-SUB-6-8	7/16/2015	6-8	<0.073U	<0.09U	<0.12U	<0.091U	14J	12J	3.3J	<0.072U	<0.13U	29.3
SSHS-B278A	SSHS-B278A-SUB-2-4	7/13/2017	2-4	<0.096U,F1	<0.094U	<0.072U	<0.14U	11	5.6	0.37	<0.055U	<0.13U	17.26
SSHS-B278A	SSHS-B278A-SUB-8-10	7/29/2015	8-10	<0.0037U	<0.0046U	<0.0063U	<0.0046U	4.4J	0.76J	0.15J	<0.0037U	<0.0067U	5.31
SSHS-B279	SSHS-B279-SUB-2-4	7/29/2015	2-4	<0.038U	<0.046U	<0.064U	<0.047U	4.3J	2J	1.7J	<0.037U	<0.069U	8
SSHS-B279	SSHS-B279-SUB-4-6	7/29/2015	4-6	<0.078U	<0.096U	<0.13U	<0.097U	27J	7.9J	6.8J	<0.077U	<0.14U	41.7
SSHS-B279	SSHS-B279-SUB-6-8	7/29/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	<0.0046U	0.023J	0.065J	<0.0037U	<0.0068U	0.088
SSHS-B28	B23428	5/8/2000	4-8	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B28	B23429	5/8/2000	8-12	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-B280	SSHS-B280-SUB-2-4	7/16/2015	2-4	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.049J	0.045J	<0.0039U	<0.0036U	<0.0066U	0.094
SSHS-B280	SSHS-B280-SUB-4-6	7/16/2015	4-6	<0.77U	<0.95U	<1.3U	<0.95U	760J	150J	50J	<0.76U	<1.4U	960
SSHS-B280	SSHS-B280-SUB-6-8	7/16/2015	6-8	<0.0042U	<0.0052U	<0.0072U	<0.0053U	4.1J	2J	0.36J	<0.0042U	<0.0077U	6.46
SSHS-B281	SSHS-B281-SUB-2-4	7/17/2015	2-4	<0.004U	<0.0049U	<0.0068U	<0.005U	5.9J	3.1J	0.35J	<0.0039U	<0.0072U	9.35
SSHS-B281	SSHS-B281-SUB-4-6	7/17/2015	4-6	<0.04U	<0.049U	<0.067U	<0.049U	6.4J	11J	2.2J	<0.039U	<0.072U	19.6
SSHS-B281	SSHS-B281-SUB-6-8	7/17/2015	6-8	<0.0038U	<0.0047U	<0.0065U	<0.0048U	<0.0047U	0.25J	0.079J	<0.0038U	<0.007U	0.329
SSHS-B2811	SSHS-B2811-SUB-14-16	5/18/2019	14-16	<0.0058U	<0.0063U	<0.0043U	<0.0026U	0.18	0.073	<0.0051U	<0.0024U	<0.0063U	0.2694
SSHS-B2812	SSHS-B2812-SUB-14-16	5/18/2019	14-16	<0.0063U	<0.0069U	<0.0047U	<0.0029U	<0.0047U	<0.0058U	<0.0055U	<0.0026U	<0.0069U	<0.0463
SSHS-B2813	SSHS-B2813-SUB-14-16	5/18/2019	14-16	<0.006U	<0.0065U	<0.0045U	<0.0027U	<0.0044U	<0.0055U	<0.0052U	<0.0025U	<0.0065U	<0.0438
SSHS-B2814	SSHS-B2814-SUB-14-16	5/18/2019	14-16	<0.0065U	<0.0071U	<0.0049U	<0.0029U	1.3	0.57	0.26	<0.0027U	<0.007U	2.146
SSHS-B2815	SSHS-B2815-SUB-14-16	5/18/2019	14-16	<0.0062U	<0.0068U	<0.0047U	<0.0028U	<0.0046U	<0.0057U	<0.0054U	<0.0026U	<0.0067U	<0.0455
SSHS-B2816	SSHS-B2816-SUB-14-16	5/18/2019	14-16	<0.006U	<0.0065U	<0.0045U	<0.0027U	<0.0044U	0.011J	<0.0052U	<0.0025U	<0.0065U	0.03015
SSHS-B2817	SSHS-B2817-SUB-14-16	5/18/2019	14-16	<0.006U	<0.0065U	<0.0045U	<0.0027U	<0.0044U	<0.0055U	<0.0052U	<0.0025U	<0.0064U	<0.0437
SSHS-B2818	SSHS-B2818-SUB-14-16	5/18/2019	14-16	<0.0059U	<0.0065U	<0.0044U	<0.0027U	0.0071J	<0.0055U	<0.0052U	<0.0024U	<0.0064U	0.0266
SSHS-B282	SSHS-B282-SUB-2-4	7/29/2015	2-4	<0.0038U	<0.0046U	<0.0064U	<0.0047U	1.9J	0.62J	0.12J	<0.0037U	<0.0068U	2.64
SSHS-B282	SSHS-B282-SUB-4-5	7/29/2015	4-5	<0.18U	<0.22U	<0.31U	<0.23U	61J	20J	2.1J	<0.18U	<0.33U	83.1
SSHS-B283	SSHS-B283-SUB-2-4	7/16/2015	2-4	<0.0039U	<0.0048U	<0.0067U	<0.0049U	0.64J	0.4J	0.058J	<0.0039U	<0.0071U	1.098
SSHS-B283	SSHS-B283-SUB-4-6	7/16/2015	4-6	<0.076U	<0.093U	<0.13U	<0.094U	19J	7.9J	1.4J	<0.075U	<0.14U	28.3
SSHS-B283	SSHS-B283-SUB-6-8	7/16/2015	6-8	<0.077U	<0.095U	<0.13U	<0.096U	31J	15J	1.6J	<0.076U	<0.14U	47.6
SSHS-B283A	SSHS-B283A-SUB-8-10	7/29/2015	8-10	<0.076U	<0.093U	<0.13U	<0.094U	14J	6.6J	3.8J	<0.075U	<0.14U	24.4
SSHS-B284	SSHS-B284-SUB-2-4	7/29/2015	2-4	<0.0036U	<0.0045U	<0.0062U	<0.0045U	2.6J	0.88J	0.33J	<0.0036U	<0.0066U	3.81
SSHS-B284	SSHS-B284-SUB-4-6	7/29/2015	4-6	<0.037U	<0.045U	<0.063U	<0.046U	6.6J	2J	0.6J	<0.037U	<0.067U	9.2
SSHS-B284	SSHS-B284-SUB-6-8	7/29/2015	6-8	<0.0037U	<0.0046U	<0.0063U	<0.0046U	2.3J	0.81J	0.4J	<0.0037U	<0.0068U	3.51
SSHS-B284A	SSHS-B284A-SUB-4-6	7/10/2017	4-6	<0.0098U	<0.0095U	<0.0073U	<0.015U	2.6J	3J	0.72J	<0.0056U	<0.013U	6.35
SSHS-B284A	SSHS-B284A-SUB-6-8	7/10/2017	6-8	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
SSHS-B299	SSHS-B299-SUB-2-4	7/24/2015	2-4	<0.018U	<0.022U	<0.03U	<0.022U	9.2J	4J	0.82J	<0.018U	<0.032U	14.02
SSHS-B299	SSHS-B299-SUB-4-6	7/24/2015	4-6	<0.0036U	<0.0044U	<0.0061U	<0.0044U	2.4J	1J	0.16J	<0.0035U	<0.0065U	3.56
SSHS-B299	SSHS-B299-SUB-6-8	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-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.0026U	<0.0033U	<0.0029U	<0.0028U	<0.0016U	<0.0024U	<0.0024U	<0.0022U	<0.0038U	<0
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.0027U	<0.0034U	<0.0031U	<0.0029U	1.2	<0.0025U	0.23	<0.0023U	<0.0039U	1.43
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.53	<0.0025U	0.075	<0.0023U	<0.0039U	0.605
SSHS-B3	B23489	5/12/2000	4-8	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	<0.042U	-	-	<0
SSHS-B30	B23432	5/8/2000	4-8	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B300	SSHS-B300-SUB-2-4	7/24/2015	2-4	<0.0035U	<0.0044U	<0.006U	<0.0044U	0.034J	0.015J	<0.0038U	<0.0035U	<0.0064U	0.049
SSHS-B300	SSHS-B300-SUB-4-6	7/24/2015	4-6	<0.0036U	<0.0045U	<0.0062U	<0.0045U	0.0084J	0.018J	0.0083J	<0.0036U	<0.0066U	0.0347
SSHS-B300	SSHS-B300-SUB-6-8	7/24/2015	6-8	<0.0038U	<0.0047U	<0.0065U	<0.0047U	<0.0047U	<0.0045U	<0.0041U	<0.0038U	<0.0069U	<0
SSHS-B301	SSHS-B301-SUB-2-4	7/24/2015	2-4	<0.39U	<0.48U	<0.66U	<0.48U	130J	59J	8J	<0.38U	<0.71U	197
SSHS-B301	SSHS-B301-SUB-4-6	7/24/2015	4-6	<0.077U	<0.094U	<0.13U	<0.095U	42J	15J	1.2J	<0.076U	<0.14U	58.2
SSHS-B301	SSHS-B301-SUB-6-8	7/24/2015	6-8	<0.04U	<0.049U	<0.068U	<0.05U	19J	4.7J	0.44J	<0.04U	<0.073U	24.14
SSHS-B302	SSHS-B302-SUB-2-4	7/24/2015	2-4	<0.0037U	<0.0045U	<0.0062U	<0.0045U	0.058J	0.071J	0.015J	<0.0036U	<0.0066U	0.144
SSHS-B302	SSHS-B302-SUB-4-6	7/24/2015	4-6	<0.0036U	<0.0044U	<0.0061U	<0.0045U	0.077J	0.065J	0.016J	<0.0036U	<0.0065U	0.158
SSHS-B302	SSHS-B302-SUB-6-8	7/24/2015	6-8	<0.0036U	<0.0044U	<0.006U	<0.0044U	<0.0044U	<0.0041U	<0.0038U	<0.0035U	<0.0064U	<0
SSHS-B308	SSHS-B308-SUB-2-4	3/2/2016	2-4	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.17J	0.092J	0.023J	<0.0036U	<0.0061U	0.285
SSHS-B308	SSHS-B308-SUB-4-6	3/2/2016	4-6	<0.009U,F2	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U,F2	<0.0037U	<0.0061U	<0
SSHS-B309	SSHS-B309-SUB-2-4	3/2/2016	2-4	<0.089U	<0.14U	<0.049U	<0.072U	13J	6J	0.55J	<0.036U	<0.06U	19.55
SSHS-B309	SSHS-B309-SUB-4-6	3/2/2016	4-6	<0.0089U	<0.014U	<0.0049U	<0.0072U	4J	2.3J	0.33J	<0.0036U	<0.0061U	6.63
SSHS-B310	SSHS-B310-SUB-2-4	3/2/2016	2-4	<0.082U	<0.13U	<0.045U	<0.066U	15J	5.4J	2J	<0.034U	<0.056U	22.4
SSHS-B310	SSHS-B310-SUB-4-6	3/2/2016	4-6	<0.084U	<0.13U	<0.046U	<0.068U	13J	8J	2.5J	<0.034U	<0.057U	23.5
SSHS-B311	SSHS-B311-SUB-2-4	3/2/2016	2-4	<0.0085U	<0.013U	<0.0046U	<0.0068U	5.5J	1.6J	0.37J	<0.0034U	<0.0057U	7.47
SSHS-B312	SSHS-B312-SUB-2-4	3/2/2016	2-4	<0.0092U	<0.014U	<0.005U	<0.0074U	0.18J	0.078J	0.018J	<0.0037U	<0.0062U	0.276
SSHS-B312	SSHS-B312-SUB-4-6	3/2/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.7J	0.83J	0.2J	<0.0036U	<0.0059U	2.73
SSHS-B312	SSHS-B312-SUB-6-8	3/2/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0
SSHS-B313	SSHS-B313-SUB-4-6	3/2/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	6J	3.2J	0.65J	<0.0036U	<0.0059U	9.85
SSHS-B313	SSHS-B313-SUB-6-8	3/2/2016	6-8	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.0071J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.0071
SSHS-B314	SSHS-B314-SUB-2-4	3/2/2016	2-4	<0.18U	<0.28U	<0.098U	<0.14U	50J	17J	1.3J	<0.073U	<0.12U	68.3

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B314	SSHS-B314-SUB-4-6	3/2/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	2.6J	1J	0.1J	<0.0036U	<0.006U	3.7
SSHS-B314	SSHS-B314-SUB-6-8	3/2/2016	6-8	<0.0089U	<0.014U	<0.0049U	<0.0072U	<0.0045U	<0.0072U	<0.0067U	<0.0036U	<0.006U	<0
SSHS-B316	SSHS-B316-SUB-2-4	3/2/2016	2-4	<0.18U	<0.28U	<0.096U	<0.14U	39J	12J	2.8J	<0.072U	<0.12U	53.8
SSHS-B316	SSHS-B316-SUB-4-6	3/2/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.3J	0.11J	0.038J	<0.0036U	<0.006U	0.448
SSHS-B318	SSHS-B318-SUB-2-4	3/2/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.3J	0.15J	0.028J	<0.0033U	<0.0056U	0.478
SSHS-B319	SSHS-B319-SUB-4-6	3/2/2016	4-6	<0.0089U	<0.014U	<0.0049U	<0.0072U	5.9J	1.4J	0.29J	<0.0036U	<0.006U	7.59
SSHS-B319	SSHS-B319-SUB-8-10	3/2/2016	8-10	<0.0091U	<0.014U	<0.005U	<0.0073U	2.9J	0.7J	0.15J	<0.0037U	<0.0062U	3.75
SSHS-B320	SSHS-B320-SUB-4-6	3/2/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	2.2J	1J	0.16J	<0.0035U	<0.0058U	3.36
SSHS-B321	SSHS-B321-SUB-4-6	3/3/2016	4-6	<43U	<69U	<24U	<35U	22,000J	5100J	720J	<18U	<29U	33,930
SSHS-B322	SSHS-B322-SUB-8-10	3/2/2016	8-10	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.6J	0.49J	0.14J	<0.0035U	<0.0058U	2.23
SSHS-B323	SSHS-B323-SUB-8-10	3/2/2016	8-10	<0.0087U	<0.014U	<0.0048U	<0.007U	4.3J	0.91J	0.19J	<0.0035U	<0.0059U	5.4
SSHS-B325	SSHS-B325-SUB-2-4	3/1/2016	2-4	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.26J	0.38J	0.16J	<0.0036U	<0.0059U	0.8
SSHS-B326	SSHS-B326-SUB-2-4	3/2/2016	2-4	<0.17U	<0.27U	<0.092U	<0.14U	50J	27J	7.8J	<0.069U	<0.11U	84.8
SSHS-B326	SSHS-B326-SUB-4-6	3/2/2016	4-6	<0.0083U,F2,F1	<0.013U	<0.0045U	<0.0067U	2.5J	1.2J	0.32J	<0.0034U	<0.0056U	4.02
SSHS-B327	SSHS-B327-SUB-2-4	3/3/2016	2-4	<0.0086U	<0.014U	<0.0047U	<0.007U	0.81J	0.28J	0.031J	<0.0035U	<0.0058U	1.121
SSHS-B327	SSHS-B327-SUB-4-6	3/3/2016	4-6	<0.0091U	<0.014U	<0.005U	<0.0074U	0.19J	0.059J	<0.0068U	<0.0037U	<0.0062U	0.249
SSHS-B328	SSHS-B328-SUB-2-4	3/3/2016	2-4	<0.41U	<0.65U	<0.23U	<0.33U	64J	25J	4.2J	<0.17U	<0.28U	159.9
SSHS-B328	SSHS-B328-SUB-4-6	3/3/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.2J	0.59J	0.07J	<0.0036U	<0.0059U	1.86
SSHS-B329	SSHS-B329-SUB-4-6	3/3/2016	4-6	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.049J	0.013J	<0.0062U	<0.0034U	<0.0056U	0.062
SSHS-B329	SSHS-B329-SUB-6-8	3/3/2016	6-8	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0
SSHS-B329	SSHS-B329-SUB-8-10	3/3/2016	8-10	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.022J	<0.0063U	<0.0034U	<0.0057U	0.132
SSHS-B329A	SSHS-B329A-SUB-10-12	7/11/2017	10-12	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0057U	<0.014U	<0.0923
SSHS-B330	SSHS-B330B-SUB-10-12	3/9/2016	10-12	<0.87U	<1.4U	<0.47U	<0.7U	180J	78J	9.4J	<0.35U	<0.59U	267.4
SSHS-B330	SSHS-B330B-SUB-12-14	3/9/2016	12-14	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.2J	1.4J	0.25J	<0.0034U	<0.0057U	3.85
SSHS-B330	SSHS-B330-SUB-2-4	3/9/2016	2-4	<0.042U	<0.066U	<0.023U	<0.034U	8.5J	3.1J	0.28J	<0.017U	<0.029U	11.88
SSHS-B330	SSHS-B330-SUB-4-6	3/9/2016	4-6	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.2J	0.59J	0.16J	<0.0035U	<0.0058U	1.95
SSHS-B330	SSHS-B330-SUB-6-8	3/9/2016	6-8	<0.17U	<0.27U	<0.094U	<0.14U	30J	11J	1.3J	<0.07U	<0.12U	42.3
SSHS-B330	SSHS-B330-SUB-8-10	3/9/2016	8-10	<0.17U	<0.27U	<0.094U	<0.14U	31J	10J	1.1J	<0.07U	<0.12U	42.1
SSHS-B330A	SSHS-B330A-SUB-6-8	7/13/2017	6-8	<0.0096U	<0.0093U	<0.0071U	<0.014U	2.9	1.6	0.19	<0.0055U	<0.013U	4.719
SSHS-B330A	SSHS-B330A-SUB-8-10	7/13/2017	8-10	<0.0095U	<0.0093U	<0.0071U	<0.014U	1.7	0.83	0.097	<0.0055U	<0.013U	2.656
SSHS-B331	SSHS-B331-SUB-2-4	3/3/2016	2-4	<0.0087U	<0.014U	<0.0047U	<0.007U	0.36J	0.2J	0.053J	<0.0035U	<0.0059U	0.613
SSHS-B331	SSHS-B331-SUB-4-6	3/3/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.62J	1.3J	0.6J	<0.0034U	<0.0057U	2.52
SSHS-B331	SSHS-B331-SUB-6-8	3/3/2016	6-8	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	1.8J	0.65J	<0.0036U	<0.006U	3.35
SSHS-B331	SSHS-B331-SUB-8-10	3/3/2016	8-10	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.12J	0.13J	0.044J	<0.0035U	<0.0058U	0.294
SSHS-B332	SSHS-B332-SUB-4-6	3/3/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.25J	0.11J	0.021J	<0.0035U	<0.0058U	0.381
SSHS-B332	SSHS-B332-SUB-6-8	3/3/2016	6-8	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.01J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.01
SSHS-B332	SSHS-B332-SUB-8-10	3/3/2016	8-10	<0.0086U	<0.014U	<0.0047U	<0.007U	0.2J	0.095J	0.018J	<0.0035U	<0.0058U	0.313
SSHS-B333	SSHS-B333-SUB-2-4	3/3/2016	2-4	<0.009U	<0.014U	<0.0049U	<0.0072U	2.5J	1.8J	0.48J	<0.0037U	<0.0061U	4.78
SSHS-B333	SSHS-B333-SUB-4-6	3/3/2016	4-6	<0.18U	<0.28U	<0.098U	<0.14U	43J	16J	1.2J	<0.073U	<0.12U	60.2
SSHS-B333	SSHS-B333-SUB-6-8	3/3/2016	6-8	<0.86U	<1.4U	<0.47U	<0.7U	180J	52J	10J	<0.35U	<0.59U	204.2
SSHS-B333	SSHS-B333-SUB-8-10	3/3/2016	8-10	<0.44U	<0.7U	<0.24U	<0.36U	57J	19J	2J	<0.18U	<0.3U	78
SSHS-B334	SSHS-B334-SUB-2-4	3/3/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.8J	1.1J	0.33J	<0.0033U	<0.0056U	3.23
SSHS-B334	SSHS-B334-SUB-4-6	3/3/2016	4-6	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.72J	0.47J	0.12J	<0.0033U	<0.0055U	1.31
SSHS-B334	SSHS-B334-SUB-6-8	3/3/2016	6-8	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.022	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.022
SSHS-B334	SSHS-B334-SUB-8-10	3/3/2016	8-10	<0.0082U	<0.013U	<0.0045U	<0.0066U	1J	0.52J	0.11J	<0.0033U	<0.0056U	1.63
SSHS-B335	SSHS-B335-SUB-2-4	3/3/2016	2-4	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	1.7J	0.36J	<0.0034U	<0.0056U	7.16
SSHS-B335	SSHS-B335-SUB-4-6	3/3/2016	4-6	<0.0091U	<0.014U	<0.005U	<0.0074U	0.61J	0.47J	0.16J	<0.0037U	<0.0062U	1.24
SSHS-B335	SSHS-B335-SUB-8-10	3/3/2016	8-10	<0.0089U,F1	<0.014U	<0.0049U	<0.0072U	2.3J	2.2J	0.38J	<0.0036U	<0.0061U	4.88
SSHS-B336	SSHS-B336-SUB-2-4	3/3/2016	2-4	<0.0089U	<0.014U	<0.0049U	<0.0072U	2J	0.94J	0.2J	<0.0036U	<0.006U	3.14
SSHS-B336	SSHS-B336-SUB-4-6	3/3/2016	4-6	<0.0091U	<0.014U	<0.005U	<0.0073U	0.19J	0.09J	0.018J	<0.0037U	<0.0062U	0.298
SSHS-B336	SSHS-B336-SUB-6-8	3/3/2016	6-8	<0.0087U	<0.014U	<0.0048U	<0.007U	0.031J	0.015J	<0.0065U	<0.0036U	<0.0059U	0.046
SSHS-B336	SSHS-B336-SUB-8-10	3/3/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.15J	0.064J	0.011J	<0.0036U	<0.006U	0.225
SSHS-B336A	SSHS-B336A-SUB-2-4	7/10/2017	2-4	<0.048U	<0.047U	<0.036U	<0.073U	8.9J	4.3J	0.49J	<0.028U	<0.066U	13.84
SSHS-B337	SSHS-B337-SUB-4-6	3/9/2016	4-6	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.027	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.027
SSHS-B337	SSHS-B337-SUB-8-10	3/9/2016	8-10	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.064J	0.026J	<0.0061U	<0.0033U	<0.0055U	0.09
SSHS-B338	SSHS-B338-SUB-2-4	3/9/2016	2-4	<0.042U	<0.066U	<0.023U	<0.034U	10J	3.5J	0.32J	<0.017U	<0.028U	13.82
SSHS-B338	SSHS-B338-SUB-4-6	3/9/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0067U	2.3J	0.89J	0.12J	<0.0034U	<0.0057U	3.31
SSHS-B338	SSHS-B338-SUB-6-8	3/9/2016	6-8	<0.087U	<0.14U	<0.048U	<0.07U	15J	5.7J	0.41J	<0.036U	<0.059U	21.11
SSHS-B338	SSHS-B338-SUB-8-10	3/9/2016	8-10	<0.0083U	<0.013U	<0.0045U	<0.0067U	1.8J	0.86J	0.1J	<0.0034U	<0.0056U	2.76
SSHS-B339	SSHS-B339-SUB-2-4	3/9/2016	2-4	<0.042U	<0.066U	<0.023U	<0.034U	6.6J	2.4J	0.17J	<0.017U	<0.028U	9.17
SSHS-B34	B23435	5/9/2000	4-6	<0.037U	<0.037U	<0.037U	<0.037U	24D	<0.037U	0.72E	-	-	24.72
SSHS-B340	SSHS-B340-SUB-2-4	3/9/2016	2-4	<0.44U	<0.69U	<0.24U	<0.35U	140J	58J	6.6J	<0.18U	<0.29U	204.6
SSHS-B341	SSHS-B341-SUB-8-10	3/3/2016	8-10	<0.0084U	<0.013U	<0.0046U	<0.0068U	4.8J	2.1J	0.24J	<0.0034U	<0.0057U	7.14
SSHS-B342	SSHS-B342-SUB-8-10	3/3/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	4.4J	1.3J	0.12J	<0.0036U	<0.0059U	5.82
SSHS-B343	SSHS-B343-SUB-4-6	3/9/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.046J	0.045J	0.015J	<0.0036U	<0.006U	0.106
SSHS-B344	SSHS-B344-SUB-4-6	3/3/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	2.6J	0.96J	0.14J	<0.0036U	<0.006U	3.7
SSHS-B344	SSHS-B344-SUB-6-8	3/3/2016	6-8	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.013J	<0.0072U	<0.0066U	<0.0036U	<0.006U	0.013
SSHS-B344	SSHS-B344-SUB-8-10	3/3/2016	8-10	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.3J	0.47J	0.069J	<0.0035U	<0.0058U	1.839
SSHS-B345	SSHS-B345-SUB-4-6	3/9/2016	4-6	<0.0083U	<0.013U	<0.0046U	<0.0067U	5J	2.2J	0.35J	<0.0034U	<0.0057U	7.55
SSHS-B346	SSHS-B346-SUB-2-4	3/4/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.11J	0.032J	<0.0063U	<0.0034U	<0.0057U	0.142
SSHS-B346	SSHS-B346-SUB-4-6	3/4/2016	4-6	<0.0081U	<0.013U	<0.0045U	<0.0066U	0.27J	0.11J	<0.0061U	<0.0033U	<0.0055U	0.38
SSHS-B347	SSHS-B347-SUB-2-4	3/7/2016	2-4	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0
SSHS-B347	SSHS-B347-SUB-4-6	3/7/2016	4-6	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0
SSHS-B347	SSHS-B347-SUB-6-8	3/7/2016	6-8	<0.045U	<0.071U	<0.025U	<0.036U	6.9J	2J	<0.034U	<0.018U	<0.03U	8.9
SSHS-B348	SSHS-B348-SUB-2-4	3/7/2016	2-4	<0.0087U	<0.014U	<0.0047U	<0.007U	<0.0044U	<0.007U	<0.0065U	<0.0035U	<0.0059U	<0
SSHS-B348	SSHS-B348-SUB-4-6	3/7/2016	4-6	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0
SSHS-B349	SSHS-B349-SUB-2-4	3/7/2016	2-4	<0.0081U	<0.013U	<0.0044U	<0.0065U	4.9J	2.6J	0.53J	<0.0033U	<0.0055U	8.03
SSHS-B349	SSHS-B349-SUB-4-6	3/7/2016	4-6	<0.0083U	<0.013U	<0.0045U	<0.0067U	2.9J	1.3J	0.21J	<0.0034U	<0.0056U	4.41
SSHS-B35	B23444	5/9/2000	2-4	<0.04U	<0.04U	<0.04U	<0.04U	0.25	<0.04U	<0.04U	-	-	0.25
SSHS-B350	SSHS-B350-SUB-2-4	3/4/2016	2-4	<0.0083U	<0.013U	<0.0045U	<0.0067U	5.1J	2.2J	0.37J	<0.0034U	<0.0056U	7.67
SSHS-B350	SSHS-B350-SUB-4-6	3/4/2016	4-6	<0.008U	<0.013U	<0.0044U	<0.0065U	2.6J	1.2J	0.16J	<0.0033U	<0.0054U	3.96
SSHS-B350	SSHS-B350-SUB-6-8	3/4/2016	6-8	<0.008U	<0.013U	<0.0044U	<0.0065U	0.011J	0.0085J	<0.006U	<0.0033U	<0.0054U	0.0195
SSHS-B350	SSHS-B350-SUB-8-10	3/4/2016	8-10	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.43J	0.17J	0.038J	<0.0035U	<0.0058U	0.638
SSHS-B351	SSHS-B351-SUB-2-4	3/4/2016	2-4	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0032U	<0.0054U	<0
SSHS-B352	SSHS-B352-SUB-4-6	3/7/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.23J	0.087J	0.0089J	<0.0034U	<0.0057U	0.3259
SSHS-B353	SSHS-B353-SUB-2-4	3/7/2016	2-4	<0.041U	<0.065U	<0.022U	<0.033U	6.3J	2.2J	0.35J	<0.017U	<0.028U	8.85
SSHS-B353	SSHS-B353-SUB-4-6	3/7/2016	4-6	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.49J	0.17J	0.021J	<0.0034U	<0.0056U	0.681
SSHS-B354	SSHS-B354-SUB-2-4	3/4/2016	2-4	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0059U	<0.0032U	<0.0053U	<0
SSHS-B355	SSHS-B355-SUB-2-4	3/7/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0068U	1.1J	0.49J	0.073J	<0.0034U	<0.0057U	1.663
SSHS-B355	SSHS-B355-SUB-4-6	3/7/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.1J	0.58J	0.11J	<0.0035U	<0.0058U	1.79
SSHS-B356	SSHS-B356-SUB-2-4	3/4/2016	2-4	<0.0085U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0064U	<0.0035U	<0.0058U	<0
SSHS-B356	SSHS-B356-SUB-4-6	3/4/2016	4-6	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0056U	<0
SSHS-B356	SSHS-B356-SUB-6-8	3/4/2016	6-8	<0.008U	<0.013U	<0.0044U	<0.0064U	0.14J	0.039J	<0.006U	<0.0032U	<0.0054U	0.179
SSHS-B357	SSHS-B357-SUB-2-4	3/4/2016	2-4	<0.008U	<0.013U	<0.0044U	<0.0064U	2.1J	0.87J	0.13J	<0.0033U	<0.0054U	3.1
SSHS-B358	SSHS-B358-SUB-2-4	3/4/2016	2-4	<0.0089U	<0.014U	<0.0048U	<0.0071U	2.5J	1.8J	0.77J	<0.0036U	<0.006U	5.07
SSHS-B361	SSHS-B361-SUB-2-4	3/4/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.074J	0.026J	<0.0062U	<0.0034U	<0.0056U	0.1
SSHS-B361	SSHS-B361-SUB-4-6	3/4/2016	4-6	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.19J	0.05J	<0.0062U	<0.0034U	<0.0056U	0.24
SSHS-B362	SSHS-B362-SUB-4-6	3/7/2016	4-6	<0.87U	<1.4U	<0.48U	<0.7U	120J	47J	9.1J	<0.35U	<0.59U	176.1
SSHS-B362	SSHS-B362-SUB-6-8	3/7/2016	6-8	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	2.3J	0.62J	<0.0034U	<0.0056U	2.92
SSHS-B363	SSHS-B363-SUB-4-6	3/7/2016	4-6	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.25J	0.12J	0.023J	<0.0034U	<0.0056U	0.393
SSHS-B365	SSHS-B365-SUB-2-4	3/7/2016	2-4	<0.008U	<0.013U	<0.0044U	<0.0065U	0.019	<0.0065U	<0.006U	<0.0033U	<0.0054U	0.019
SSHS-B365	SSHS-B365-SUB-4-6	3/7/2016	4-6	<0.0084U	<0.013U	<0.0046U	<0.0067U	0.57J	0.099J	<0.0063U	<0.0034U	<0.0057U	0.669
SSHS-B365	SSHS-B365-SUB-6-8	3/7/2016	6-8	<0.44U	<0.69U	<0.24U	<0.35U	74J	19J	<0.33U	<0.18U	<0.3U	93
SSHS-B365	SSHS-B365-SUB-8-10	3/7/2016	8-10	<0.17U	<0.27U	<0.094U	<0.14U	26	7.8	<0.13U	<0.07U	<0.12U	33.8
SSHS-B366	SSHS-B366-SUB-2-4	3/4/2016	2-4	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.021J	0.018J	<0.0067U	<0.0036U	<0.0061U	0.039
SSHS-B366	SSHS-B366-SUB-4-6	3/4/2016	4-6	<0.0094U	<0.015U	<0.0052U	<0.0076U	1.5J	2J	0.64J	<0.0038U	<0.0064U	4.14
SSHS-B366	SSHS-B366-SUB-6-8	3/4/2016	6-8	<0.089U	<0.14U	<0.049U	<0.072U	5.7J	7.3J	<0.067U	<0.036U	<0.06U	13
SSHS-B366	SSHS-B366-SUB-8-10	3/4/2016	8-10	<0.086U	<0.14U	<0.047U	<0.07U	6.4J	7.5J	<0.065U	<0.035U	<0.058U	13.9
SSHS-B369	SSHS-B369-SUB-2-4	3/7/2016	2-4	<0.0087U	<0.014U	<0.0047U	<0.007U	4.9J	2.1J	0.22J	<0.0035U	<0.0059U	7.22
SSHS-B369	SSHS-B369-SUB-4-6	3/7/2016	4-6	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.22J	0.086J	0.01J	<0.0034U	<0.0056U	0.316
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.035U	<0.035U	<0.035U	<0.035U	0.046	<0.035U	0.035	-	-	0.081
SSHS-B370	SSHS-B370-SUB-2-4	3/7/2016	2-4	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.85J	0.3J	0.032J	<0.0033U	<0.0055U	1.182
SSHS-B370	SSHS-B370-SUB-4-6	3/7/2016	4-6	<0.0079U	<0.013U	<0.0043U	<0.0064U	0.77J	0.3J	0.029J	<0.0032U	<0.0054U	1.099
SSHS-B371	SSHS-B371-SUB-4-6	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-B371	SSHS-B371-SUB-6-8	3/8/2016	6-8	<0.0087U	<0.014U	<0.0047U	<0.007U	3J	4J	1.1J	<0.0035U	<0.0059U	8.1
SSHS-B371	SSHS-B371-SUB-8-10	3/8/2016	8-10	<0.009U	<0.014U	<0.0049U	<0.0072U	4.4J	3.1J	0.75J	<0.0037U	<0.0061U	8.25
SSHS-B373	SSHS-B373-SUB-4-6	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

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B373	SSHS-B373-SUB-6-8	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-B373	SSHS-B373-SUB-8-10	3/10/2016	8-10	<0.0091U,F2	<0.014U	<0.005U	<0.0074U	0.83J	0.97J	0.28J	<0.0037U	<0.0062U	2.08
SSHS-B374	SSHS-B374-SUB-2-4	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-B374	SSHS-B374-SUB-4-6	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-B374	SSHS-B374-SUB-6-8	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-B375	SSHS-B375-SUB-8-10	3/8/2016	8-10	<0.0095U	<0.015U	<0.0052U	<0.0077U	0.092J	0.047J	<0.0071U	<0.0039U	<0.0064U	0.139
SSHS-B376	SSHS-B376-SUB-2-4	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-B377	SSHS-B377B-SUB-10-12	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-B378	SSHS-B378-SUB-8-10	3/8/2016	8-10	<0.0086U	<0.014U	<0.0047U	<0.0069U	4.7J	1.2J	0.25J	<0.0035U	<0.0058U	6.15
SSHS-B382	SSHS-B382-SUB-2-4	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	SSHS-B383-SUB-2-4	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-B383	SSHS-B383-SUB-4-6	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-B383	SSHS-B383-SUB-8-10	3/10/2016	8-10	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0037U	<0.0061U	<0
SSHS-B384	SSHS-B384-SUB-2-4	3/8/2016	2-4	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.9J	0.19J	<0.0066U	<0.0036U	<0.006U	1.09
SSHS-B384	SSHS-B384-SUB-4-6	3/8/2016	4-6	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.16J	0.028J	<0.006U	<0.0033U	<0.0055U	0.188
SSHS-B385	SSHS-B385-SUB-2-4	3/7/2016	2-4	<0.0083U	<0.013U	<0.0045U	<0.0067U	4J	1.7J	0.2J	<0.0034U	<0.0056U	5.9
SSHS-B385	SSHS-B385-SUB-4-6	3/7/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.4J	0.52J	0.059J	<0.0035U	<0.0058U	1.979
SSHS-B386	SSHS-B386-SUB-2-4	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-B386	SSHS-B386-SUB-4-6	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	SSHS-B387-SUB-2-4	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-B387	SSHS-B387-SUB-4-6	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-B389	SSHS-B389-SUB-10-12	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-B390	SSHS-B390-SUB-8-10	3/10/2016	8-10	<0.043U	<0.069U	<0.024U	<0.035U	9.2J	3.3J	0.57J	<0.018U	<0.029U	13.07
SSHS-B391	SSHS-B391-SUB-8-10	3/10/2016	8-10	<0.0087U	<0.014U	<0.0048U	<0.007U	1.2J	0.38J	0.062J	<0.0035U	<0.0059U	1.642
SSHS-B392	SSHS-B392-SUB-8-10	3/10/2016	8-10	<0.0087U	<0.014U	<0.0048U	<0.007U	1J	0.34J	0.055J	<0.0035U	<0.0059U	1.395
SSHS-B394	SSHS-B394-SUB-8-10	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
SSHS-B395	SSHS-B395-SUB-8-10	3/10/2016	8-10	<0.0087U	<0.014U	<0.0048U	<0.007U	2J	0.69J	0.14J	<0.0035U	<0.0059U	2.83
SSHS-B396	SSHS-B396-SUB-8-10	3/10/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.25J	0.095J	0.017J	<0.0036U	<0.006U	0.362
SSHS-B4	B23487	5/12/2000	2-4	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
SSHS-B407	SSHS-B407-SUB-2-4	8/25/2016	2-4	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.017J	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.0442
SSHS-B407	SSHS-B407-SUB-4-6	8/25/2016	4-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.21J	0.14J	0.021J	<0.0035U	<0.0058U	0.3928
SSHS-B407	SSHS-B407-SUB-6-8	8/25/2016	6-8	<0.009U	<0.014U	<0.0049U	<0.0072U	<0.0046U	<0.0072U	<0.0067U	<0.0036U	<0.0061U	<0.0633
SSHS-B408	SSHS-B408-SUB-2-4	8/25/2016	2-4	<0.043U	<0.069U	<0.024U	<0.035U	7.3J	2.5J	0.12J	<0.018U	<0.029U	10.03
SSHS-B410	SSHS-B410-SUB-2-4	8/25/2016	2-4	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.2J	0.14J	0.046J	<0.0034U	<0.0056U	0.4068
SSHS-B412	SSHS-B412-SUB-2-4	8/25/2016	2-4	<0.085U	<0.13U	<0.047U	<0.069U	18J	6.3J	0.59J	<0.035U	<0.058U	25.1
SSHS-B412	SSHS-B412-SUB-4-6	8/25/2016	4-6	<0.0087U	<0.014U	<0.0047U	<0.007U	1.6J	0.75J	0.091J	<0.0035U	<0.0059U	2.463
SSHS-B412	SSHS-B412-SUB-6-8	8/25/2016	6-8	<0.0096U	<0.015U	<0.0053U	<0.0078U	<0.0049U	<0.0078U	<0.0072U	<0.0039U	<0.0065U	<0.068
SSHS-B413	SSHS-B413-SUB-2-4	8/26/2016	2-4	<0.17UJ	<0.27U	<0.094U	<0.14U	28J	11J	1.5J	<0.07U	<0.12U	40.93
SSHS-B415	SSHS-B415-SUB-2-4	8/22/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0067U	4J	2.7J	0.58J	<0.0034U	<0.0057U	7.301
SSHS-B416	SSHS-B416-SUB-2-4	8/22/2016	2-4	<0.42U	<0.66U	<0.23U	<0.34U	54J	20J	4.8J	<0.17U	<0.28U	79.85
SSHS-B417	SSHS-B417-SUB-2-4	8/22/2016	2-4	<0.0083U	<0.013U	<0.0046U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0.0587
SSHS-B418	SSHS-B418-SUB-2-4	8/23/2016	2-4	<0.008U	<0.013U	<0.0044U	<0.0064U	0.11J	0.062J	0.013J	<0.0032U	<0.0054U	0.2052
SSHS-B419	SSHS-B419-SUB-2-4	8/23/2016	2-4	<0.04U	<0.064U	<0.022U	<0.033U	5.7J	3.3J	0.77J	<0.016U	<0.027U	9.871
SSHS-B420	SSHS-B420-SUB-2-4	8/23/2016	2-4	<0.0078U	<0.012U	<0.0043U	<0.0063U	1.3J	0.91J	0.25J	<0.0032U	<0.0053U	2.479
SSHS-B421	SSHS-B421-SUB-2-4	8/23/2016	2-4	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	<0.055
SSHS-B421	SSHS-B421-SUB-4-6	8/23/2016	4-6	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.16J	0.14J	0.03J	<0.0032U	<0.0053U	0.3495
SSHS-B422	SSHS-B422-SUB-2-4	8/23/2016	2-4	<0.008U	<0.013U	<0.0044U	<0.0064U	0.099J	0.064J	0.018J	<0.0032U	<0.0054U	0.2012
SSHS-B422	SSHS-B422-SUB-4-6	8/23/2016	4-6	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.27J	0.12J	0.027J	<0.0033U	<0.0056U	0.4376
SSHS-B424	SSHS-B424-SUB-2-4	8/22/2016	2-4	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.9J	2.1J	0.39J	<0.0035U	<0.0058U	6.412
SSHS-B425	SSHS-B425-SUB-2-4	8/22/2016	2-4	<0.044U	<0.069U	<0.024U	<0.035U	7.1J	2.6J	0.41J	<0.018U	<0.03U	10.22
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.0029U	<0.0037U	<0.0033U	<0.0032U	<0.0018U	<0.0028U	<0.0028U	<0.0025U	<0.0042U	<0
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B431	SSHS-B431-SUB-2-4	8/22/2016	2-4	<0.0087U	<0.014U	<0.0047U	<0.007U	4.6J	3.3J	0.89J	<0.0035U	<0.0059U	8.812
SSHS-B432	SSHS-B432-SUB-2-4	8/22/2016	2-4	<0.042U	<0.066U	<0.023U	<0.034U	10J	4.2J	0.75J	<0.017U	<0.028U	15.06
SSHS-B432	SSHS-B432-SUB-4-6	8/22/2016	4-6	<0.0088U	<0.014U	<0.0048U	<0.0071U	1.3J	0.51J	0.1J	<0.0036U	<0.006U	1.932
SSHS-B433	SSHS-B433-SUB-2-4	8/23/2016	2-4	<0.042U	<0.066U	<0.023U	<0.033U	13J	5.3J	1.1J	<0.017U	<0.028U	19.5
SSHS-B433	SSHS-B433-SUB-4-6	8/23/2016	4-6	<0.0087U	<0.014U	<0.0047U	<0.007U	1.2J	0.47J	0.091J	<0.0035U	<0.0059U	1.783
SSHS-B434	SSHS-B434-SUB-2-4	8/22/2016	2-4	<0.0086U	<0.014U	<0.0047U	<0.0069U	3.5J	1.9J	0.52J	<0.0035U	<0.0058U	5.942
SSHS-B435	SSHS-B435-SUB-6-8	8/23/2016	6-8	<0.045U	<0.072U	<0.025U	<0.037U	13J	6J	1.9J	<0.018U	<0.031U	21.01
SSHS-B436	SSHS-B436-SUB-4-6	8/22/2016	4-6	<0.0081U,F2	<0.013U	<0.0045U	<0.0066U	1.8J	0.93J	0.26J	<0.0033U	<0.0055U	3.011
SSHS-B438	SSHS-B438-SUB-2-4	8/26/2016	2-4	<0.16U	<0.26U	<0.09U	<0.13U	53J	17J	1.6J	<0.067U	<0.11U	72.01
SSHS-B438	SSHS-B438-SUB-4-6	8/26/2016	4-6	<0.082U	<0.13U	<0.045U	<0.066U	26J	9.9J	0.93J	<0.034U	<0.056U	37.04
SSHS-B438	SSHS-B438-SUB-6-8	8/26/2016	6-8	<0.084U	<0.13U	<0.046U	<0.068U	26J	10J	0.8J	<0.034U	<0.057U	37.01
SSHS-B438	SSHS-B438-SUB-8-10	8/26/2016	8-10	<0.82U	<1.3U	<0.45U	<0.66U	170J	56J	5.5J	<0.34U	<0.56U	233.6
SSHS-B439	SSHS-B439-SUB-2-4	8/26/2016	2-4	<0.16U	<0.26U	<0.089U	<0.13U	39J	17J	1.7J	<0.066U	<0.11U	58.11
SSHS-B439	SSHS-B439-SUB-6-8	9/15/2016	6-8	<0.86U	<1.4U	<0.47U	<0.7U	270J	89J	15J	<0.35U	<0.59U	376.2
SSHS-B439	SSHS-B439-SUB-8-10	9/15/2016	8-10	<0.85U	<1.3U	<0.46U	<0.68U	110J	31J	3.8J	<0.35U	<0.58U	146.9
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.0025U	<0.0032U	<0.0029U	<0.0028U	<0.0016U	<0.0024U	<0.0024U	<0.0022U	<0.0037U	<0
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.029	<0.0026U	0.033	<0.0024U	<0.0041U	0.062
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B440	SSHS-B440-SUB-2-4	8/26/2016	2-4	<0.082UJ	<0.13U	<0.045U	<0.066U	14J	5.1J	0.74J	<0.034U	<0.056U	20.05
SSHS-B440	SSHS-B440-SUB-4-6	8/26/2016	4-6	<0.086UJ	<0.14U	<0.047U	<0.069U	18J	7J	1.1J	<0.035U	<0.058U	26.32
SSHS-B440	SSHS-B440-SUB-6-8	8/26/2016	6-8	<0.83UJ	<1.3U	<0.45U	<0.67U	340J	86J	14J	<0.34U	<0.56U	442.1
SSHS-B440	SSHS-B440-SUB-8-10	8/26/2016	8-10	<0.17U	<0.27U	<0.094U	<0.14U	29J	9.4J	1.2J	<0.07U	<0.12U	40.03
SSHS-B441	SSHS-B441-SUB-2-4	8/24/2016	2-4	<0.86U	<1.4U	<0.47U	<0.69U	350J	91J	17J	<0.35U	<0.58U	460.2
SSHS-B441	SSHS-B441-SUB-4-6	8/24/2016	4-6	<0.045U	<0.071U	<0.025U	<0.036U	15J	5.4J	0.44J	<0.018U	<0.03U	20.95
SSHS-B441	SSHS-B441-SUB-6-8	8/24/2016	6-8	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.014J	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.04185
SSHS-B442	SSHS-B442-SUB-2-4	8/24/2016	2-4	<0.0087U	<0.014U	<0.0047U	<0.007U	3.3J	0.96J	0.15J	<0.0035U	<0.0059U	4.432
SSHS-B442	SSHS-B442-SUB-4-6	8/24/2016	4-6	<0.0089U	<0.014U	<0.0049U	<0.0072U	0.86J	0.26J	0.052J	<0.0036U	<0.006U	1.194
SSHS-B442	SSHS-B442-SUB-6-8	8/24/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.0069U	0.36J	0.11J	0.02J	<0.0035U	<0.0058U	0.5118
SSHS-B443	SSHS-B443-SUB-2-4	9/14/2016	2-4	<0.83U,F1	<1.3U	<0.45U	<0.67U	210J	72J	10J	<0.34U	<0.56U	294.1
SSHS-B443	SSHS-B443-SUB-4-6	9/14/2016	4-6	<4.1U	<6.5U	<2.3U	<3.3U	1500J	510J	51J	<1.7U	<2.8U	2071
SSHS-B443	SSHS-B443-SUB-6-8	9/14/2016	6-8	<0.42U	<0.67U	<0.23U	<0.34U	74J	24J	3.5J	<0.17U	<0.29U	102.6
SSHS-B443	SSHS-B443-SUB-8-10	9/15/2016	8-10	<0.84U	<1.3U	<0.46U	<0.68U	200J	65J	6.6J	<0.34U	<0.57U	273.7
SSHS-B444	SSHS-B444-SUB-2-4	8/26/2016	2-4	<0.17UJ	<0.26U	<0.09U	<0.13U	37J	14J	2.2J	<0.067U	<0.11U	53.61
SSHS-B444	SSHS-B444-SUB-4-6	8/26/2016	4-6	<0.0085U	<0.013U	<0.0046U	<0.0068U	5.5J	2.7J	0.72J	<0.0035U	<0.0057U	8.941
SSHS-B444	SSHS-B444-SUB-6-8	8/26/2016	6-8	<0.087UJ	<0.14U	<0.047U	<0.07U	<0.044U	23	<0.065U,F1,F2	<0.035U	<0.059U	23.27
SSHS-B444	SSHS-B444-SUB-8-10	8/26/2016	8-10	<0.085U	<0.13U	<0.046U	<0.068U	24J	8.2J	1.4J	<0.034U	<0.057U	33.81
SSHS-B451	SSHS-B451-SUB-10-12	9/27/2016	10-12	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0053U	<0.0554
SSHS-B451	SSHS-B451-SUB-12-14	9/27/2016	12-14	<0.0079U	<0.012U	<0.0043U	<0.0063U	<0.004U	0.0088J	<0.0059U	<0.0032U	<0.0053U	0.03325
SSHS-B451	SSHS-B451-SUB-14-16	9/27/2016	14-16	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0059U	<0.0032U	<0.0053U	<0.0551
SSHS-B451	SSHS-B451-SUB-16-18	9/27/2016	16-18	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.0061U	<0.0033U	<0.0055U	<0.0575
SSHS-B451	SSHS-B451-SUB-18-20	9/27/2016	18-20	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0.0625
SSHS-B451	SSHS-B451-SUB-2-4	9/27/2016	2-4	<0.0081U	<0.013U	<0.0044U	<0.0065U	0.21J	0.18J	<0.0061U	<0.0033U	<0.0055U	0.4135
SSHS-B451	SSHS-B451-SUB-4-6	9/27/2016	4-6	<0.008U	<0.013U	<0.0044U	<0.0065U	0.12J	0.11J	<0.006U	<0.0033U	<0.0054U	0.2533
SSHS-B451	SSHS-B451-SUB-6-8	9/27/2016	6-8	<0.0081U	<0.013U	<0.0044U	<0.0066U	<0.0041U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	<0.0577
SSHS-B451	SSHS-B451-SUB-8-10	9/27/2016	8-10	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	<0.0555
SSHS-B452	SSHS-B452-SUB-2-4	9/27/2016	2-4	<0.0081U	<0.013U	<0.0044U	<0.0065U	<0.0041U	0.032	<0.0061U	<0.0033U	<0.0055U	0.0575
SSHS-B452	SSHS-B452-SUB-4-6	9/27/2016	4-6	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	0.013J	<0.0059U	<0.0032U	<0.0054U	0.03755
SSHS-B452	SSHS-B452-SUB-6-8	9/27/2016	6-8	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	<0.055
SSHS-B452	SSHS-B452-SUB-8-10	9/27/2016	8-10	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0033U	<0.0054U	<0.057
SSHS-B455	SSHS-B455-SUB-4-6	8/30/2016	4-6	<0.0092U	<0.015U	<0.005U	<0.0074U	<0.02U	<0.0074U	<0.0069U	<0.0038U	<0.0062U	<0.0809
SSHS-B455	SSHS-B455-SUB-6-8	8/30/2016	6-8	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0.0586
SSHS-B455	SSHS-B455-SUB-8-10	8/30/2016	8-10	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.21J	0.085J	<0.0063U	<0.0034U	<0.0057U	0.3192
SSHS-B455A	SSHS-B455A-SUB-8-10	7/10/2017	8-10	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.087J	0.051J	<0.012U	<0.0057U	<0.013U	0.1743
SSHS-B456	SSHS-B456-SUB-4-6	8/30/2016	4-6	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	<0.0583
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	<0.034U	-	-	<0
SSHS-B461	SSHS-B461-SUB-2-3	8/31/2016	2-3	<0.041U	<0.064U	<0.022U	<0.033U	6.6J	1.7J	0.33J	<0.017U	<0.028U	8.733
SSHS-B462	SSHS-B462-SUB-2-3	8/31/2016	2-3	<0.085U	<0.13U	<0.047U	<0.069U	38J	13J	1.9J	<0.035U	<0.058U	53.11
SSHS-B463	SSHS-B463-SUB-2-3	8/31/2016	2-3	<0.042U	<0.066U	<0.023U	<0.034U	11J	3.9J	0.68J	<0.017U	<0.029U	15.69
SSHS-B464	SSHS-B464-SUB-2-4	8/29/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.19J	0.079J	0.034J	<0.0034U	<0.0057U	0.324
SSHS-B464	SSHS-B464-SUB-4-6	8/29/2016	4-6	<0.43U	<0.67U	<0.23U	<0.34U	79J	27J	3.3J	<0.17U	<0.29U	110.4
SSHS-B464	SSHS-B464-SUB-6-8	8/29/2016	6-8	<1.7U	<2.7U	<0.95U	<1.4U	750J	270J	36J	<0.7U	<1.2U	1060
SSHS-B467	SSHS-B467-SUB-2-4	8/29/2016	2-4	<4.2U	<6.6U	<2.3U	<3.4U	2800J	900J	65J	<1.7U	<2.9U	3776
SSHS-B467	SSHS-B467-SUB-4-6	8/29/2016	4-6	<0.41U	<0.64U	<0.22U	<0.33U	220J	83J	5.3J	<0.17U	<0.28U	309.3
SSHS-B467	SSHS-B467-SUB-6-8	8/29/2016	6-8	<0.008U	<0.013U	<0.0044U	<0.0064U	0.025	<0.0064U	<0.006U	<0.0032U	<0.0054U	0.0514

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B468	SSHS-B468-SUB-2-4	8/24/2016	2-4	<0.41U	<0.65U	<0.23U	<0.33U	82J	24J	3.7J	<0.17U	<0.28U	110.7
SSHS-B468	SSHS-B468-SUB-4-6	8/24/2016	4-6	<0.0086U,F1	<0.014U	<0.0047U	<0.0069U	2J	0.58J	0.087J	<0.0035U	<0.0058U	2.689
SSHS-B469	SSHS-B469-SUB-10-12	8/29/2016	10-12	<1.8U	<2.8U	<0.98U	<1.4U	750J	250J	32J	<0.73U	<1.2U	1036
SSHS-B469	SSHS-B469-SUB-12-14	8/29/2016	12-14	<0.86U	<1.4U	<0.47U	<0.69U	410J	130J	15J	<0.35U	<0.58U	557.2
SSHS-B469	SSHS-B469-SUB-2-4	8/29/2016	2-4	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.17J	0.052J	<0.0064UJ	<0.0035U	<0.0058U	0.2464
SSHS-B469	SSHS-B469-SUB-6-8	8/29/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.007U	5.6J	2J	0.3J	<0.0035U	<0.0059U	7.922
SSHS-B469	SSHS-B469-SUB-8-10	8/29/2016	8-10	<0.44U	<0.69U	<0.24U	<0.35U	63J	22J	2.9J	<0.18U	<0.3U	89
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B470	SSHS-B470-SUB-10-12	8/29/2016	10-12	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.34J	0.13J	0.024J	<0.0034U	<0.0057U	0.515
SSHS-B470	SSHS-B470-SUB-12-14	8/29/2016	12-14	<0.042U	<0.067U	<0.023U	<0.034U	7.6J	3.3J	0.5J	<0.017U	<0.029U	11.51
SSHS-B470	SSHS-B470-SUB-6-8	8/29/2016	6-8	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.18J	0.1J	0.018J	<0.0034U	<0.0057U	0.3189
SSHS-B470	SSHS-B470-SUB-8-10	8/29/2016	8-10	<0.44U	<0.7U	<0.24U	<0.36U	120J	48J	6.1J	<0.18U	<0.3U	175.2
SSHS-B471	SSHS-B471-SUB-6-8	8/24/2016	6-8	<0.41U	<0.65U	<0.22U	<0.33U	43J	38J	3.2J	<0.17U	<0.28U	85.23
SSHS-B471	SSHS-B471-SUB-8-10	8/24/2016	8-10	<0.84U	<1.3U	<0.46U	<0.68U	<0.43U	320J	28J	<0.34U	<0.57U	350.3
SSHS-B472	SSHS-B472-SUB-8-10	8/24/2016	8-10	<0.0083U	<0.013U	<0.0045U	<0.0067U	0.41J	0.24J	0.033J	<0.0034U	<0.0056U	0.7038
SSHS-B473	SSHS-B473-SUB-4-6	8/30/2016	4-6	<0.0089U	<0.014U	<0.0048U	<0.0071U	0.14J	0.053J	<0.0066U	<0.0036U	<0.006U	0.2185
SSHS-B473	SSHS-B473-SUB-6-8	8/30/2016	6-8	<0.0083U	<0.013U	<0.0045U	<0.0067U	<0.0042U	<0.0067U	<0.0062U	<0.0034U	<0.0056U	<0.0586
SSHS-B473	SSHS-B473-SUB-8-10	8/30/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	<0.0045U	<0.0071U	<0.0066U	<0.0036U	<0.006U	<0.0625
SSHS-B474	SSHS-B474-SUB-10-12	8/24/2016	10-12	<0.0085U	<0.013U	<0.0047U	<0.0069U	1.5J	0.71J	0.088J	<0.0035U	<0.0058U	2.319
SSHS-B474	SSHS-B474-SUB-8-10	8/24/2016	8-10	<0.82U	<1.3U	<0.45U	<0.66U	300J	67J	11J	<0.33U	<0.56U	380.1
SSHS-B475	SSHS-B475-SUB-10-12	8/29/2016	10-12	<0.008U	<0.013U	<0.0044U	<0.0065U	0.061J	0.031J	<0.006U	<0.0033U	<0.0055U	0.1154
SSHS-B475	SSHS-B475-SUB-8-10	8/29/2016	8-10	<0.008U	<0.013U	<0.0044U	<0.0064U	0.6J	0.34J	0.054J	<0.0033U	<0.0054U	1.014
SSHS-B476	SSHS-B476-SUB-6-8	8/29/2016	6-8	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	<0.058
SSHS-B477	SSHS-B477-SUB-2-4	8/29/2016	2-4	<0.0084U	<0.013U	<0.0046U	<0.0068U	2.5J	1.1J	0.14J	<0.0034U	<0.0057U	3.761
SSHS-B477	SSHS-B477-SUB-4-6	8/29/2016	4-6	<0.41U	<0.65U	<0.23U	<0.33U	67J	25J	2.1J	<0.17U	<0.28U	95.14
SSHS-B477	SSHS-B477-SUB-6-8	8/29/2016	6-8	<0.43U	<0.67U	<0.23U	<0.34U	98J	35J	2.7J	<0.17U	<0.29U	136.8
SSHS-B478	SSHS-B478-SUB-10-12	8/25/2016	10-12	<0.0085U	<0.013U	<0.0046U	<0.0068U	0.43J	0.18J	0.072J	<0.0035U	<0.0057U	0.7031
SSHS-B478	SSHS-B478-SUB-12-14	8/25/2016	12-14	<0.0085U	<0.013U	<0.0047U	<0.0069U	7.8J	5J	0.67J	<0.0035U	<0.0058U	13.49
SSHS-B478	SSHS-B478-SUB-6-8	8/25/2016	6-8	<0.087U	<0.14U	<0.048U	<0.07U	21J	9.4J	1.1J	<0.036U	<0.059U	31.72
SSHS-B478	SSHS-B478-SUB-8-10	8/25/2016	8-10	<0.085U,F1	<0.13U	<0.047U	<0.069U	13J	7.7J	1.2J	<0.035U	<0.058U	22.11
SSHS-B479	SSHS-B479-SUB-10-12	8/29/2016	10-12	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0062U	<0.0034U	<0.0056U	<0.0583
SSHS-B479	SSHS-B479-SUB-4-6	8/29/2016	4-6	<0.042U	<0.066U	<0.023U	<0.034U	9.3J	4.7J	0.48J	<0.017U	<0.028U	14.59
SSHS-B479	SSHS-B479-SUB-6-8	8/29/2016	6-8	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0056U	<0.0581
SSHS-B480	SSHS-B480-SUB-10-12	8/29/2016	10-12	<0.0078U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0058U	<0.0032U	<0.0053U	<0.055
SSHS-B482	SSHS-B482-SUB-10-12	8/24/2016	10-12	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.4J	0.41J	0.15J	<0.0033U	<0.0055U	1.981
SSHS-B499	SSHS-B499-SUB-6-8	9/20/2016	6-8	<0.0082U	<0.013U	<0.0045U	<0.0066U	4J	3.4J	<0.0061U	<0.0033U	<0.0056U	7.424
SSHS-B499	SSHS-B499-SUB-8-10	9/20/2016	8-10	<0.085U	<0.13U	<0.047U	<0.069U	13J	4.3J	<0.064U	<0.035U	<0.058U	17.54
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-B500	SSHS-B500-SUB-6-8	9/1/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.0069U	1.6J	0.51J	<0.0064U	<0.0035U	<0.0058U	2.135
SSHS-B500	SSHS-B500-SUB-8-10	9/1/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	1J	0.33J	<0.0066U	<0.0036U	<0.0059U	1.355
SSHS-B502	SSHS-B502-SUB-2-4	9/1/2016	2-4	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.061J	0.044J	0.017J	<0.0032U	<0.0053U	0.1415
SSHS-B503	SSHS-B503-SUB-2-4	9/20/2016	2-4	<0.081U	<0.13U	<0.044U	<0.065U	18J	6.2J	0.91J	<0.033U	<0.055U	25.31
SSHS-B503	SSHS-B503-SUB-4-6	9/20/2016	4-6	<0.084U	<0.13U	<0.046U	<0.068U	20J	7.2J	1J	<0.034U	<0.057U	28.41
SSHS-B504	SSHS-B504-SUB-2-4	9/20/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	0.39J	0.12J	0.021J	<0.0034U	<0.0056U	0.5517
SSHS-B505	SSHS-B505-SUB-2-4	9/1/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	1.4J	0.79J	0.25J	<0.0033U	<0.0055U	2.461
SSHS-B505	SSHS-B505-SUB-4-6	9/1/2016	4-6	<0.0087U	<0.014U	<0.0048U	<0.0071U	0.22J	0.12J	0.037J	<0.0036U	<0.0059U	0.3991
SSHS-B506	SSHS-B506-SUB-2-4	9/1/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	5J	2.4J	0.64J	<0.0033U	<0.0055U	8.061
SSHS-B507	SSHS-B507-SUB-2-4	9/20/2016	2-4	<0.0082U	<0.013U	<0.0045U	<0.0066U	2.9J	1.2J	0.052J	<0.0033U	<0.0055U	4.173
SSHS-B507	SSHS-B507-SUB-4-6	9/20/2016	4-6	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.41J	0.14J	0.0099J	<0.0032U	<0.0054U	0.5795
SSHS-B508	SSHS-B508-SUB-4-6	9/20/2016	4-6	<0.085U	<0.13U	<0.047U	<0.069U	33J	13J	2.1J	<0.035U	<0.058U	48.31
SSHS-B509	SSHS-B509-SUB-6-8	9/1/2016	6-8	<0.008U	<0.013U	<0.0044U	<0.0065U	0.012J	<0.0065U	<0.006U	<0.0033U	<0.0054U	0.03855
SSHS-B509	SSHS-B509-SUB-8-10	9/1/2016	8-10	<0.0085U	<0.013U	<0.0046U	<0.0068U	2	<0.0068U	<0.0064U	<0.0035U	<0.0058U	2.028
SSHS-B510	SSHS-B510-SUB-10-12	9/20/2016	10-12	<0.086U	<0.14U	<0.047U	<0.069U	25J	7.4J	0.41J	<0.035U	<0.058U	33.03
SSHS-B510	SSHS-B510-SUB-12-14	9/20/2016	12-14	<0.042U	<0.066U	<0.023U	<0.034U	11J	3.3J	0.2J	<0.017U	<0.028U	14.61
SSHS-B510	SSHS-B510-SUB-14-16	9/20/2016	14-16	<0.083U	<0.13U	<0.045U	<0.067U	29J	9.1J	<0.062U	<0.034U	<0.056U	38.34
SSHS-B510	SSHS-B510-SUB-16-18	9/20/2016	16-18	<0.41U	<0.65U	<0.23U	<0.33U	83J	23J	<0.31U	<0.17U	<0.28U	107.2
SSHS-B510	SSHS-B510-SUB-18-20	9/20/2016	18-20	<0.083U	<0.13U	<0.046U	<0.067U	15J	4.8J	<0.062U	<0.034U	<0.056U	20.04
SSHS-B510	SSHS-B510-SUB-6-8	9/20/2016	6-8	<0.087U	<0.14U	<0.048U	<0.07U	19J	5.3J	<0.065U	<0.036U	<0.059U	24.55
SSHS-B510	SSHS-B510-SUB-8-10	9/20/2016	8-10	<0.17U	<0.26U	<0.09U	<0.13U	41J	11J	0.64J	<0.067U	<0.11U	53.05
SSHS-B512	SSHS-B512-SUB-8-10	9/20/2016	8-10	<0.042U	<0.066U	<0.023U	<0.034U	8.9J	2.6J	0.24J	<0.017U	<0.028U	11.85
SSHS-B513	SSHS-B513-SUB-10-12	9/1/2016	10-12	<0.0084U	<0.013U	<0.0046U	<0.0068U	0.012J	<0.0068U	<0.0063U	<0.0034U	<0.0057U	0.0395
SSHS-B513	SSHS-B513-SUB-8-10	9/1/2016	8-10	<0.0083U	<0.013U	<0.0046U	<0.0067U	0.099	<0.0067U	<0.0062U	<0.0034U	<0.0056U	0.1263
SSHS-B514	SSHS-B514-SUB-2-4	9/20/2016	2-4	<0.082U	<0.13U	<0.045U	<0.066U	18J	8.1J	1.9J	<0.034U	<0.056U	28.21
SSHS-B514	SSHS-B514-SUB-4-6	9/20/2016	4-6	<0.1U	<0.16U	<0.055U	<0.081U	17J	7.8J	1.7J	<0.041U	<0.068U	26.75
SSHS-B515	SSHS-B515-SUB-2-4	9/20/2016	2-4	<0.042U	<0.067U	<0.023U	<0.034U	7.8J	4.1J	1.2J	<0.017U	<0.029U	13.21
SSHS-B515	SSHS-B515-SUB-4-6	9/20/2016	4-6	<0.0087U	<0.014U	<0.0047U	<0.007U	2J	1.5J	0.47J	<0.0035U	<0.0059U	3.992
SSHS-B516	SSHS-B516-SUB-2-4	8/23/2016	2-4	<0.04U	<0.063U	<0.022U	<0.032U	7.2J	3.3J	0.46J	<0.016U	<0.027U	11.06
SSHS-B516	SSHS-B516-SUB-4-6	8/23/2016	4-6	<0.0081U	<0.013U	<0.0044U	<0.0065U	3.2J	1.2J	0.22J	<0.0033U	<0.0055U	4.64
SSHS-B517	SSHS-B517-SUB-10-12	9/23/2016	10-12	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.0095J	<0.0063U	<0.0059U	<0.0032U	<0.0053U	0.03505
SSHS-B517	SSHS-B517-SUB-12-14	9/23/2016	12-14	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	2.8J	0.49J	<0.0032U	<0.0054U	3.312
SSHS-B517	SSHS-B517-SUB-2-4	9/23/2016	2-4	<0.39U	<0.62U	<0.21U	<0.31U	49J	22J	5.9J	<0.16U	<0.26U	77.88
SSHS-B517	SSHS-B517-SUB-4-6	9/23/2016	4-6	<0.0079U,F2	<0.012U	<0.0043U	<0.0063U	4.9J	2.3J	0.6J	<0.0032U	<0.0053U	7.82
SSHS-B517	SSHS-B517-SUB-6-8	9/23/2016	6-8	<0.0079U	<0.012U	<0.0043U	<0.0064U	0.014J,B	<0.0064U	<0.0059U	<0.0032U	<0.0053U	0.0397
SSHS-B517	SSHS-B517-SUB-8-10	9/23/2016	8-10	<0.081U	<0.13U	<0.044U	<0.065U	17J	7.9J	1.6J	<0.033U	<0.055U	26.7
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	<0.036U	-	-	<0
SSHS-B520	SSHS-B520-SUB-2-4	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-B520	SSHS-B520-SUB-4-6	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-B520	SSHS-B520-SUB-6-8	9/22/2016	6-8	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0.0612
SSHS-B520	SSHS-B520-SUB-8-10	9/22/2016	8-10	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.5J	0.14J	0.018J	<0.0036U	<0.0059U	0.6801
SSHS-B532	SSHS-B532-SUB-4-6	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
SSHS-B532	SSHS-B532-SUB-6-8	9/22/2016	6-8	<0.009U	<0.014U	<0.0049U	<0.0073U	<0.0046U	<0.0073U	<0.0067U	<0.0037U	<0.0061U	<0.0636
SSHS-B532	SSHS-B532-SUB-8-10	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
SSHS-B533	SSHS-B533-SUB-8-10	9/22/2016	8-10	<0.0085U	<0.013U	<0.0047U	<0.0069U	2.3J	0.74J	0.1J	<0.0035U	<0.0058U	3.161
SSHS-B534	SSHS-B534-SUB-8-10	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
SSHS-B535	SSHS-B535-SUB-8-10	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
SSHS-B536	SSHS-B536-SUB-4-6	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-B536	SSHS-B536-SUB-6-8	9/21/2016	6-8	<0.0085U	<0.013U	<0.0047U	<0.0069U	0.19J	0.088J	0.019J	<0.0035U	<0.0058U	0.3182
SSHS-B536	SSHS-B536-SUB-8-10	9/21/2016	8-10	<0.0092U	<0.015U	<0.005U	<0.0074U	1.2J	0.58J	0.11J	<0.0038U	<0.0062U	1.913
SSHS-B537	SSHS-B537-SUB-10-12	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	SSHS-B538-SUB-10-12	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-B54	B54-4-6	9/13/2000	4-6	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-B540	SSHS-B540-SUB-8-10	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
SSHS-B542	SSHS-B542-SUB-10-12	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	SSHS-B543-SUB-10-12	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-B543	SSHS-B543-SUB-8-10	9/21/2016	8-10	<0.046U	<0.072U	<0.025U	<0.037U	8J	2.5J	0.42J	<0.019U	<0.031U	11.04
SSHS-B544	SSHS-B544-SUB-8-10	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
SSHS-B545	SSHS-B545-SUB-10-12	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-B545	SSHS-B545-SUB-8-10	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
SSHS-B549	SSHS-B549-SUB-6-8	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
SSHS-B550	SSHS-B550-SUB-4-6	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
SSHS-B550	SSHS-B550-SUB-6-8	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
SSHS-B550	SSHS-B550-SUB-8-10	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
SSHS-B552	SSHS-B552-SUB-4-6	9/21/2016	4-6	<0.17U	<0.28U	<0.095U	<0.14U	53J	14J	1.8J	<0.071U	<0.12U	69.24
SSHS-B552	SSHS-B552-SUB-6-8	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
SSHS-B552	SSHS-B552-SUB-8-10	9/21/2016	8-10	<0.0094U	<0.015U	<0.0052U	<0.0076U	1.1J	0.34J	0.054J	<0.0038U	<0.0064U	1.518
SSHS-B554	SSHS-B554-SUB-2-4	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	SSHS-B555-SUB-10-12	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-B555	SSHS-B555-SUB-12-14	9/16/2016	12-14	<0.0095U	<0.015U	<0.0052U	<0.0076U	0.053J	0.017J	<0.0071U	<0.0039U	<0.0064U	0.09735
SSHS-B555	SSHS-B555-SUB-2-4	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-B555	SSHS-B555-SUB-4-6	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-B555	SSHS-B555-SUB-6-8	9/16/2016	6-8	<0.0088U	<0.014U	<0.0048U	<0.0071U	0.011J	<0.0071U	<0.0066U	<0.0036U	<0.006U	0.04
SSHS-B555	SSHS-B555-SUB-8-10	9/16/2016	8-10	<0.0086U	<0.013U	<0.0047U	<0.0069U	0.024	<0.0069U	<0.0064U	<0.0035U	<0.0058U	0.0519
SSHS-B556	SSHS-B556-SUB-10-12	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-B556	SSHS-B556-SUB-12-14	9/16/2016	12-14	<0.0091U	<0.014U	<0.005U	<0.0074U	1.3J	0.47J	0.067J	<0.0037U	<0.0062U	1.86
SSHS-B556	SSHS-B556-SUB-4-6	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-B556	SSHS-B556-SUB-6-8	9/16/2016	6-8	<0.0087U	<0.014U	<0.0048U	<0.007U	0.31J	0.14J	0.04J	<0.0035U	<0.0059U	0.512
SSHS-B556	SSHS-B556-SUB-8-10	9/23/2016	8-10	<0.0093U	<0.015U	<0.0051U	<0.0075U	0.35J	0.15J	0.055J	<0.0038U	<0.0063U	0.5785

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B557	SSHS-B557-SUB-10-12	9/7/2016	10-12	<0.00022U	<0.00035U	<0.00012U	<0.00018U	0.00024J	<0.00018U	<0.00016U	<0.000089U	<0.00015U	0.0009645
SSHS-B557	SSHS-B557-SUB-12-14	9/7/2016	12-14	<0.00021U	<0.00034U	<0.00012U	<0.00017U	0.0098J	0.0073J	0.0015J	<0.000087U	<0.00014U	0.01913
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.28J	0.25J	0.055J	<0.00042U	<0.00069U	0.5876
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.25J	0.17J	0.028J	<0.00042U	<0.0007U	0.4506
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	<0.00022U,F2,F1	<0.00034U	<0.00012U	<0.00018U	<0.00011U	<0.00018U	<0.00016U,F2,F1	<0.000089U	<0.00015U	<0.001549
SSHS-B557	SSHS-B557-SUB-8-10	9/7/2016	8-10	<0.001U	<0.0016U	<0.00056U	<0.00083U	0.28J	0.22J	0.11J	<0.00042U	<0.0007U	0.6126
SSHS-B558	SSHS-B558-SUB-10-12	9/7/2016	10-12	<0.00021U	<0.00034U	<0.00012U	<0.00017U	0.00027J	0.00024J	0.00018J	<0.000088U	<0.00015U	0.001229
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	<0.00021U	<0.00033U	<0.00011U	<0.00017U	0.00021J	<0.00017U	<0.00016U	<0.000085U	<0.00014U	0.0008975
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	<0.00021U	<0.00033U	<0.00011U	<0.00017U	0.07J	0.036J	0.0057J	<0.000085U	<0.00014U	0.1122
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	<0.00022U	<0.00034U	<0.00012U	<0.00017U	0.0014J	0.0012J	0.00045J	<0.000088U	<0.00015U	0.003594
SSHS-B558	SSHS-B558-SUB-8-10	9/7/2016	8-10	<0.0022U	<0.0034U	<0.0012U	<0.0018U	0.18J	0.092J	0.014J	<0.00089U	<0.0015U	0.2915
SSHS-B559	SSHS-B559-SUB-10-12	9/7/2016	10-12	<0.00023U	<0.00036U	<0.00012U	<0.00018U	0.053J	0.037J	0.0072J	<0.000092U	<0.00015U	0.09777
SSHS-B559	SSHS-B559-SUB-2-4	9/7/2016	2-4	<0.0021U	<0.0032U	<0.0011U	<0.0017U	0.049J	0.031J	0.0064J	<0.00084U	<0.0014U	0.09157
SSHS-B559	SSHS-B559-SUB-4-6	9/7/2016	4-6	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.64J	0.4J	0.057J	<0.00083U	<0.0014U	1.102
SSHS-B559	SSHS-B559-SUB-6-8	9/7/2016	6-8	<0.00021U	<0.00034U	<0.00012U	<0.00017U	<0.00011U	<0.00017U	<0.00016U	<0.000087U	<0.00014U	<0.001507
SSHS-B559	SSHS-B559-SUB-8-10	9/7/2016	8-10	<0.001U	<0.0016U	<0.00055U	<0.00081U	0.26J	0.15J	0.024J	<0.00041U	<0.00068U	0.4365
SSHS-B560	SSHS-B560-SUB-10-12	9/7/2016	10-12	<0.00022U	<0.00035U	<0.00012U	<0.00018U	<0.00011U	0.00025J	<0.00016U	<0.00009U	<0.00015U	0.00094
SSHS-B560	SSHS-B560-SUB-2-4	9/7/2016	2-4	<0.001U	<0.0016U	<0.00055U	<0.00081U	0.18J	0.12J	0.033J	<0.00041U	<0.00068U	0.3355
SSHS-B560	SSHS-B560-SUB-4-6	9/7/2016	4-6	<0.0021U	<0.0033U	<0.0011U	<0.0017U	0.39J	0.26J	0.046J	<0.00086U	<0.0014U	0.7012
SSHS-B560	SSHS-B560-SUB-6-8	9/7/2016	6-8	<0.00021U	<0.00033U	<0.00012U	<0.00017U	0.0046J	0.0036J	0.00045J	<0.000087U	<0.00014U	0.009179
SSHS-B560	SSHS-B560-SUB-8-10	9/7/2016	8-10	<0.002U	<0.0032U	<0.0011U	<0.0016U	0.49J	0.35J	0.066J	<0.00083U	<0.0014U	0.9111
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.0081U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	<0.0579
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<0.041U	<0.065U	<0.023U	<0.033U	2.5J	0.64J	0.09J	<0.017U	<0.028U	3.334
SSHS-B572	SSHS-B572-SUB-2-4	8/30/2016	2-4	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	<0.0572
SSHS-B572	SSHS-B572-SUB-4-6	8/30/2016	4-6	<0.0082U	<0.013U	<0.0045U	<0.0066U	<0.0042U	<0.0066U	<0.0061U	<0.0033U	<0.0055U	<0.058
SSHS-B572	SSHS-B572-SUB-6-8	8/30/2016	6-8	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0033U	<0.0054U	<0.057
SSHS-B572	SSHS-B572-SUB-8-10	8/30/2016	8-10	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	<0.0572
SSHS-B577	SSHS-B577-SUB-2-4	2/10/2017	2-4	<0.0096U	<0.0094U	<0.0071U	<0.014U	0.73J	0.42J	0.15J	<0.0055U	<0.013U	1.3
SSHS-B578	SSHS-B578-SUB-2-4	2/15/2017	2-4	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.4J	0.53J	0.25J	<0.0056U	<0.013U	1.21
SSHS-B579	SSHS-B579-SUB-2-4	2/15/2017	2-4	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
SSHS-B580	SSHS-B580-SUB-2-4	2/10/2017	2-4	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.43J	0.18J	0.087J	<0.0056U	<0.013U	0.697
SSHS-B581	SSHS-B581-SUB-2-4	2/14/2017	2-4	<0.0094U	<0.0092U	<0.007U	<0.014U	0.086J	0.046J	<0.012U	<0.0054U	<0.013U	0.132
SSHS-B582	SSHS-B582-SUB-2-4	2/14/2017	2-4	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.24J	0.12J	0.047J	<0.0055U	<0.013U	0.407
SSHS-B583	SSHS-B583-SUB-2-4	2/14/2017	2-4	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.053J	0.045J	0.024J	<0.0054U	<0.013U	0.122
SSHS-B584	SSHS-B584-SUB-2-4	2/14/2017	2-4	<0.0095U	<0.0093U	<0.0071U	<0.014U	1.7J	0.69J	0.35J	<0.0054U	<0.013U	2.74
SSHS-B585	SSHS-B585-SUB-2-4	2/10/2017	2-4	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.068	0.033	<0.0056U	<0.013U	0.231
SSHS-B586	SSHS-B586-SUB-2-4	2/10/2017	2-4	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.46	0.16	0.079	<0.0055U	<0.013U	0.7282
SSHS-B586	SSHS-B586-SUB-4-6	2/10/2017	4-6	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.07	0.025	<0.012U	<0.0053U	<0.013U	0.1298
SSHS-B590	SSHS-B590-SUB-4-6	2/15/2017	4-6	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0.0928
SSHS-B594	SSHS-B594-SUB-2-4	2/15/2017	2-4	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.36	0.24	0.12	<0.0056U	<0.013U	0.7501
SSHS-B619	SSHS-B619-SUB-10-12	2/14/2017	10-12	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
SSHS-B619	SSHS-B619-SUB-2-4	2/14/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.8J	0.61J	0.11J	<0.0055U	<0.013U	2.52
SSHS-B619	SSHS-B619-SUB-4-6	2/14/2017	4-6	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.71J	0.27J	0.046J	<0.0055U	<0.013U	1.026
SSHS-B619	SSHS-B619-SUB-6-8	2/14/2017	6-8	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.082J	0.043J	<0.012U	<0.0055U	<0.013U	0.125
SSHS-B619	SSHS-B619-SUB-8-10	2/14/2017	8-10	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.42J	0.16J	0.027J	<0.0055U	<0.013U	0.607
SSHS-B620	SSHS-B620-SUB-10-12	2/13/2017	10-12	<0.0093U	<0.009U	<0.0069U	<0.014U	0.017	<0.0077U	<0.012U	<0.0053U	<0.013U	0.017
SSHS-B620	SSHS-B620-SUB-2-4	2/13/2017	2-4	<0.097U	<0.095U	<0.073U	<0.15U	21J	8.2J	1.6J	<0.056U	<0.13U	30.8
SSHS-B620	SSHS-B620-SUB-4-6	2/13/2017	4-6	<0.1U	<0.099U	<0.076U	<0.15U	9.2J	3.4J	0.6J	<0.059U	<0.14U	13.2
SSHS-B620	SSHS-B620-SUB-6-8	2/13/2017	6-8	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6J	0.58J	0.15J	<0.0058U	<0.014U	2.33
SSHS-B620	SSHS-B620-SUB-8-10	2/13/2017	8-10	<0.0099U	<0.0096U	<0.0074U	<0.015U	3.4J	1.2J	0.23J	<0.0057U	<0.013U	4.83
SSHS-B621	SSHS-B621-SUB-10-12	2/13/2017	10-12	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.62J	0.17J	0.036J	<0.0056U	<0.013U	0.826
SSHS-B621	SSHS-B621-SUB-12-14	2/13/2017	12-14	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.18	0.088	<0.012U	<0.0056U	<0.013U	0.3041
SSHS-B621	SSHS-B621-SUB-14-16	2/13/2017	14-16	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.029	0.027	<0.012U	<0.0057U	<0.013U	0.0923
SSHS-B621	SSHS-B621-SUB-6-8	2/13/2017	6-8	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.026J	0.0094J	<0.012U	<0.0056U	<0.013U	0.0354
SSHS-B621	SSHS-B621-SUB-8-10	2/13/2017	8-10	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.31J	0.099J	0.025J	<0.0056U	<0.013U	0.434
SSHS-B622	SSHS-B622-SUB-10-12	2/16/2017	10-12	<0.0093U	<0.0091U	<0.007U	<0.014U	0.042J	0.016J	<0.012U	<0.0054U	<0.013U	0.0929
SSHS-B622	SSHS-B622-SUB-4-6	2/16/2017	4-6	<0.097U	<0.095U	<0.073U	<0.15U	17J	4.9J	0.88J	<0.056U	<0.13U	23.08
SSHS-B622	SSHS-B622-SUB-6-8	2/16/2017	6-8	<0.0097U	<0.0095U	<0.0073U	<0.015U	1.7	0.87	0.13	<0.0056U	<0.013U	2.73
SSHS-B622	SSHS-B622-SUB-8-10	2/16/2017	8-10	<0.0095U	<0.0093U	<0.0071U	<0.014U	4.7	2.1	0.12	<0.0055U	<0.013U	6.949
SSHS-B623	SSHS-B623-SUB-10-12	2/16/2017	10-12	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
SSHS-B623	SSHS-B623-SUB-2-4	2/16/2017	2-4	<0.095U	<0.093U	<0.071U	<0.14U	8.2J	4.2J	0.5J	<0.054U	<0.13U	13.19
SSHS-B623	SSHS-B623-SUB-4-6	2/16/2017	4-6	<0.01U	<0.0097U	<0.0074U	<0.015U	1.1J	0.34J	0.075J	<0.0057U	<0.013U	1.545
SSHS-B624	SSHS-B624-SUB-10-12	2/9/2017	10-12	<0.011U	<0.011U	<0.008U	<0.016U	<0.0097U	<0.0089U	<0.014U	<0.0062U	<0.015U	<0.0998
SSHS-B624	SSHS-B624-SUB-12-14	2/9/2017	12-14	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.37	0.13	0.032	<0.0055U	<0.013U	0.5614
SSHS-B624	SSHS-B624-SUB-14-16	2/9/2017	14-16	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
SSHS-B624	SSHS-B624-SUB-2-4	2/9/2017	2-4	<0.0097U	<0.0095U	<0.0072U	<0.015U	1.6J	0.68J	0.096J	<0.0056U	<0.013U	2.406
SSHS-B624	SSHS-B624-SUB-4-6	2/9/2017	4-6	<0.01U	<0.0098U	<0.0075U	<0.015U	0.29J	0.16J	0.02J	<0.0058U	<0.014U	0.5011
SSHS-B624	SSHS-B624-SUB-6-8	2/9/2017	6-8	<0.01U	<0.0098U	<0.0075U	<0.015U	0.013J	0.011J	<0.013U	<0.0058U	<0.014U	0.06155
SSHS-B624	SSHS-B624-SUB-8-10	2/9/2017	8-10	<0.0098U	<0.0096U	<0.0073U	<0.015U	1J	0.61J	0.091J	<0.0057U	<0.013U	1.731
SSHS-B625	SSHS-B625-SUB-10-12	2/8/2017	10-12	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B625	SSHS-B625-SUB-12-14	2/8/2017	12-14	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
SSHS-B625A	SSHS-B625A-SUB-10-12	7/11/2017	10-12	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.03	0.03	<0.012U	<0.0056U	<0.013U	0.09615
SSHS-B626	SSHS-B626-SUB-10-12	2/9/2017	10-12	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	0.032	<0.0055U	<0.013U	0.0697
SSHS-B626	SSHS-B626-SUB-12-14	2/9/2017	12-14	<0.0094U	<0.0092U	<0.007U	<0.014U	1.1J	0.39J	0.08J	<0.0054U	<0.013U	1.599
SSHS-B627	SSHS-B627-SUB-12-14	2/8/2017	12-14	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.3J	0.25J	0.11J	<0.0055U	<0.013U	0.6892
SSHS-B628	SSHS-B628-SUB-12-14	2/9/2017	12-14	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.32J	0.29J	0.065J	<0.0056U	<0.013U	0.7052
SSHS-B629	SSHS-B629-SUB-12-14	2/9/2017	12-14	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B629	SSHS-B629-SUB-6-8	2/9/2017	6-8	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0868
SSHS-B629	SSHS-B629-SUB-8-10	2/9/2017	8-10	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.017J	0.013J	<0.012U	<0.0056U	<0.013U	0.066
SSHS-B629A	SSHS-B629A-SUB-6-8	7/10/2017	6-8	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B629A	SSHS-B629A-SUB-8-10	7/10/2017	8-10	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0862
SSHS-B630	SSHS-B630-SUB-10-12	2/14/2017	10-12	<0.5U	<0.49U	<0.37U	<0.75U	46J	11J	2.2J	<0.29U	<0.67U	59.2
SSHS-B630	SSHS-B630-SUB-12-14	2/14/2017	12-14	<0.98U	<0.96U	<0.73U	<1.5U	180J	40J	8.7J	<0.56U	<1.3U	228.7
SSHS-B630	SSHS-B630-SUB-14-16	2/14/2017	14-16	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.046	<0.012U	<0.0057U	<0.013U	0.2524
SSHS-B630	SSHS-B630-SUB-8-10	2/14/2017	8-10	<5.2U	<5.1U	<3.9U	<7.8U	1000J	250J	53J	<3U	<7.1U	1303
SSHS-B630A	SSHS-B630A-SUB-14-16	7/12/2017	14-16	<0.0096U	<0.0094U	<0.0072U	<0.014U	1.7	0.45	0.051	<0.0055U	<0.013U	2.23
SSHS-B631	SSHS-B631-SUB-12-14	2/16/2017	12-14	<0.0093U	<0.0091U	<0.007U	<0.014U	0.092J	0.036J	<0.012U	<0.0054U	<0.013U	0.1629
SSHS-B631	SSHS-B631-SUB-14-16	2/16/2017	14-16	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0827
SSHS-B632	SSHS-B632-SUB-10-12	2/10/2017	10-12	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0
SSHS-B632	SSHS-B632-SUB-12-14	2/10/2017	12-14	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.023J	0.012J	<0.012U	<0.0055U	<0.013U	0.035
SSHS-B632	SSHS-B632-SUB-4-6	2/10/2017	4-6	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0
SSHS-B632	SSHS-B632-SUB-6-8	2/10/2017	6-8	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0
SSHS-B632	SSHS-B632-SUB-8-10	2/10/2017	8-10	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.033J	0.02J	<0.012U	<0.0056U	<0.013U	0.053
SSHS-B632A	SSHS-B632A-SUB-10-12	7/11/2017	10-12	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
SSHS-B632A	SSHS-B632A-SUB-12-14	7/11/2017	12-14	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0889
SSHS-B632A	SSHS-B632A-SUB-4-6	7/11/2017	4-6	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0.0896
SSHS-B632A	SSHS-B632A-SUB-6-8	7/11/2017	6-8	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0.0926
SSHS-B632A	SSHS-B632A-SUB-8-10	7/11/2017	8-10	<0.01U	<0.0099U	<0.0076U	<0.015U	<0.0091U	<0.0084U	<0.013U	<0.0058U	<0.014U	<0.0928
SSHS-B632B	SSHS-B632B-SUB-10-12	7/13/2017	10-12	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.01J	<0.0077U	<0.012U	<0.0053U	<0.013U	0.04865
SSHS-B632B	SSHS-B632B-SUB-6-8	7/13/2017	6-8	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0.0926
SSHS-B633	SSHS-B633-SUB-10-12	2/10/2017	10-12	<1U	<0.98U	<0.75U	<1.5U	240J	120J	13J	<0.58U	<1.4U	373
SSHS-B633	SSHS-B633-SUB-12-14	2/10/2017	12-14	<0.049U	<0.048U	<0.037U	<0.074U	11J	4.7J	0.75J	<0.028U	<0.067U	16.45
SSHS-B633	SSHS-B633-SUB-4-6	2/10/2017	4-6	<0.0098U	<0.0095U	<0.0073U	<0.015U	3.6J	0.82J	0.18J	<0.0056U	<0.013U	4.6
SSHS-B633	SSHS-B633-SUB-6-8	2/10/2017	6-8	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.16J	0.084J	<0.012U	<0.0055U	<0.013U	0.244
SSHS-B633	SSHS-B633-SUB-8-10	2/10/2017	8-10	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.2J	0.73J	0.097J	<0.0056U	<0.013U	3.027
SSHS-B634	SSHS-B634-SUB-12-14	2/10/2017	12-14	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.087J	0.046J	<0.012U	<0.0055U	<0.013U	0.133
SSHS-B634	SSHS-B634-SUB-2-4	2/10/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.16	0.094	0.02	<0.0055U	<0.013U	0.3034
SSHS-B634	SSHS-B634-SUB-4-6	2/10/2017	4-6	<0.0001U	<0.0001U	<0.000078U	<0.00016U	0.0015	0.00057	<0.00013U	<0.00006U	<0.00014U	0.002454
SSHS-B634	SSHS-B634-SUB-8-10	2/10/2017	8-10	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.11J	0.044J	<0.012U	<0.0057U	<0.013U	0.154
SSHS-B635	SSHS-B635-SUB-12-14	2/16/2017	12-14	<0.01U	<0.0099U	<0.0076U	<0.015U	1.1J	0.39J	0.1J	<0.0058U	<0.014U	1.621
SSHS-B635	SSHS-B635-SUB-8-10	2/16/2017	8-10	<0.096U	<0.094U	<0.072U	<0.14U	12J	4.7J	0.9J	<0.055U	<0.13U	17.89
SSHS-B64	SSHS-B64-10-12 (11)	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-B64	SSHS-B64-4-6 (5)	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
SSHS-B64	SSHS-B64-6-9 (9)	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-B644	SSHS-B644-SUB-10-12	2/9/2017	10-12	<0.097U	<0.095U	<0.073U	<0.15U	10J	4.2J	0.44J	<0.056U	<0.13U	14.94
SSHS-B644	SSHS-B644-SUB-12-14	2/9/2017	12-14	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.061	0.017J	<0.012U	<0.0055U	<0.013U	0.1133
SSHS-B644	SSHS-B644-SUB-14-16	2/9/2017	14-16	<0.092U	<0.089U	<0.068U	<0.14U	16	6.1	0.74	<0.053U	<0.12U	23.12

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B645	SSHS-B645-SUB-10-12	2/13/2017	10-12	<0.046U	<0.045U	<0.035U	<0.069U	5.8J	2.7J	0.89J	<0.027U	<0.063U	9.39
SSHS-B645	SSHS-B645-SUB-12-14	2/13/2017	12-14	<0.0094U	<0.0092U	<0.007U	<0.014U	4.2	1.7	0.37	<0.0054U	<0.013U	6.299
SSHS-B645	SSHS-B645-SUB-14-16	2/13/2017	14-16	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.046	0.032	<0.012U	<0.0055U	<0.013U	0.1133
SSHS-B646	SSHS-B646-SUB-10-12	2/13/2017	10-12	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.081J	0.018J	<0.012U	<0.0055U	<0.013U	0.099
SSHS-B646	SSHS-B646-SUB-12-14	2/13/2017	12-14	<4.8U	<4.7U	<3.6U	<7.1U	220	90	13	<2.7U	<6.4U	337.7
SSHS-B646	SSHS-B646-SUB-14-16	2/13/2017	14-16	<0.0095U	<0.0093U	<0.0071U	0.96	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	0.9963
SSHS-B647	SSHS-B647-SUB-14-16	2/16/2017	14-16	<0.047U	<0.046U	<0.035U	<0.07U	11J	2.8J	0.53J	<0.027U	<0.064U	14.47
SSHS-B649	SSHS-B649-SUB-2-4	2/9/2017	2-4	<0.01U	<0.0098U	<0.0075U	<0.015U	2.6J	0.88J	0.12J	<0.0058U	<0.014U	3.631
SSHS-B65	SSHS-B65-10-12 (11)	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-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.14U	<0.18U	<0.16U	<0.15U	71	<0.13U	5.4	<0.12U	<0.2U	76.4
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<0.0031U	<0.004U	<0.0036U	<0.0034U	2	<0.003U	0.17	<0.0027U	<0.0046U	2.17
SSHS-B650	SSHS-B650-SUB-10-12	2/14/2017	10-12	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023J	0.016J	<0.012U	<0.0057U	<0.013U	0.039
SSHS-B650	SSHS-B650-SUB-12-14	2/14/2017	12-14	<0.0094U	<0.0092U	<0.007U	<0.014U	1.3	0.4	0.087	<0.0054U	<0.013U	1.816
SSHS-B650	SSHS-B650-SUB-14-16	2/14/2017	14-16	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.087
SSHS-B650	SSHS-B650-SUB-2-4	2/14/2017	2-4	<0.098U	<0.095U	<0.073U	<0.15U	12J	3.9J	0.77J	<0.056U	<0.13U	16.67
SSHS-B650	SSHS-B650-SUB-4-6	2/14/2017	4-6	<0.0097U	<0.0095U	<0.0072U	<0.015U	2J	0.78J	0.14J	<0.0056U	<0.013U	2.92
SSHS-B650	SSHS-B650-SUB-6-8	2/14/2017	6-8	<0.1U	<0.1U	<0.077U	<0.15U	15J	5.1J	0.89J	<0.059U	<0.14U	20.99
SSHS-B650	SSHS-B650-SUB-8-10	2/14/2017	8-10	<0.0099U	<0.0097U	<0.0074U	<0.015U	1.4J	0.45J	0.086J	<0.0057U	<0.013U	1.936
SSHS-B651	SSHS-651-SUB-2-4	2/14/2017	2-4	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39J	0.18J	0.036J	<0.0055U	<0.013U	0.606
SSHS-B651	SSHS-B651-SUB-10-12	2/14/2017	10-12	<0.011U	<0.01U	<0.0079U	<0.016U	<0.0095U	<0.0087U	<0.013U	<0.0061U	<0.014U	<0
SSHS-B651	SSHS-B651-SUB-12-14	2/14/2017	12-14	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.05	0.019	<0.012U	<0.0053U	<0.013U	0.1038
SSHS-B651	SSHS-B651-SUB-14-16	2/14/2017	14-16	<0.009U	<0.0088U	<0.0067U	<0.014U	<0.0081U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0823
SSHS-B651	SSHS-B651-SUB-4-6	2/14/2017	4-6	<0.0094U	<0.0091U	<0.007U	<0.014U	0.42J	0.19J	0.03J	<0.0054U	<0.013U	0.64
SSHS-B651	SSHS-B651-SUB-6-8	2/14/2017	6-8	<0.011U	<0.011U	<0.0081U	<0.016U	<0.0098U	<0.009U	<0.014U	<0.0063U	<0.015U	<0
SSHS-B651	SSHS-B651-SUB-8-10	2/14/2017	8-10	<0.01U	<0.01U	<0.0078U	<0.016U	0.64J	0.29J	0.049J	<0.006U	<0.014U	0.979
SSHS-B652	SSHS-B652-SUB-10-12	2/14/2017	10-12	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.056J	0.019J	<0.011U	<0.0052U	<0.012U	0.075
SSHS-B652	SSHS-B652-SUB-12-14	2/14/2017	12-14	<0.094U	<0.092U	<0.07U	<0.14U	15	3.6	0.64	<0.054U	<0.13U	19.53
SSHS-B652	SSHS-B652-SUB-14-16	2/14/2017	14-16	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.33	0.12	<0.012U	<0.0053U	<0.012U	0.4841
SSHS-B652	SSHS-B652-SUB-2-4	2/14/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.5J	1.1J	0.23J	<0.0055U	<0.013U	5.83
SSHS-B652	SSHS-B652-SUB-4-6	2/14/2017	4-6	<1U	<0.98U	<0.75U	<1.5U	150J	39J	6.7J	<0.58U	<1.4U	195.7
SSHS-B652	SSHS-B652-SUB-6-8	2/14/2017	6-8	<0.99U	<0.96U	<0.74U	<1.5U	77J	21J	3.6J	<0.57U	<1.3U	101.6
SSHS-B652	SSHS-B652-SUB-8-10	2/14/2017	8-10	<0.97U	<0.95U	<0.72U	<1.5U	84J	21J	3.7J	<0.56U	<1.3U	108.7
SSHS-B653	SSHS-B653-SUB-10-12	2/14/2017	10-12	<0.1U	<0.1U	<0.076U	<0.15U	5.6J	1.5J	0.3J	<0.059U	<0.14U	7.4
SSHS-B653	SSHS-B653-SUB-12-14	2/14/2017	12-14	<0.0096U	<0.0094U	<0.0072U	<0.014U	4.1	1.1	0.21	<0.0055U	<0.013U	5.439
SSHS-B653	SSHS-B653-SUB-14-16	2/14/2017	14-16	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.28	0.074	<0.012U	<0.0053U	<0.013U	0.3888
SSHS-B653	SSHS-B653-SUB-4-6	2/14/2017	4-6	<0.099U	<0.097U	<0.074U	<0.15U	9.9J	2.8J	0.52J	<0.057U	<0.13U	13.22
SSHS-B653	SSHS-B653-SUB-6-8	2/14/2017	6-8	<0.1U	<0.099U	<0.076U	<0.15U	17J	5.9J	0.77J	<0.058U	<0.14U	23.67
SSHS-B653	SSHS-B653-SUB-8-10	2/14/2017	8-10	<0.1U	<0.098U	<0.075U	<0.15U	8.9J	2.5J	0.51J	<0.058U	<0.14U	11.91
SSHS-B654	SSHS-B654-SUB-10-12	2/16/2017	10-12	<0.0094U	<0.0092U	<0.007U	<0.014U	0.022J	0.0096J	<0.012U	<0.0054U	<0.013U	0.0666
SSHS-B654	SSHS-B654-SUB-4-6	2/16/2017	4-6	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.68J	0.23J	0.041J	<0.0057U	<0.013U	0.9814
SSHS-B654	SSHS-B654-SUB-8-10	2/16/2017	8-10	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.15J	0.057J	<0.013U	<0.0057U	<0.013U	0.2439
SSHS-B655	SSHS-B655-SUB-4-6	2/13/2017	4-6	<0.048U	<0.047U	<0.036U	<0.072U	5J	1.9J	0.36J	<0.028U	<0.065U	7.26
SSHS-B655	SSHS-B655-SUB-6-8	2/13/2017	6-8	<0.01U	<0.01U	<0.0077U	<0.016U	0.025	<0.0086U	<0.013U	<0.006U	<0.014U	0.025
SSHS-B655	SSHS-B655-SUB-8-10	2/13/2017	8-10	<0.0099U	<0.0097U	<0.0074U	<0.015U	4.1	2.4	0.57	<0.0057U	<0.013U	7.1
SSHS-B656	SSHS-B656-SUB-10-12	2/14/2017	10-12	<0.0097U,F2	<0.0095U	<0.0073U	<0.015U	0.036J	0.011J	<0.012U,F2	<0.0056U	<0.013U	0.047
SSHS-B656	SSHS-B656-SUB-12-14	2/14/2017	12-14	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.45J	0.15J	0.018J	<0.0055U	<0.013U	0.618
SSHS-B657	SSHS-B657-SUB-14-16	2/10/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.023J	0.022J	<0.012U	<0.0055U	<0.013U	0.045
SSHS-B657A	SSHS-B657A-SUB-14-16	7/12/2017	14-16	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.01J	0.0089J	<0.012U	<0.0056U	<0.013U	0.0549
SSHS-B658	SSHS-B658-SUB-14-16	2/16/2017	14-16	<0.009U	<0.0088U	<0.0067U	<0.013U	0.017J	0.011J	<0.011U	<0.0052U	<0.012U	0.06085
SSHS-B659	SSHS-B659-SUB-12-14	2/16/2017	12-14	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.58J	0.26J	0.027J	<0.0055U	<0.013U	0.8962
SSHS-B659	SSHS-B659-SUB-14-16	2/16/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.0094J	0.0094J	<0.012U	<0.0054U	<0.013U	0.05395
SSHS-B659	SSHS-B659-SUB-8-10	2/16/2017	8-10	<0.01U	<0.0098U	<0.0075U	<0.015U	0.54J	0.11J	<0.013U	<0.0058U	<0.014U	0.6876
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.054U	<0.07U	<0.063U	<0.06U	26	<0.052U	1.2	<0.047U	<0.08U	27.2
SSHS-B66	SSHS-B66-6-8R (7)	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
SSHS-B660	SSHS-B660-SUB-4-6	2/15/2017	4-6	<0.01U	<0.0098U	<0.0075U	<0.015U	1.5J	0.48J	0.11J	<0.0058U	<0.014U	2.121
SSHS-B661	SSHS-B661-SUB-4-6	2/13/2017	4-6	<0.011U	<0.01U	<0.0079U	<0.016U	2.4J	0.82J	0.22J	<0.006U	<0.014U	3.44
SSHS-B662	SSHS-B662-SUB-4-6	2/15/2017	4-6	<0.01U	<0.0098U	<0.0075U	<0.015U	1.2J	0.36J	0.085J	<0.0057U	<0.014U	1.676
SSHS-B663	SSHS-B663-SUB-2-4	2/15/2017	2-4	<0.0098U	<0.0095U	<0.0073U	<0.015U	4.1J	1.6J	0.27J	<0.0056U	<0.013U	6
SSHS-B664	SSHS-B664-SUB-2-4	2/15/2017	2-4	<0.01U	<0.0097U	<0.0074U	<0.015U	0.25J	0.21J	0.061J	<0.0057U	<0.013U	0.5514
SSHS-B665	SSHS-B665-SUB-6-8	2/16/2017	6-8	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.23J	0.12J	0.072J	<0.0056U	<0.013U	0.4521
SSHS-B666	SSHS-B666-SUB-8-10	2/13/2017	8-10	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.2J	0.36J	0.067J	<0.0055U	<0.013U	1.627
SSHS-B667	SSHS-B667-SUB-10-12	2/10/2017	10-12	<0.1U	<0.1U	<0.078U	<0.16U	20J	8.1J	2J	<0.06U	<0.14U	30.1
SSHS-B667	SSHS-B667-SUB-12-14	2/10/2017	12-14	<0.011U	<0.011U	<0.0083U	<0.017U	6.6	1.9	0.36	<0.0064U	<0.015U	8.894
SSHS-B667	SSHS-B667-SUB-14-16	2/10/2017	14-16	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.71	0.24	0.047	<0.0056U	<0.013U	1.027
SSHS-B668	SSHS-B668-SUB-10-12	2/9/2017	10-12	<0.96U	<0.94U	<0.72U	<1.4U	150J	55J	18J	<0.55U	<1.3U	225.9
SSHS-B668	SSHS-B668-SUB-12-14	2/9/2017	12-14	<0.49U	<0.48U	<0.37U	<0.74U	49	43	8.3	<0.28U	<0.66U	101.8
SSHS-B669	SSHS-B669-SUB-10-12	2/13/2017	10-12	<0.009U	<0.0088U	<0.0067U	<0.013U	0.49J	0.093J	0.022J	<0.0052U	<0.012U	0.605
SSHS-B669	SSHS-B669-SUB-12-14	2/13/2017	12-14	<0.098U	<0.096U	<0.073U	<0.15U	22	9.9	2	<0.056U	<0.13U	34.2
SSHS-B669	SSHS-B669-SUB-14-16	2/13/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.22	0.11	0.015J	<0.0055U	<0.013U	0.3742
SSHS-B67	SSHS-B67-10-12 (11)	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-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.59U	<0.75U	<0.68U	<0.64U	160	<0.56U	8.3	<0.51U	<0.86U	168.3
SSHS-B67	SSHS-B67-8-10 (9)	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
SSHS-B670	SSHS-B670-SUB-14-16	2/14/2017	14-16	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.067J	0.03J	<0.012U	<0.0056U	<0.013U	0.097
SSHS-B671	SSHS-B671-SUB-10-12	2/10/2017	10-12	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0
SSHS-B671	SSHS-B671-SUB-14-16	2/10/2017	14-16	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0
SSHS-B671A	SSHS-B671A-SUB-10-12	7/10/2017	10-12	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	0.17J	0.11J	<0.0059U	<0.014U	0.3159
SSHS-B671A	SSHS-B671A-SUB-14-16	7/12/2017	14-16	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.014J	0.012J	<0.012U	<0.0056U	<0.013U	0.0621
SSHS-B672	SSHS-B672-SUB-6-8	2/16/2017	6-8	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.05J	0.025J	<0.012U	<0.0054U	<0.013U	0.1102
SSHS-B673	SSHS-B673-SUB-10-12	2/16/2017	10-12	<0.0093U	<0.0091U	<0.007U	<0.014U	0.046J	0.011J	<0.012U	<0.0054U	<0.013U	0.0919
SSHS-B673	SSHS-B673-SUB-8-10	2/16/2017	8-10	<0.01U	<0.0098U	<0.0075U	<0.015U	0.35J	0.096J	<0.013U	<0.0058U	<0.014U	0.4836
SSHS-B674	SSHS-B674-SUB-2-4	3/21/2017	2-4	<0.01U	<0.0099U	<0.0075U	<0.015U	<0.0091U	0.17	0.071	<0.0058U	<0.014U	0.2767
SSHS-B677	SSHS-B677-SUB-2-4	3/21/2017	2-4	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0.0896
SSHS-B679	SSHS-B679-SUB-10-12	3/21/2017	10-12	<0.01U	<0.01U	<0.0077U	<0.015U	0.24	0.093	0.032	<0.0059U	<0.014U	0.3963
SSHS-B679	SSHS-B679-SUB-12-14	3/21/2017	12-14	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.74	0.22	0.054	<0.0056U	<0.013U	1.044
SSHS-B679	SSHS-B679-SUB-14-16	3/21/2017	14-16	<0.01U,F1	<0.0099U	<0.0076U	<0.015U	1.1	0.3	0.056	<0.0058U	<0.014U	1.487
SSHS-B679	SSHS-B679-SUB-4-6	3/21/2017	4-6	<0.0097U	<0.0094U	<0.0072U	<0.014U	1.3	0.4	0.088	<0.0056U	<0.013U	1.817
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.13U	<0.17U	<0.16U	<0.15U	60	<0.13U	3	<0.12U	<0.2U	63
SSHS-B68	SSHS-B68-6-8R (6.5)	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
SSHS-B680	SSHS-B680-SUB-10-12	3/20/2017	10-12	<0.01U	<0.0098U	<0.0075U	<0.015U	0.75	0.17	0.049	<0.0058U	<0.014U	1
SSHS-B680	SSHS-B680-SUB-12-14	3/20/2017	12-14	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.18	0.049	0.014J	<0.0055U	<0.013U	0.2722
SSHS-B680	SSHS-B680-SUB-14-16	3/20/2017	14-16	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B680	SSHS-B680-SUB-4-6	3/20/2017	4-6	<0.0094U	<0.0092U	<0.0071U	<0.014U	0.095	0.032	<0.012U	<0.0054U	<0.013U	0.1621
SSHS-B681	SSHS-B681-SUB-10-12	3/20/2017	10-12	<0.01U	<0.01U	<0.0076U	<0.015U	0.47	0.11	0.039	<0.0059U	<0.014U	0.6503
SSHS-B681	SSHS-B681-SUB-12-14	3/20/2017	12-14	<0.01U	<0.0098U	<0.0075U	<0.015U	0.11	0.033	0.014J	<0.0057U	<0.014U	0.188
SSHS-B681	SSHS-B681-SUB-14-16	3/20/2017	14-16	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
SSHS-B681	SSHS-B681-SUB-2-4	3/20/2017	2-4	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.17	0.068	0.02	<0.0057U	<0.013U	0.2884
SSHS-B681	SSHS-B681-SUB-4-6	3/20/2017	4-6	<0.01U	<0.01U	<0.0076U	<0.015U	0.076	0.043	0.014J	<0.0059U	<0.014U	0.1643
SSHS-B681	SSHS-B681-SUB-8-10	3/20/2017	8-10	<0.01U	<0.01U	<0.0077U	<0.015U	0.099	0.041	0.016J	<0.0059U	<0.014U	0.1873
SSHS-B682	SSHS-B682-SUB-10-12	3/23/2017	10-12	<0.05U,F1	<0.049U	<0.037U	<0.075U	9.4	2.6	0.5	<0.029U	<0.068U	12.65
SSHS-B683	SSHS-B683-SUB-10-12	3/22/2017	10-12	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.2	<0.008U	<0.012U	<0.0055U	<0.013U	0.2394
SSHS-B683	SSHS-B683-SUB-12-14	3/22/2017	12-14	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.52	0.27	0.097	<0.0056U	<0.013U	0.9172
SSHS-B684	SSHS-B684-SUB-10-12	3/22/2017	10-12	<0.98U	<0.96U	<0.73U	<1.5U	<0.88U	200	<1.2U	<0.56U	<1.3U	204.1
SSHS-B684	SSHS-B684-SUB-12-14	3/22/2017	12-14	<0.97U	<0.95U	<0.72U	<1.5U	<0.87U	410	<1.2U	<0.56U	<1.3U	414
SSHS-B685	SSHS-B685-SUB-10-12	3/23/2017	10-12	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.013U	<0.0057U	<0.013U	<0.0908
SSHS-B685	SSHS-B685-SUB-12-14	3/23/2017	12-14	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.4	0.12	0.021	<0.0057U	<0.013U	0.5714
SSHS-B685	SSHS-B685-SUB-14-16	3/23/2017	14-16	<0.0097U	<0.0095U	<0.0073U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0888
SSHS-B685A	SSHS-B685A-SUB-14-16	7/12/2017	14-16	<0.01U	<0.01U	<0.0077U	<0.016U	4.8	2	0.24	<0.006U	<0.014U	7.072
SSHS-B686	SSHS-B686-SUB-10-12	3/22/2017	10-12	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.021	<0.0079U	<0.012U	<0.0055U	<0.013U	0.06015
SSHS-B686	SSHS-B686-SUB-12-14	3/22/2017	12-14	<0.0093U,F2,F1	<0.009U	<0.0069U	<0.014U	0.56	0.15	0.027F2	<0.0053U	<0.013U	0.7658
SSHS-B686A	SSHS-B686A-SUB-10-12	7/10/2017	10-12	<0.0099U	<0.0096U	<0.0074U	<0.015U	3.5J	1.3J	0.11J	<0.0057U	<0.013U	4.94
SSHS-B687	SSHS-B687-SUB-10-12	3/22/2017	10-12	<0.0095U	<0.0092U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0865
SSHS-B688	SSHS-B688-SUB-2-4	3/21/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	2.3	0.5	0.13	<0.0055U	<0.013U	2.959
SSHS-B689	SSHS-B689-SUB-2-4	3/23/2017	2-4	<0.01U	<0.0098U	<0.0075U	<0.015U	0.27	0.1	0.027	<0.0058U	<0.014U	0.4281
SSHS-B689	SSHS-B689-SUB-4-6	3/23/2017	4-6	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.026	0.014J	0.013J	<0.0057U	<0.013U	0.0833
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.59U	<0.75U	<0.68U	<0.64U	390	<0.56U	18	<0.51U	<0.87U	408
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.14U	<0.17U	<0.16U	<0.15U	48	<0.13U	2.2	<0.12U	<0.2U	50.2
SSHS-B690	SSHS-B690-SUB-4-6	3/23/2017	4-6	<0.098U	<0.095U	<0.073U	<0.15U	13	5.6	0.51	<0.056U	<0.13U	19.41

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B691	SSHS-B691-SUB-10-12	3/23/2017	10-12	<0.01U	<0.0099U	<0.0076U	<0.015U	0.062	0.048	<0.013U	<0.0058U	<0.014U	0.1477
SSHS-B691	SSHS-B691-SUB-8-10	3/23/2017	8-10	<0.01U	<0.01U	<0.0077U	<0.015U	0.091	0.034	0.016J	<0.0059U	<0.014U	0.1723
SSHS-B692	SSHS-B692-SUB-10-12	3/20/2017	10-12	<0.0097U	<0.0095U	<0.0072U	<0.015U	1	0.3	0.067	<0.0056U	<0.013U	1.397
SSHS-B692	SSHS-B692-SUB-12-14	3/20/2017	12-14	<0.011U	<0.01U	<0.0079U	<0.016U	0.37	0.11	0.043	<0.0061U	<0.014U	0.5555
SSHS-B692	SSHS-B692-SUB-2-4	3/20/2017	2-4	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.37	0.14	0.053	<0.0057U	<0.013U	0.5934
SSHS-B692	SSHS-B692-SUB-8-10	3/20/2017	8-10	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.078	0.023	<0.0058U	<0.014U	0.3822
SSHS-B693	SSHS-B693-SUB-10-12	3/23/2017	10-12	<0.0094U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.086
SSHS-B693	SSHS-B693-SUB-8-10	3/23/2017	8-10	<0.0094U	<0.0092U	<0.007U	<0.014U	0.041	0.019	<0.012U	<0.0054U	<0.013U	0.095
SSHS-B694	SSHS-B694-SUB-10-12	3/21/2017	10-12	<0.01U	<0.0098U	<0.0075U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0058U	<0.014U	<0.0924
SSHS-B695	SSHS-B695-SUB-4-6	3/23/2017	4-6	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.13	0.039	<0.012U	<0.0056U	<0.013U	0.2051
SSHS-B695	SSHS-B695-SUB-8-10	3/23/2017	8-10	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.046	0.013J	<0.012U	<0.0055U	<0.013U	0.09435
SSHS-B696	SSHS-B696-SUB-10-12	3/20/2017	10-12	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.13	0.09	0.05	<0.0057U	<0.013U	0.3004
SSHS-B696	SSHS-B696-SUB-12-14	3/20/2017	12-14	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.55	0.11p	0.055	<0.0056U	<0.013U	0.7451
SSHS-B696	SSHS-B696-SUB-4-6	3/20/2017	4-6	<0.01U	<0.0098U	<0.0075U	<0.015U	1.6	0.86	0.19	<0.0057U	<0.014U	2.681
SSHS-B697	SSHS-B697-SUB-10-12	3/21/2017	10-12	<0.01U	<0.0098U	<0.0075U	<0.015U	0.74	0.36	0.12	<0.0058U	<0.014U	1.251
SSHS-B697	SSHS-B697-SUB-12-14	3/21/2017	12-14	<0.01U	<0.01U	<0.0076U	<0.015U	2.1	0.46	0.1	<0.0059U	<0.014U	2.691
SSHS-B697	SSHS-B697-SUB-14-16	3/21/2017	14-16	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.023	<0.0082U	<0.013U	<0.0057U	<0.013U	0.06395
SSHS-B697	SSHS-B697-SUB-4-6	3/21/2017	4-6	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.5	0.88	0.16	<0.0056U	<0.013U	4.57
SSHS-B698	SSHS-B698-SUB-10-12	3/20/2017	10-12	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.093	0.059	0.021	<0.0057U	<0.013U	0.2033
SSHS-B698	SSHS-B698-SUB-12-14	3/20/2017	12-14	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.073	0.035	<0.013U	<0.0057U	<0.013U	0.1449
SSHS-B698	SSHS-B698-SUB-14-16	3/20/2017	14-16	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B698	SSHS-B698-SUB-2-4	3/20/2017	2-4	<0.01U	<0.01U	<0.0078U	<0.016U	0.55	0.17	0.057	<0.006U	<0.014U	0.8089
SSHS-B699	SSHS-B699-SUB-10-12	3/21/2017	10-12	<0.01U	<0.01U	<0.0076U	<0.015U	0.51	0.14	0.048	<0.0059U	<0.014U	0.7293
SSHS-B699	SSHS-B699-SUB-12-14	3/21/2017	12-14	<0.01U	<0.01U	<0.0077U	<0.016U	0.075	0.033	<0.013U	<0.0059U	<0.014U	0.1463
SSHS-B699	SSHS-B699-SUB-14-16	3/21/2017	14-16	<0.0093U	<0.0091U	<0.007U	<0.014U	0.0091J	<0.0077U	<0.012U	<0.0054U	<0.013U	0.04785
SSHS-B699	SSHS-B699-SUB-2-4	3/21/2017	2-4	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.028	0.023	<0.012U	<0.0055U	<0.013U	0.08625
SSHS-B699	SSHS-B699-SUB-4-6	3/21/2017	4-6	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.12	0.057	0.025	<0.0057U	<0.013U	0.2324
SSHS-B699	SSHS-B699-SUB-8-10	3/21/2017	8-10	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.073	0.032	<0.012U	<0.0056U	<0.013U	0.1411
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	3.3	<0.0026U	<0.0024U	<0.0041U	3.3
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.003U	3.9	<0.0026U	0.2	<0.0023U	<0.004U	4.1
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.14U	<0.18U	<0.16U	<0.15U	39	<0.13U	2.3	<0.12U	<0.2U	41.3
SSHS-B700	SSHS-B700-SUB-10-12	3/22/2017	10-12	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	<0.0084U	<0.013U	<0.0059U	<0.014U	<0.0931
SSHS-B700	SSHS-B700-SUB-12-14	3/22/2017	12-14	<0.01U	<0.01U	<0.0077U	<0.015U	0.34	0.11	0.032	<0.0059U	<0.014U	0.5133
SSHS-B700	SSHS-B700-SUB-6-8	3/22/2017	6-8	<0.0092U	<0.0089U	<0.0068U	<0.014U	0.017	0.0084J	<0.012U	<0.0053U	<0.012U	0.0595
SSHS-B701	SSHS-B701-SUB-10-12	3/23/2017	10-12	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0082U	<0.013U	<0.0057U	<0.013U	<0.091
SSHS-B701	SSHS-B701-SUB-12-14	3/23/2017	12-14	<0.0093U	<0.0091U	<0.007U	<0.014U	0.2	0.058	0.013J	<0.0054U	<0.013U	0.2999
SSHS-B701	SSHS-B701-SUB-8-10	3/23/2017	8-10	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.042	<0.012U	<0.0056U	<0.013U	0.1881
SSHS-B702	SSHS-B702-SUB-2-4	3/21/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.063	0.025	<0.012U	<0.0055U	<0.013U	0.1234
SSHS-B703	SSHS-B703-SUB-2-4	3/23/2017	2-4	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.18	0.12	0.036	<0.0056U	<0.013U	0.366
SSHS-B705	SSHS-B705-SUB-8-10	3/20/2017	8-10	<0.01U	<0.0099U	<0.0075U	<0.015U	0.2	0.093	0.031	<0.0058U	<0.014U	0.3551
SSHS-B706	SSHS-B706-SUB-10-12	3/22/2017	10-12	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.048	0.022	0.024	<0.0056U	<0.013U	0.124
SSHS-B707	SSHS-B707-SUB-10-12	3/22/2017	10-12	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0859
SSHS-B707	SSHS-B707-SUB-4-6	3/22/2017	4-6	<0.049U	<0.048U	<0.037U	<0.074U	8.3	2.7	0.49	<0.028U	<0.066U	11.64
SSHS-B708	SSHS-B708-SUB-8-10	3/21/2017	8-10	<0.01U	<0.0098U	<0.0075U	<0.015U	0.096	0.022p	<0.013U	<0.0057U	<0.014U	0.1555
SSHS-B709	SSHS-B709-SUB-6-8	3/22/2017	6-8	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.026	0.011J	<0.012U	<0.0054U	<0.013U	0.0721
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B710	SSHS-B710-SUB-6-8	3/23/2017	6-8	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B711	SSHS-B711-SUB-6-8	3/23/2017	6-8	<0.01U	<0.0099U	<0.0075U	<0.015U	0.86	0.38	0.078	<0.0058U	<0.014U	1.349
SSHS-B712	SSHS-B712-SUB-10-12	3/22/2017	10-12	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.015J	0.0099J	<0.012U	<0.0056U	<0.013U	0.06035
SSHS-B712A	SSHS-B712A-SUB-10-12	7/10/2017	10-12	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	1.2J	0.35J	<0.0056U	<0.013U	1.585
SSHS-B713	SSHS-B713-SUB-10-12	3/23/2017	10-12	<0.0096U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.087
SSHS-B714	SSHS-B714-SUB-12-14	3/22/2017	12-14	<0.01U	<0.01U	<0.0077U	<0.015U	0.14	0.049	0.014J	<0.0059U	<0.014U	0.2343
SSHS-B715	SSHS-B715-SUB-12-14	3/22/2017	12-14	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.18	0.045	0.012J	<0.0057U	<0.013U	0.2673
SSHS-B715	SSHS-B715-SUB-8-10	3/22/2017	8-10	<0.01U	<0.01U	<0.0076U	<0.015U	2	0.5	0.091	<0.0059U	<0.014U	2.622
SSHS-B716	SSHS-B716-SUB-14-16	3/20/2017	14-16	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.23	0.12	0.019	<0.0054U	<0.013U	0.3981
SSHS-B717	SSHS-B717-SUB-14-16	3/23/2017	14-16	<0.0098U	<0.0095U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0891
SSHS-B717A	SSHS-B717A-SUB-14-16	7/12/2017	14-16	<0.01U	<0.0097U	<0.0074U	<0.015U	0.027	<0.0082U	<0.013U	<0.0057U	<0.013U	0.068
SSHS-B718	SSHS-B718-SUB-14-16	3/21/2017	14-16	<0.0094U	<0.0092U	<0.007U	<0.014U	0.0096J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0485
SSHS-B718A	SSHS-B718A-SUB-14-16	7/12/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.012J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.05115
SSHS-B719	SSHS-B719-SUB-14-16	3/22/2017	14-16	<0.01U	<0.01U	<0.0076U	<0.015U	1.9	1.7	0.63	<0.0059U	<0.014U	4.261
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B72	SSHS-B72-6-10 (8)	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-B720	SSHS-B720-SUB-2-4	4/12/2017	2-4	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.056	0.04	0.016J	<0.0057U	<0.013U	0.1424
SSHS-B720	SSHS-B720-SUB-4-6	4/12/2017	4-6	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.077	0.045	0.013J	<0.0057U	<0.013U	0.1654
SSHS-B721	SSHS-B721-SUB-2-4	4/12/2017	2-4	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.21	0.039	<0.0058U	<0.014U	0.6001
SSHS-B721	SSHS-B721-SUB-4-6	4/12/2017	4-6	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.078	0.05	<0.012U	<0.0055U	<0.013U	0.1634
SSHS-B722	SSHS-B722-SUB-2-4	4/12/2017	2-4	<0.0093U	<0.009U	<0.0069U	<0.014U	0.028	0.018	<0.012U	<0.0053U	<0.013U	0.08075
SSHS-B722	SSHS-B722-SUB-4-6	4/12/2017	4-6	<0.0093U	<0.0091U	<0.007U	<0.014U	0.055	0.028	<0.012U	<0.0054U	<0.013U	0.1179
SSHS-B723	SSHS-B723-SUB-16-18	4/13/2017	16-18	<0.096U	<0.093U	<0.071U	<0.14U	11	4.7	1	<0.055U	<0.13U	16.99
SSHS-B723	SSHS-B723-SUB-18-20	4/13/2017	18-20	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.19	0.06	0.013J	<0.0056U	<0.013U	0.293
SSHS-B723	SSHS-B723-SUB-6-8	4/13/2017	6-8	<10U	<9.9U	<7.6U	<15U	1500	480	110	<5.8U	<14U	2121
SSHS-B724	SSHS-B724-SUB-10-12	4/12/2017	10-12	<0.01U	<0.0097U	<0.0074U	<0.015U	<0.009U	<0.0083U	<0.013U	<0.0057U	<0.013U	<0.0911
SSHS-B724	SSHS-B724-SUB-12-14	4/12/2017	12-14	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.014J	<0.0079U	<0.012U	<0.0055U	<0.013U	0.0532
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.077	<0.0026U	0.024	<0.0024U	<0.0041U	0.101
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.046	<0.0026U	<0.012J	<0.0023U	<0.0039U	0.046
SSHS-B730	SSHS-B730-SUB-14-16	4/12/2017	14-16	<0.0092U	<0.009U	<0.0069U	<0.014U	<0.0083U	<0.0076U	<0.012U	<0.0053U	<0.012U	<0.0843
SSHS-B736	SSHS-B736-SUB-12-14	4/13/2017	12-14	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.023	0.011J	<0.012U	<0.0055U	<0.013U	0.06925
SSHS-B737	SSHS-B737-SUB-12-14	4/13/2017	12-14	<0.01U	<0.0099U	<0.0075U	<0.015U	0.32	0.22	0.049	<0.0058U	<0.014U	0.6201
SSHS-B738	SSHS-B738-SUB-6-8	4/13/2017	6-8	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.021	<0.0078U	<0.012U	<0.0054U	<0.013U	0.06
SSHS-B739	SSHS-B739-SUB-2-4	4/12/2017	2-4	<0.5U	<0.49U	<0.37U	<0.75U	77	36	4.4	<0.29U	<0.67U	118.9
SSHS-B739	SSHS-B739-SUB-4-6	4/12/2017	4-6	<0.01U	<0.01U	<0.0077U	<0.015U	2.7	1.1	0.15	<0.0059U	<0.014U	3.981
SSHS-B739	SSHS-B739-SUB-6-8	4/12/2017	6-8	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B740	SSHS-B740-SUB-2-4	4/13/2017	2-4	<0.047U	<0.045U	<0.035U	<0.07U	5.8	2.5	0.55	<0.027U	<0.063U	8.994
SSHS-B741	SSHS-B741-SUB-8-10	4/12/2017	8-10	<0.0098U	<0.0096U	<0.0073U	<0.015U	3.2	1.1	0.25	<0.0056U	<0.013U	4.58
SSHS-B742	SSHS-B742-SUB-10-12	4/12/2017	10-12	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
SSHS-B742	SSHS-B742-SUB-12-14	4/12/2017	12-14	<0.01U	<0.01U	<0.0077U	<0.015U	3.1	0.84	0.13	<0.0059U	<0.014U	4.101
SSHS-B742A	SSHS-B742A-SUB-10-12	7/13/2017	10-12	<0.0094U	<0.0092U	<0.007U	<0.014U	0.022	0.0099J	<0.012U	<0.0054U	<0.013U	0.0669
SSHS-B743	SSHS-B743-SUB-6-8	4/13/2017	6-8	<0.0094U	<0.0092U	<0.007U	<0.014U	0.017J	<0.0078U	<0.012U	<0.0054U	<0.013U	0.0559
SSHS-B744	SSHS-B744-SUB-2-4	4/13/2017	2-4	<0.0094U	<0.0091U	<0.007U	<0.014U	0.18	0.1	0.032	<0.0054U	<0.013U	0.341
SSHS-B747	SSHS-B747-SUB-2-4	5/22/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0086U	0.39	<0.012U	<0.0055U	<0.013U	0.4297
SSHS-B748	SSHS-B748-SUB-2-4	5/22/2017	2-4	<0.01U	<0.0099U	<0.0076U	<0.015U	0.25	0.26	0.046	<0.0058U	<0.014U	0.5872
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.0028U	<0.0036U	<0.0032U	<0.003U	0.13	<0.0026U	<0.017J	<0.0024U	<0.0041U	0.13
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B750	SSHS-B750-SUB-2-4	5/22/2017	2-4	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	0.36	<0.012U	<0.0057U	<0.013U	0.4008
SSHS-B751	SSHS-B751-SUB-2-4	5/22/2017	2-4	<0.01U	<0.01U	<0.0076U	<0.015U	0.12	0.073	0.023	<0.0059U	<0.014U	0.2473
SSHS-B752	SSHS-B752-SUB-2-4	5/22/2017	2-4	<0.0095U	<0.0092U	<0.0071U	<0.014U	<0.0085U	0.01J	<0.012U	<0.0054U	<0.013U	0.04935
SSHS-B753	SSHS-B753-SUB-2-4	5/23/2017	2-4	<0.0096U	<0.0093U	<0.0071U	<0.014U	1.3	0.78	0.22	<0.0055U	<0.013U	2.329
SSHS-B754	SSHS-B754-SUB-2-4	5/23/2017	2-4	<0.0098U	<0.0096U	<0.0073U	<0.015U	1.3	0.79	0.23	<0.0056U	<0.013U	2.35
SSHS-B755	SSHS-B755-SUB-2-4	5/23/2017	2-4	<0.0098U	<0.0095U	<0.0073U	<0.015U	0.97	0.62	0.18	<0.0056U	<0.013U	1.8
SSHS-B756	SSHS-B756-SUB-2-4	5/22/2017	2-4	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.2	0.15	0.049	<0.0055U	<0.013U	0.4282
SSHS-B757	SSHS-B757-SUB-2-4	5/22/2017	2-4	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B758	SSHS-B758-SUB-2-4	5/22/2017	2-4	<0.0091U	<0.0089U	<0.0068U	<0.014U	0.46	0.47	0.13	<0.0052U	<0.012U	1.088
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
SSHS-B760	SSHS-B760-SUB-2-4	5/23/2017	2-4	<0.0094U	<0.0092U	<0.007U	<0.014U	0.22	0.15	0.049	<0.0054U	<0.013U	0.448
SSHS-B761	SSHS-B761-SUB-2-4	5/22/2017	2-4	<0.0097U	<0.0094U	<0.0072U	<0.014U	0.014J	<0.008U	<0.012U	<0.0055U	<0.013U	0.0534
SSHS-B762	SSHS-B762-SUB-2-4	5/23/2017	2-4	<0.0093U	<0.0091U	<0.0069U	<0.014U	0.52	0.43	0.16	<0.0053U	<0.013U	1.139
SSHS-B763	SSHS-B763-SUB-2-4	5/23/2017	2-4	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0859
SSHS-B765	SSHS-B765-SUB-2-4	5/22/2017	2-4	<0.0097U	<0.0094U	<0.0072U	<0.014U	<0.0087U	<0.008U	<0.012U	<0.0055U	<0.013U	<0.0875

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B766	SSHS-B766-SUB-2-4	5/22/2017	2-4	<0.01U	<0.01U	<0.0077U	<0.015U	<0.0092U	0.29	0.1	<0.0059U	<0.014U	0.4259
SSHS-B768	SSHS-B768-SUB-2-4	5/22/2017	2-4	<0.01U	<0.01U	<0.0076U	<0.015U	0.058	0.2	0.028	<0.0059U	<0.014U	0.3173
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
SSHS-B771	SSHS-B771-SUB-2-4	5/22/2017	2-4	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	0.09	0.012J	<0.0054U	<0.013U	0.1351
SSHS-B772	SSHS-B772-SUB-2-4	5/22/2017	2-4	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.051	0.11	0.027	<0.0055U	<0.013U	0.2172
SSHS-B773	SSHS-B773-SUB-2-4	5/22/2017	2-4	<0.0096U	<0.0094U	<0.0072U	<0.014U	<0.0087U	0.088	0.026	<0.0055U	<0.013U	0.1477
SSHS-B777	SSHS-B777-SUB-2-4	5/23/2017	2-4	<0.0099U	<0.0096U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0897
SSHS-B778	SSHS-B778-SUB-2-4	5/22/2017	2-4	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	0.0098J	<0.012U	<0.0055U	<0.013U	0.0493
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0017U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B781	SSHS-B781-SUB-2-4	5/23/2017	2-4	<0.0094U	<0.0091U	<0.007U	<0.014U	1.4	0.89	0.24	<0.0054U	<0.013U	2.559
SSHS-B782	SSHS-B782-SUB-2-4	5/16/2017	2-4	<1U	<1U	<0.78U	<1.6U	230	69	7.3	<0.6U	<1.4U	309.5
SSHS-B782A	SSHS-B782A-SUB-2-4	7/12/2017	2-4	<0.49U	<0.48U	<0.37U	<0.74U	110	38	3.9	<0.28U	<0.67U	153.4
SSHS-B784	SSHS-B784-SUB-2-4	5/17/2017	2-4	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.061J	0.045J	<0.012U	<0.0057U	<0.013U	0.1424
SSHS-B785	SSHS-B785-SUB-6-8	5/17/2017	6-8	<0.01U	<0.0098U	<0.0075U	<0.015U	0.035J	0.0093J	<0.013U	<0.0058U	<0.014U	0.08185
SSHS-B786	SSHS-B786-SUB-6-8	5/17/2017	6-8	<0.01U	<0.01U	<0.0076U	<0.015U	0.34J	0.098J	<0.013U	<0.0059U	<0.014U	0.4758
SSHS-B787	SSHS-B787-SUB-8-10	5/15/2017	8-10	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.62	0.25	0.037	<0.0054U	<0.013U	0.9361
SSHS-B788	SSHS-B788-SUB-10-12	5/16/2017	10-12	<0.01U	<0.0098U	<0.0075U	<0.015U	2.9	1.1	0.14	<0.0058U	<0.014U	4.171
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B790	SSHS-B790-SUB-2-4	5/17/2017	2-4	<10U	<9.9U	<7.6U	<15U	730J	240J	19J	<5.8U	<14U	1020
SSHS-B791	SSHS-B791-SUB-2-4	5/16/2017	2-4	<0.099U	<0.096U	<0.074U	<0.15U	41	11	1	<0.057U	<0.13U	53.3
SSHS-B791	SSHS-B791-SUB-4-6	5/16/2017	4-6	<0.1U	<0.098U	<0.075U	<0.15U	23	7.1	0.95	<0.057U	<0.14U	31.36
SSHS-B791	SSHS-B791-SUB-6-8	5/23/2017	6-8	<0.19U	<0.18U	<0.14U	<0.28U	24	6.6	0.53	<0.11U	<0.25U	31.71
SSHS-B792	SSHS-B792-SUB-10-12	5/16/2017	10-12	<0.011U	<0.01U	<0.008U	<0.016U	0.47	0.25	0.062	<0.0061U	<0.014U	0.8146
SSHS-B792	SSHS-B792-SUB-12-14	5/16/2017	12-14	<0.57U	<0.56U	<0.42U	<0.85U	63	16	2	<0.33U	<0.77U	82.75
SSHS-B792	SSHS-B792-SUB-14-16	5/16/2017	14-16	<0.01U	<0.0097U	<0.0074U	<0.015U	0.23	0.093	0.019	<0.0057U	<0.013U	0.3724
SSHS-B792	SSHS-B792-SUB-8-10	5/16/2017	8-10	<0.98U	<0.95U	<0.73U	<1.5U	130	38	4.6	<0.56U	<1.3U	175.6
SSHS-B793	SSHS-B793-SUB-4-6	5/15/2017	4-6	<5.1U	<5U	<3.8U	<7.6U	990	260	58	<2.9U	<6.9U	1324
SSHS-B793	SSHS-B793-SUB-6-8	5/15/2017	6-8	<5U	<4.8U	<3.7U	<7.4U	2800	760	170	<2.8U	<6.7U	3745
SSHS-B794	SSHS-B794-SUB-2-4	5/16/2017	2-4	<0.01U	<0.0098U	<0.0075U	<0.015U	2.8	2.3	0.53	<0.0057U	<0.014U	5.661
SSHS-B794	SSHS-B794-SUB-4-6	5/16/2017	4-6	<0.095U,F1	<0.093U	<0.071U	<0.14U	17	7.9	3F1	<0.054U	<0.13U	28.19
SSHS-B794	SSHS-B794-SUB-6-8	5/16/2017	6-8	<0.01U	<0.01U	<0.0076U	<0.015U	<0.0092U	0.78	0.41	<0.0059U	<0.014U	1.226
SSHS-B795	SSHS-B795-SUB-2-4	5/16/2017	2-4	<0.01U	<0.01U	<0.0076U	<0.015U	0.67	0.19	0.022	<0.0059U	<0.014U	0.9133
SSHS-B795	SSHS-B795-SUB-4-6	5/16/2017	4-6	<0.01U	<0.0099U	<0.0076U	<0.015U	0.28	0.072	<0.013U	<0.0059U	<0.014U	0.3897
SSHS-B795	SSHS-B795-SUB-6-8	5/16/2017	6-8	<0.01U	<0.01U	<0.0077U	<0.016U	<0.0093U	<0.0086U	<0.013U	<0.0059U	<0.014U	<0.0945
SSHS-B795	SSHS-B795-SUB-8-10	5/16/2017	8-10	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.16	0.051	<0.013U	<0.0057U	<0.013U	0.2479
SSHS-B795A	SSHS-B795A-SUB-2-4	7/12/2017	2-4	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.91	0.38	0.046	<0.0056U	<0.013U	1.366
SSHS-B796	SSHS-B796-SUB-4-6	5/16/2017	4-6	<0.051U	<0.05U	<0.038U	<0.076U	10	3.6	0.42	<0.029U	<0.069U	14.18
SSHS-B796	SSHS-B796-SUB-6-8	5/16/2017	6-8	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.11	0.073	0.016J	<0.0056U	<0.013U	0.2291
SSHS-B797	SSHS-B797-SUB-4-6	5/16/2017	4-6	<0.1U	<0.097U	<0.074U	<0.15U	6.5	4	0.95	<0.057U	<0.13U	11.75
SSHS-B797	SSHS-B797-SUB-6-8	5/16/2017	6-8	<0.99U	<0.97U	<0.74U	<1.5U	52	79	23	<0.57U	<1.3U	157
SSHS-B797A	SSHS-B797A-SUB-4-6	7/13/2017	4-6	<0.19U	<0.18U	<0.14U	<0.28U	17	42	<0.24U	<0.11U	<0.25U	59.7
SSHS-B797A	SSHS-B797A-SUB-6-0	7/13/2017	6-8	<0.0097U	<0.0094U	<0.0072U	<0.015U	0.042	0.044	<0.012U	<0.0056U	<0.013U	0.122
SSHS-B798	SSHS-B798-SUB-10-12	5/16/2017	10-12	<0.0097U	<0.0095U	<0.0073U	<0.015U	3.7	0.77	0.13	<0.0056U	<0.013U	4.63
SSHS-B798	SSHS-B798-SUB-8-10	5/16/2017	8-10	<0.0098U	<0.0096U	<0.0073U	<0.015U	0.2	0.15	0.03	<0.0057U	<0.013U	0.4102
SSHS-B799	SSHS-B799-SUB-10-12	5/17/2017	10-12	<0.0096U	<0.0093U	<0.0071U	<0.014U	1.7J	0.57J	0.071J	<0.0055U	<0.013U	2.37
SSHS-B799	SSHS-B799-SUB-12-14	5/17/2017	12-14	<0.011U	<0.01U	<0.0079U	<0.016U	0.13J	0.066J	<0.013U	<0.0061U	<0.014U	0.235
SSHS-B799	SSHS-B799-SUB-14-16	5/17/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.033	0.014J	<0.012U	<0.0055U	<0.013U	0.0822
SSHS-B799	SSHS-B799-SUB-2-4	5/17/2017	2-4	<0.0099U	<0.0096U	<0.0074U	<0.015U	0.079J	0.033J	<0.012U	<0.0057U	<0.013U	0.1483
SSHS-B8	B23484	5/11/2000	4-5	<0.037U	<0.037U	<0.037U	<0.037U	3.3D	<0.037U	0.17	-	-	3.47
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B800	SSHS-B800-SUB-10-12	5/17/2017	10-12	<0.51U	<0.5U	<0.38U	<0.76U	71	18	2.3	<0.29U	<0.69U	92.87
SSHS-B800	SSHS-B800-SUB-12-14	5/17/2017	12-14	<0.96U	<0.94U	<0.72U	<1.4U	170J	41J	5.1J	<0.55U	<1.3U	219
SSHS-B800	SSHS-B800-SUB-14-16	5/17/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.16	0.046	<0.012U	<0.0054U	<0.013U	0.2412
SSHS-B800	SSHS-B800-SUB-2-4	5/17/2017	2-4	<0.19U	<0.19U	<0.14U	<0.28U	34J	10J	1.2J	<0.11U	<0.26U	45.79
SSHS-B800	SSHS-B800-SUB-4-6	5/17/2017	4-6	<4.9U	<4.8U	<3.6U	<7.3U	540J	140J	15J	<2.8U	<6.6U	710
SSHS-B800	SSHS-B800-SUB-6-8	5/17/2017	6-8	<10U	<10U	<7.7U	<15U	2700J	630J	79J	<5.9U	<14U	3440
SSHS-B800	SSHS-B800-SUB-8-10	5/17/2017	8-10	<10U	<10U	<7.7U	<15U	850J	200J	25J	<5.9U	<14U	1106
SSHS-B801	SSHS-B801-SUB-10-12	5/17/2017	10-12	<0.0094U	<0.0092U	<0.007U	<0.014U	0.079J	0.016J	<0.012U	<0.0054U	<0.013U	0.13
SSHS-B801	SSHS-B801-SUB-12-14	5/17/2017	12-14	<0.0094U	<0.0092U	<0.007U	<0.014U	1.9J	0.7J	0.093J	<0.0054U	<0.013U	2.722
SSHS-B801	SSHS-B801-SUB-4-6	5/17/2017	4-6	<0.1U	<0.099U	<0.076U	<0.15U	43J	19J	2.4J	<0.058U	<0.14U	64.71
SSHS-B801	SSHS-B801-SUB-8-10	5/17/2017	8-10	<0.0095U	<0.0092U	<0.0071U	<0.014U	0.53J	0.21J	0.03J	<0.0054U	<0.013U	0.7991
SSHS-B802	SSHS-B802-SUB-12-14	5/17/2017	12-14	<0.093U	<0.091U	<0.07U	<0.14U	13J	3.6J	0.46J	<0.054U	<0.13U	17.35
SSHS-B802	SSHS-B802-SUB-8-10	5/17/2017	8-10	<0.1U	<0.098U	<0.075U	<0.15U	16J	4.5J	0.58J	<0.057U	<0.14U	21.39
SSHS-B803	SSHS-B803-SUB-10-12	5/16/2017	10-12	<0.0098U	<0.0096U	<0.0074U	<0.015U	0.39	0.15	0.029	<0.0057U	<0.013U	0.5993
SSHS-B803	SSHS-B803-SUB-12-14	5/16/2017	12-14	<0.0095U	<0.0093U	<0.0071U	<0.014U	0.39	0.15	0.025	<0.0054U	<0.013U	0.5942
SSHS-B803	SSHS-B803-SUB-14-16	5/16/2017	14-16	<0.0097U	<0.0095U	<0.0072U	<0.015U	0.011J	<0.008U	<0.012U	<0.0056U	<0.013U	0.051
SSHS-B803	SSHS-B803-SUB-4-6	5/16/2017	4-6	<0.0099U	<0.0097U	<0.0074U	<0.015U	2.8	1	0.12	<0.0057U	<0.013U	3.95
SSHS-B803	SSHS-B803-SUB-6-8	5/16/2017	6-8	<0.0099U	<0.0097U	<0.0074U	<0.015U	0.62	0.22	0.026	<0.0057U	<0.013U	0.8964
SSHS-B803	SSHS-B803-SUB-8-10	5/16/2017	8-10	<0.01U	<0.0097U	<0.0074U	<0.015U	3.1	1	0.16	<0.0057U	<0.013U	4.29
SSHS-B803A	SSHS-B803A-SUB-10-12	7/11/2017	10-12	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
SSHS-B803A	SSHS-B803A-SUB-14-16	7/12/2017	14-16	<0.0096U	<0.0094U	<0.0072U	<0.014U	0.067	0.019	<0.012U	<0.0055U	<0.013U	0.1214
SSHS-B803A	SSHS-B803A-SUB-8-10	7/11/2017	8-10	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0088U	<0.0081U	<0.012U	<0.0056U	<0.013U	<0.0892
SSHS-B804	SSHS-B804-SUB-10-12	5/16/2017	10-12	<4.9U	<4.8U	<3.6U	<7.3U	410	120	14	<2.8U	<6.6U	559
SSHS-B804	SSHS-B804-SUB-12-14	5/16/2017	12-14	<0.51U	<0.5U	<0.38U	<0.76U	80	32	3.7	<0.29U	<0.69U	117.3
SSHS-B804	SSHS-B804-SUB-14-16	5/16/2017	14-16	<0.0098U	<0.0096U	<0.0073U	<0.015U	2.3	0.93	0.11	<0.0056U	<0.013U	3.37
SSHS-B804	SSHS-B804-SUB-4-6	5/16/2017	4-6	<0.01U	<0.0098U	<0.0075U	<0.015U	0.17	0.062	<0.013U	<0.0058U	<0.014U	0.2696
SSHS-B804	SSHS-B804-SUB-8-10	5/16/2017	8-10	<0.0097U	<0.0095U	<0.0073U	<0.015U	0.068	0.032	<0.012U	<0.0056U	<0.013U	0.1361
SSHS-B804A	SSHS-B804A-SUB-14-16	7/12/2017	14-16	<0.0096U	<0.0093U	<0.0071U	<0.014U	0.15	0.061	<0.012U	<0.0055U	<0.013U	0.2463
SSHS-B804A	SSHS-B804A-SUB-4-6	7/11/2017	4-6	<0.01U	<0.01U	<0.0077U	<0.015U	0.08	0.049	<0.013U	<0.0059U	<0.014U	0.1668
SSHS-B805	SSHS-B805-SUB-10-12	5/17/2017	10-12	<0.096U	<0.094U	<0.072U	<0.14U	20J	6.4J	0.86J	<0.055U	<0.13U	27.55
SSHS-B805	SSHS-B805-SUB-4-6	5/17/2017	4-6	<0.01U	<0.01U	<0.0078U	<0.016U	0.72J	0.24J	0.023J	<0.006U	<0.014U	1.015
SSHS-B805A	SSHS-B805A-SUB-10-12	7/12/2017	10-12	<0.01U	<0.01U	<0.0077U	<0.016U	2.8	1.6	0.22	<0.0059U	<0.014U	4.652
SSHS-B805A	SSHS-B805A-SUB-4-6	7/12/2017	4-6	<0.01U	<0.0097U	<0.0074U	<0.015U	2	0.71	0.1	<0.0057U	<0.013U	2.84
SSHS-B807	SSHS-B807-SUB-4-6	5/15/2017	4-6	<0.01U	<0.01U	<0.0077U	<0.016U	2	0.49	0.075	<0.0059U	<0.014U	2.597
SSHS-B807	SSHS-B807-SUB-6-8	5/15/2017	6-8	<0.0098U	<0.0096U	<0.0073U	<0.015U	<0.0089U	<0.0081U	<0.012U	<0.0057U	<0.013U	<0.0894
SSHS-B807	SSHS-B807-SUB-8-10	5/15/2017	8-10	<0.0094U	<0.0092U	<0.007U	<0.014U	1.2	0.6	0.11	<0.0054U	<0.013U	1.939
SSHS-B808	SSHS-B808-SUB-4-6	5/16/2017	4-6	<0.1U	<0.1U	<0.077U	<0.15U	15	10	1.1	<0.059U	<0.14U	26.41
SSHS-B809	SSHS-B809-SUB-2-4	5/15/2017	2-4	<0.01U	<0.0098U	<0.0075U	<0.015U	1	0.39	0.082	<0.0057U	<0.014U	1.503
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.0027U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
SSHS-B811	SSHS-B811-SUB-12-14	5/16/2017	12-14	<0.51U	<0.5U	<0.38U	<0.77U	89	31	4.2	<0.29U	<0.69U	125.8
SSHS-B812	SSHS-B812-SUB-12-14	5/15/2017	12-14	<0.095U	<0.093U	<0.071U	<0.14U	9.6	2.6	0.64	<0.055U	<0.13U	13.13
SSHS-B812	SSHS-B812-SUB-8-10	5/15/2017	8-10	<0.0094U	<0.0092U	<0.007U	<0.014U	0.55	0.15	0.021	<0.0054U	<0.013U	0.75
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	0.027	<0.012U	<0.0053U	<0.012U	0.06515
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0862
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	<0.0099U	<0.0097U	<0.0074U	<0.015U	<0.0089U	<0.0082U	<0.012U	<0.0057U	<0.013U	<0.0898
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0861
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0086U	<0.0079U	<0.012U	<0.0055U	<0.013U	<0.0869
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B820	SSHS-B820-SUB-4-6	5/23/2017	4-6	<0.01U	<0.0098U	<0.0075U	<0.015U	0.49	0.25	0.034	<0.0058U	<0.014U	0.8051
SSHS-B820	SSHS-B820-SUB-6-8	5/23/2017	6-8	<0.01U	<0.01U	<0.0077U	<0.015U	<0.0093U	<0.0085U	<0.013U	<0.0059U	<0.014U	<0.0934
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	<0.0093U	<0.0091U	<0.007U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0054U	<0.013U	<0.0859
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	<0.0095U	<0.0093U	<0.0071U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0866

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	<0.0093U	<0.0091U	<0.0069U	<0.014U	<0.0084U	<0.0077U	<0.012U	<0.0053U	<0.013U	<0.0857
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	<0.0097U	<0.0095U	<0.0072U	<0.015U	<0.0087U	<0.008U	<0.012U	<0.0056U	<0.013U	<0.0887
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	<0.0094U	<0.0092U	<0.007U	<0.014U	<0.0085U	<0.0078U	<0.012U	<0.0054U	<0.013U	<0.0863
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	<0.0091U	<0.0089U	<0.0068U	<0.014U	<0.0082U	<0.0075U	<0.011U	<0.0052U	<0.012U	<0.0827
SSHS-B829	SSHS-B829-SUB-2-4	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-B829	SSHS-B829-SUB-4-6	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-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.0029U	<0.0038U	<0.0034U	<0.0032U	<0.0019U	<0.0028U	<0.0028U	<0.0025U	<0.0043U	<0
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B831	SSHS-B831-SUB-4-6	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	SSHS-B835-SUB-4-6	1/9/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	3J	1J	0.22J	<0.0088U	<0.013U	4.251
SSHS-B835	SSHS-B835-SUB-6-8	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
SSHS-B837	SSHS-B837-SUB-4-6	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-B838	SSHS-B838-SUB-10-12	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-B838	SSHS-B838-SUB-12-14	1/9/2018	12-14	<0.0069U	<0.014U	<0.013U	<0.013U	0.38	0.14	0.026	<0.01U	<0.015U	0.582
SSHS-B838	SSHS-B838-SUB-6-8	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
SSHS-B839	SSHS-B839-SUB-10-12	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-B839	SSHS-B839-SUB-12-14	1/18/2018	12-14	<0.0063U	<0.013U	<0.011U	<0.012U	2.2	0.58	0.14	<0.0094U	<0.014U	2.953
SSHS-B839	SSHS-B839-SUB-8-10	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
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0038U	<0
SSHS-B840	SSHS-B840-SUB-12-14	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
SSHS-B841	SSHS-B841-SUB-10-12	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-B841	SSHS-B841-SUB-12-14	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
SSHS-B842	SSHS-B842-SUB-10-12	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-B842	SSHS-B842-SUB-6-8	1/22/2018	6-8	<0.061U	<0.12U	<0.11U	<0.11U	24J	7.5J	1.7J	<0.091U	<0.13U	33.51
SSHS-B842	SSHS-B842-SUB-8-10	1/22/2018	8-10	<0.0062U	<0.012U	<0.011U	<0.012U	4.3J	1.3J	0.31J	<0.0093U	<0.013U	5.942
SSHS-B843	SSHS-B843-SUB-10-12	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-B843	SSHS-B843-SUB-6-8	1/19/2018	6-8	<0.063U	<0.12U	<0.11U	<0.12U	20J	6.1J	0.8J	<0.093U	<0.13U	27.22
SSHS-B843	SSHS-B843-SUB-8-10	1/19/2018	8-10	<0.059U	<0.12U	<0.11U	<0.11U	8.3	2.7	0.37	<0.088U	<0.13U	11.68
SSHS-B844	SSHS-B844-SUB-6-8	1/19/2018	6-8	<0.06U	<0.12U	<0.11U	<0.11U	13J	4.2J	0.53J	<0.09U	<0.13U	18.04
SSHS-B845	SSHS-B845-SUB-10-12	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-B847	SSHS-B847-SUB-6-8	1/20/2018	6-8	<0.058U	<0.12U	<0.11U	<0.11U	19J	5.9J	0.66J	<0.086U	<0.12U	25.86
SSHS-B848	SSHS-B848-SUB-6-8	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
SSHS-B848	SSHS-B848-SUB-8-10	1/20/2018	8-10	<0.061U	<0.12U	<0.11U	<0.11U	1J	0.56J	0.087J	<0.09U	<0.13U	1.958
SSHS-B849	SSHS-B849-SUB-6-8	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
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.0028U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.0031U	<0.004U	<0.0036U	<0.0034U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0046U	<0
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B850	SSHS-B850-SUB-10-12	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-B850	SSHS-B850-SUB-6-8	1/18/2018	6-8	<0.064U	<0.13U	<0.12U	<0.12U	37J	11J	1.3J	<0.096U	<0.14U	49.64
SSHS-B850	SSHS-B850-SUB-8-10	1/23/2018	8-10	<0.0065U	<0.013U	<0.012U	<0.012U	0.22	0.072	0.017J	<0.0097U	<0.014U	0.3426
SSHS-B851	SSHS-B851-SUB-10-12	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	SSHS-B852-SUB-10-12	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-B853	SSHS-B853-SUB-4-6	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	SSHS-B854-SUB-2-4	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-B854	SSHS-B854-SUB-4-6	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-B855	SSHS-B855-SUB-10-12	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-B855	SSHS-B855-SUB-12-14	1/10/2018	12-14	<0.0066U	<0.013U	<0.012U	<0.012U	0.13	0.049	0.0075J	<0.0098U	<0.014U	0.2202
SSHS-B856	SSHS-B856-SUB-10-12	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-B856	SSHS-B856-SUB-12-14	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
SSHS-B859	SSHS-B859-SUB-2-4	1/14/2018	2-4	<0.29U	<0.58U	<0.53U	<0.54U	62J	30J	4.3J	<0.44U	<0.63U	97.81
SSHS-B859	SSHS-B859-SUB-4-6	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-B859	SSHS-B859-SUB-6-8	1/14/2018	6-8	<0.058U	<0.12U	<0.11U	<0.11U	20	7.6	1.1	<0.087U	<0.13U	29.01
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.003U	<0.0038U	<0.0034U	<0.0033U	<0.0019U	<0.0028U	<0.0028U	<0.0026U	<0.0044U	<0
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.0028U	<0.0035U	<0.0032U	<0.003U	<0.0018U	<0.0026U	<0.0026U	<0.0024U	<0.0041U	<0
SSHS-B860	SSHS-B860-SUB-2-4	1/14/2018	2-4	<0.058U	<0.12U	<0.11U	<0.11U	22J	7.9J	0.79J	<0.087U	<0.13U	31
SSHS-B860	SSHS-B860-SUB-4-6	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-B860	SSHS-B860-SUB-6-8	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
SSHS-B861	SSHS-B861-SUB-2-4	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-B861	SSHS-B861-SUB-4-6	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-B862	SSHS-B862-SUB-2-4	1/9/2018	2-4	<0.0061U	<0.012U	<0.011U	<0.011U	0.34	0.27	0.094	<0.0091U	<0.013U	0.7351
SSHS-B862	SSHS-B862-SUB-4-6	1/9/2018	4-6	<0.0059U	<0.012U	<0.011U	<0.011U	0.043	0.037	0.0082J,p	<0.0088U	<0.013U	0.1191
SSHS-B863	SSHS-B863-SUB-2-4	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-B863	SSHS-B863-SUB-4-6	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-B863	SSHS-B863-SUB-6-8	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
SSHS-B864	SSHS-B864-SUB-2-4	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-B864	SSHS-B864-SUB-4-6	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-B864	SSHS-B864-SUB-6-8	1/9/2018	6-8	<0.0063U	<0.012U	<0.011U	<0.012U	0.16	0.14	0.051	<0.0093U	<0.014U	0.3833
SSHS-B865	SSHS-B865-SUB-2-4	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	SSHS-B866-SUB-2-4	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	SSHS-B867-SUB-2-4	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	SSHS-B868-SUB-2-4	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	SSHS-B869-SUB-2-4	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-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0042U	<0
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B870	SSHS-B870-SUB-2-4	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-B870	SSHS-B870-SUB-4-6	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-B871	SSHS-B871-SUB-2-4	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	SSHS-B872-SUB-2-4	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	SSHS-B873-SUB-2-4	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-B873	SSHS-B873-SUB-4-6	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	SSHS-B876-SUB-4-6	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-B877	SSHS-B877-SUB-10-12	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	SSHS-B878-SUB-10-12	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-B878	SSHS-B878-SUB-8-10	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
SSHS-B879	SSHS-B879-SUB-10-12	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-B879	SSHS-B879-SUB-12-14	1/19/2018	12-14	<0.0064U	<0.013U	<0.012U	<0.012U	1.8	0.61	0.07	<0.0095U	<0.014U	2.513
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.0028U	<0.0036U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B881	SSHS-B881-SUB-6-8	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
SSHS-B881	SSHS-B881-SUB-8-10	1/22/2018	8-10	<0.061U	<0.12U	<0.11U	<0.11U	4.4	1.5	0.24	<0.091U	<0.13U	6.451
SSHS-B882	SSHS-B882-SUB-10-12	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-B882	SSHS-B882-SUB-6-8	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
SSHS-B883	SSHS-B883-SUB-10-12	1/20/2018	10-12	<0.065U	<0.13U	<0.12U	<0.12U	41	19	2.5	<0.096U	<0.14U	62.84
SSHS-B883	SSHS-B883-SUB-8-10	1/20/2018	8-10	<0.077U	<0.15U	<0.14U	<0.14U	59J	32J	4J	<0.11U	<0.17U	95.39
SSHS-B884	SSHS-B884-SUB-6-8	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
SSHS-B885	SSHS-B885-SUB-10-12	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	SSHS-B886-SUB-10-12	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-B886	SSHS-B886-SUB-12-14	1/19/2018	12-14	<0.062U	<0.12U	<0.11U	<0.11U	3.9J	1.4J	0.2J	<0.092U	<0.13U	5.812
SSHS-B887	SSHS-B887-SUB-10-12	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	SSHS-B888-SUB-10-12	1/22/2018	10-12	<0.063U	<0.13U	<0.11U	<0.12U	11J	4J	0.58J	<0.094U	<0.14U	15.91
SSHS-B888	SSHS-B888-SUB-12-14	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
SSHS-B889	SSHS-B889-SUB-10-12	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-B889	SSHS-B889-SUB-12-14	1/12/2018	12-14	<0.0061U	<0.012U	<0.011U	<0.011U	3.1	1	0.32	<0.0092U	<0.013U	4.451
SSHS-B889	SSHS-B889-SUB-6-8	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
SSHS-B889	SSHS-B889-SUB-8-10	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-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.0028U	<0.0036U	<0.0032U	<0.003U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.0029U	<0.0037U	<0.0033U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0025U	<0.0042U	<0
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B890	SSHS-B890-SUB-10-12	1/23/2018	10-12	<0.3U	<0.6U	<0.55U	<0.55U	87J	24J	5.4J	<0.45U	<0.65U	118
SSHS-B890	SSHS-B890-SUB-8-10	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-B891	SSHS-B891-SUB-10-12	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

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B892	SSHS-B892-SUB-12-14	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
SSHS-B893	SSHS-B893-SUB-10-12	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-B893	SSHS-B893-SUB-12-14	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
SSHS-B894	SSHS-B894-SUB-4-6	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	SSHS-B895-SUB-4-6	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-B896	SSHS-B896-SUB-2-4	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-B897	SSHS-B897-SUB-6-8	1/10/2018	6-8	<0.12U	<0.23U	<0.21U	<0.21U	27J	6.3J	<0.1U	<0.17U	0.76	34.58
SSHS-B9	B23482	5/11/2000	2-3	<0.036U	<0.036U	<0.036U	<0.036U	0.76D	<0.036U	0.15	-	-	0.91
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.0039U	<0
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.003U	<0.0038U	<0.0034U	<0.0033U	0.033	<0.0028U	<0.012J	<0.0026U	<0.0044U	0.033
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.003U	<0.0038U	<0.0035U	<0.0033U	<0.0019U	<0.0029U	<0.0029U	<0.0026U	<0.0044U	<0
SSHS-B903	SSHS-B903-SUB-2-4	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-B904	SSHS-B904-SUB-6-8	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
SSHS-B904	SSHS-B904-SUB-8-10	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	SSHS-B905-SUB-8-10	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-B906	SSHS-B906-SUB-6-8	1/24/2018	6-8	<0.06U	<0.12U	<0.11U	<0.11U	28J	8.8J	2J	<0.09U	<0.13U	39.11
SSHS-B907	SSHS-B907-SUB-6-8	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
SSHS-B909	SSHS-909-SUB-2-4	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
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.0026U	<0.0033U	<0.003U	<0.0028U	<0.0016U	<0.0025U	<0.0025U	<0.0022U	<0.0038U	<0
SSHS-B910	SSHS-B910-SUB-2-4	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-B910	SSHS-B910-SUB-4-6	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-B911	SSHS-B911-SUB-2-4	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-B911	SSHS-B911-SUB-6-8	1/19/2018	6-8	<0.0063U	<0.012U	<0.011U	<0.012U	1.9J	0.7J	0.099J	<0.0093U	<0.014U	2.731
SSHS-B911	SSHS-B911-SUB-8-10	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-B913	SSHS-B913-SUB-6-8	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
SSHS-B914	SSHS-B914-SUB-4-6	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-B917	SSHS-B917-SUB-12-14	1/18/2018	12-14	<0.066U	<0.13U	<0.12U	<0.12U	2.7J	0.98J	0.16J	<0.099U	<0.14U	4.178
SSHS-B919	SSHS-B919-SUB-10-12	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-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<0.0028U	<0.0035U	<0.0032U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.0041U	<0
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.0028U	<0.0035U	<0.0032U	<0.003U	0.081	<0.0026U	0.028	<0.0024U	<0.0041U	0.109
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.0033U	<0.0043U	<0.0038U	<0.0037U	<0.0021U	<0.0032U	<0.0032U	<0.0029U	<0.0049U	<0
SSHS-B920	SSHS-B920-SUB-10-12	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-B924	SSHS-B924-SUB-2-4	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-B925	SSHS-B925-SUB-4-6	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-B926	SSHS-B926-SUB-2-4	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	SSHS-B927-SUB-2-4	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-B928	SSHS-B928-SUB-4-6	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-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.0027U	<0.0035U	<0.0032U	<0.003U	0.069	<0.0026U	<0.015J	<0.0024U	<0.004U	0.069
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B930	SSHS-B930-SUB-8-10	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-B937	SSHS-B937-SUB-4-6	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-B939	SSHS-939-SUB-2-4	1/11/2018	2-4	<0.3U	<0.61U	<0.56U	<0.56U	88J	21J	5.8J	<0.46U	<0.66U	116.4
SSHS-B939	SSHS-B939-SUB-6-8	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
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.29	<0.0026U	0.022	<0.0024U	<0.004U	0.312
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.38	<0.0026U	0.029	<0.0023U	<0.004U	0.409
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.0027U	<0.0035U	<0.0031U	<0.003U	1.6	<0.0026U	0.13	<0.0023U	<0.004U	1.73
SSHS-B942	SSHS-B942-SUB-8-10	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-B946	SSHS-B946-SUB-6-8	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
SSHS-B948	SSHS-B948-SUB-10-12	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-B949	SSHS-B949-SUB-2-4	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-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.022	<0.0026U	<0.0047J	<0.0023U	<0.004U	0.022
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.0027U	<0.0034U	<0.0031U	<0.0029U	0.037	<0.0026U	<0.0077J	<0.0023U	<0.0039U	0.037
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	0.028	<0.0025U	<0.0071J	<0.0023U	<0.0039U	0.028
SSHS-B950	SSHS-B950-SUB-2-4	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	SSHS-B951-SUB-2-4	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-B953	SSHS-B953-SUB-12-14	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
SSHS-B954	SSHS-B954-SUB-6-8	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
SSHS-B955	SSHS-B955-SUB-4-6	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-B955	SSHS-B955-SUB-6-8	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
SSHS-B955	SSHS-B955-SUB-8-10	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	SSHS-B956-SUB-8-10	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	SSHS-B957-SUB-12-14	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-B957	SSHS-B957-SUB-8-10	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-B958	SSHS-B958-SUB-10-12	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-B959	SSHS-B959-SUB-6-8	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
SSHS-B959	SSHS-B959-SUB-8-10	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-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B960	SSHS-B960-SUB-8-10	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	SSHS-B961-SUB-8-10	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-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.0027U	<0.0034U	<0.0031U	<0.0029U	<0.0017U	<0.0026U	<0.0026U	<0.0023U	<0.004U	<0
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.003U	0.056	<0.0026U	<0.016J	<0.0024U	<0.004U	0.056
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.0026U	<0.0034U	<0.003U	<0.0029U	<0.0017U	<0.0025U	<0.0025U	<0.0023U	<0.0039U	<0
SSHS-B970	SSHS-B970-SUB-4-6	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-B971	SSHS-B971-SUB-2-4	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-B972	SSHS-B972-SUB-4-6	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
SSHS-B973	SSHS-B973-SUB-10-12	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-B973	SSHS-B973-SUB-12-14	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-B973	SSHS-B973-SUB-4-6	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
SSHS-B973	SSHS-B973-SUB-6-8	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
SSHS-B973	SSHS-B973-SUB-8-10	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-B974	SSHS-B974-SUB-4-6	3/3/2018	4-6	<0.0062U	<0.012U	<0.011U	<0.011U	0.32J	0.16J	0.028J	<0.0092U	<0.013U	0.5392
SSHS-B975	SSHS-B975-SUB-4-6	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
SSHS-B975	SSHS-B975-SUB-6-8	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
SSHS-B977	SSHS-B977-SUB-10-12	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-B977	SSHS-B977-SUB-12-14	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-B977	SSHS-B977-SUB-6-8	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-B977	SSHS-B977-SUB-8-10	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	SSHS-B978-SUB-10-12	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-B978	SSHS-B978-SUB-12-14	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-B978	SSHS-B978-SUB-6-8	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-B978	SSHS-B978-SUB-8-10	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-B979	SSHS-B979-SUB-10-12	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-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.0032U	<0.0041U	<0.0036U	<0.0035U	<0.002U	<0.003U	<0.003U	<0.0027U	<0.0047U	<0
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.0027U	<0.0035U	<0.0031U	<0.003U	<0.0017U	<0.0026U	<0.0026U	<0.0024U	<0.004U	<0
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.0028U	<0.0036U	<0.0032U	<0.0031U	<0.0018U	<0.0027U	<0.0027U	<0.0024U	<0.0041U	<0
SSHS-B980	SSHS-B980-SUB-12-14	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	SSHS-B981-SUB-10-12	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-B981	SSHS-B981-SUB-12-14	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-B981	SSHS-B981-SUB-8-10	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-B984	SSHS-B984-SUB-4-6	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
SSHS-B985	SSHS-B985-SUB-6-8	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	SSHS-B986-SUB-6-8	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-B987	SSHS-B987-SUB-10-12	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	SSHS-B989-SUB-10-12	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-B989	SSHS-B989-SUB-8-10	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-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.0026U	<0.0033U	<0.003U	<0.0028U	0.021	<0.0025U	0.019	<0.0022U	<0.0038U	0.04
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.0028U	<0.0037U	<0.0033U	<0.0031U	0.94	<0.0027U	0.23	<0.0025U	<0.0042U	1.17
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.0028U	<0.0036U	<0.0032U	<0.003U	1.1	<0.0027U	0.33	<0.0024U	<0.0041U	1.43
SSHS-B991	SSHS-B991-SUB-10-12	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	SSHS-B992-SUB-10-12	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-B992	SSHS-B992-SUB-8-10	3/4/2018	8-10	<0.12U	<0.24U	<0.22U	<0.22U	43J	14J	2.1J	<0.18U	<0.26U	59.72
SSHS-B993	SSHS-B993-SUB-10-12	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

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-B993	SSHS-B993-SUB-12-14	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-B994	SSHS-B994-SUB-4-6	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
SSHS-B995	SSHS-B995-SUB-4-6	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
SSHS-B998	SSHS-B998-SUB-8-10	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-BE-2	B-E-2	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
SSHS-BE-3	B-E-3	7/26/2018	8.3-8.3	<0.0069U	<0.014U	<0.013U	<0.013U	0.66J	0.59J	0.23J	<0.01U	<0.015U	1.516
SSHS-B-F-E-3	BFE-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-B-F-S-1	BFS-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-BSW-001	EBSW-10-12	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-C-5	C-5	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
SSHS-C-E-P-1	CEP-1	8/4/2018	10.1-10.1	<0.0062U	<0.012U	<0.011U	<0.011U	0.085J	0.039J	0.0072J	<0.0092U	<0.013U	0.1624
SSHS-C-E-S-1	CES-1	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
SSHS-C-E-S-2	CES-2	8/4/2018	5.5-5.5	<0.0065U	<0.013U	<0.012U	<0.012U	1.7J	0.57J	0.12J	<0.0097U	<0.014U	2.424
SSHS-CS-01	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-CS-02	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-CS1	SSHS-CS1	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
SSHS-CS2	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-E-3-2	E-3-2	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
SSHS-E-4-2	E-4-2	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
SSHS-EN1-1	E-N-1-1	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
SSHS-EN2-1	E-N-2-1	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
SSHS-EN2-3	E-N-2-3	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
SSHS-EN3-1	E-N-3-1	7/26/2018	4.5-4.5	<0.007U	<0.014U	<0.013U	<0.013U	2J	0.73J	0.15J	<0.01U	<0.015U	2.916
SSHS-EN3-2	E-N-3-2	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
SSHS-EN3-3	E-N-3-3	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
SSHS-EN3-4	E-N-3-4	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
SSHS-EN4-1	E-N-4-1	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
SSHS-EN4-2	E-N-4-2	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
SSHS-EN4-3	E-N-4-3	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
SSHS-EN5-1	E-N-5-1	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
SSHS-E-N-8-2	E-N-8-2	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
SSHS-E-S-1-1	E-S-1-1	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
SSHS-E-S-1-2	E-S-1-2	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
SSHS-E-S-1-3	E-S-1-3	8/3/2018	5.5-5.5	<0.0069U	<0.014U	<0.013U	<0.013U	0.13J	0.17J	0.082J	<0.01U	<0.015U	0.418
SSHS-E-S-1-4	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-ES3-2	E-S-3-2	7/26/2018	5.4-5.4	<0.0064U	<0.013U	<0.012U	<0.012U	0.89J	0.36J	0.13J	<0.0095U	<0.014U	1.413
SSHS-ES4-2	E-S-4-2	7/26/2018	5.6-5.6	<0.0064U	<0.013U	<0.012U	<0.012U	0.77J	1.4J	0.14J	<0.0095U	<0.014U	2.343
SSHS-ES5-2	E-S-5-2	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
SSHS-E-S-7-1	E-S-7-1	8/3/2018	2.9-2.9	<0.0063U	<0.012U	<0.011U	<0.012U	2.3J	1.5J	0.43J	<0.0093U	<0.013U	4.262
SSHS-E-S-8-1	E-S-8-1	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
SSHS-E-S-8-2	E-S-8-2	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
SSHS-E-S-9-1	E-S-9-1	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
SSHS-E-S-9-2	E-S-9-2	8/3/2018	3.4-3.4	<0.006U	<0.012U	<0.011U	<0.011U	3J	1J	0.2J	<0.009U	<0.013U	4.231
SSHS-E-S-9-4	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-FB1	B23494	6/29/2000	6-8	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	<0.04U	-	-	<0
SSHS-FB1	B23495	6/29/2000	16-18	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	<0.041U	-	-	<0
SSHS-FB10AA	SSHS-FB10AA-SUB-2-4	7/28/2015	2-4	<0.04U	<0.05U	<0.069U	<0.05U	4.5J	2.6J	0.44J	<0.04U	<0.073U	7.54
SSHS-FB3	B23497	6/29/2000	3-4	<0.038U	<0.038U	<0.038U	<0.038U	0.33	<0.038U	0.15	-	-	0.48
SSHS-FB4	B23498	6/29/2000	3-4	<0.038U	<0.038U	<0.038U	<0.038U	8.8D	<0.038U	0.3	-	-	9.1
SSHS-FB5	B23400	6/29/2000	6-8	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	<0.038U	-	-	<0
SSHS-FB5	B23499	6/29/2000	2-4	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-FB6	B23402	6/29/2000	17-19	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	<0.037U	-	-	<0
SSHS-FB6	B23405	6/29/2000	4-6	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	<0.039U	-	-	<0
SSHS-FB7-A	SSHS-FB7-A-SUB-2-3	7/21/2014	2-3	<0.0014U	<0.0018U	<0.0016U	<0.0015U	1.4J	0.7J	<0.0013U	<0.0012U	<0.002U	2.1
SSHS-FB7-B	SSHS-FB7-B-SUB-2-3	7/21/2014	2-3	<0.014U	<0.018U	<0.016U	<0.015U	7J	2.9J	<0.013U	<0.012U	<0.02U	9.9
SSHS-FB7-BA	SSHS-FB7-BA-SUB-4-6	7/15/2015	4-6	<0.0041U	<0.005U	<0.0069U	<0.005U	5.1J	2J	0.16J	<0.004U	<0.0074U	7.26
SSHS-FB7-BA	SSHS-FB7-BA-SUB-6-8	7/15/2015	6-8	<0.0039U	<0.0048U	<0.0066U	<0.0048U	<0.0048U	<0.0045U	<0.0042U	<0.0039U	<0.0071U	<0
SSHS-FB7-C	SSHS-FB7-C-SUB-2-3	7/21/2014	2-3	<0.0014U	<0.0018U	<0.0016U	<0.0015U	1.2J	0.41J	<0.0013U	<0.0012U	<0.0021U	1.61
SSHS-FB7-D	SSHS-FB7-D-SUB-2-3	7/21/2014	2-3	<0.69U	<0.88U	<0.79U	<0.75U	340 - 540J	110 - 150J	<0.65U	<0.59U	<1U	1140
SSHS-FB7-DA	SSHS-FB7-DA-SUB-4-6	7/15/2015	4-6	<0.02U	<0.024U	<0.034U	<0.025U	17J	6.1J	0.43J	<0.02U	<0.036U	23.53
SSHS-FB7-DA	SSHS-FB7-DA-SUB-6-8	7/15/2015	6-8	<0.0041U	<0.005U	<0.007U	<0.0051U	0.029J	0.013J	<0.0044U	<0.0041U	<0.0074U	0.042
SSHS-FB7-E	SSHS-FB7-E-SUB-2-3	7/21/2014	2-3	<0.0069U	<0.0089U	<0.008U	<0.0076U	<5.4J	2.9J	<0.0066U	<0.006U	<0.01U	2.9
SSHS-GS2-1	G-S-2-1	7/26/2018	2.8-2.8	<0.063U	<0.13U	<0.12U	<0.12U	33J	14J	1J	<0.094U	<0.14U	48.33
SSHS-GS2-2	G-S-2-2	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
SSHS-GS2-3	G-S-2-3	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
SSHS-GS3-1	G-S-3-1	7/26/2018	2.5-2.5	<0.0069U	<0.014U	<0.013U	<0.013U	5.2J	2.2J	0.2J	<0.01U	<0.015U	7.636
SSHS-GS3-2	G-S-3-2	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
SSHS-GS3-3	G-S-3-3	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
SSHS-GS3-4	G-S-3-4	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
SSHS-GS4-1	G-S-4-1	7/26/2018	3.2-3.2	<0.0062U	<0.012U	<0.011U	<0.011U	3.6J	1.5J	0.14J	<0.0093U	<0.013U	5.271
SSHS-GS4-2	G-S-4-2	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
SSHS-GS4-3	G-S-4-3	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
SSHS-MW42	MW-42-10-11	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-MW42	MW-42-5-6	3/1/2016	5-6	<0.0091U	<0.014U	<0.005U	<0.0074U	<0.0047U	<0.0074U	<0.0068U	<0.0037U	<0.0062U	<0
SSHS-MW43	MW-43-5-6	3/1/2016	5-6	<0.0086U	<0.014U	<0.0047U	<0.0069U	<0.0044U	<0.0069U	<0.0064U	<0.0035U	<0.0058U	<0
SSHS-MW43	MW-43-6-7	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-MW44	MW-44-18-19	2/29/2016	18-19	<0.008U	<0.013U	<0.0044U	<0.0065U	<0.0041U	<0.0065U	<0.006U	<0.0033U	<0.0054U	<0
SSHS-MW44	MW-44-5-6	2/29/2016	5-6	<0.0087U	<0.014U	<0.0047U	<0.007U	0.41J	0.23J	0.079J	<0.0035U	<0.0059U	0.719
SSHS-MW45	SSHS-MW-45-SUB-10-12	9/26/2016	10-12	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	<0.0555
SSHS-MW45	SSHS-MW-45-SUB-12-14	9/26/2016	12-14	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0053U	<0.0554
SSHS-MW45	SSHS-MW-45-SUB-14-16	9/26/2016	14-16	<0.0079U	<0.012U	<0.0043U	<0.0064U	<0.004U	<0.0064U	<0.0059U	<0.0032U	<0.0054U	<0.0555
SSHS-MW45	SSHS-MW-45-SUB-16-18	9/26/2016	16-18	<0.008U	<0.013U	<0.0044U	<0.0064U	<0.0041U	<0.0064U	<0.006U	<0.0033U	<0.0054U	<0.057
SSHS-MW45	SSHS-MW-45-SUB-18-20	9/26/2016	18-20	<0.0084U	<0.013U	<0.0046U	<0.0067U	<0.0043U	<0.0067U	<0.0063U	<0.0034U	<0.0057U	<0.0591
SSHS-MW45	SSHS-MW-45-SUB-20-22	9/26/2016	20-22	<0.0084U	<0.013U	<0.0046U	<0.0068U	<0.0043U	<0.0068U	<0.0063U	<0.0034U	<0.0057U	<0.0593
SSHS-MW45	SSHS-MW45-SUB-2-4	8/30/2016	2-4	<0.0078U	<0.012U	<0.0043U	<0.0063U	0.76J	0.46J	0.11J	<0.0032U	<0.0053U	1.349
SSHS-MW45	SSHS-MW45-SUB-4-6	8/30/2016	4-6	<0.0079U	<0.012U	<0.0043U	<0.0063U	<0.004U	<0.0063U	<0.0059U	<0.0032U	<0.0053U	<0.0552
SSHS-MW45	SSHS-MW45-SUB-6-8	8/30/2016	6-8	<0.0084U	<0.013U	<0.0046U	<0.0067U	<0.0043U	<0.0067U	<0.0063U	<0.0034U	<0.0057U	<0.0591
SSHS-MW45	SSHS-MW45-SUB-8-10	8/30/2016	8-10	<0.0078U	<0.012U	<0.0042U	<0.0063U	0.67J	0.36J	0.077J	<0.0032U	<0.0053U	1.126
SSHS-MW46	SSHS-MW46-SUB-10-12	8/30/2016	10-12	<0.048U	<0.075U	<0.026U	<0.038U	8.9J	3.3J	0.49J	<0.019U	<0.032U	12.81
SSHS-MW46	SSHS-MW46-SUB-12-14	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-MW46	SSHS-MW46-SUB-8-10	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-nat_gas_1	NAT GAS 1	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
SSHS-nat_gas_2	NAT GAS 2	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
SSHS-N-E-0	N-E-0	8/6/2018	4.7-4.7	<0.0065U	<0.013U	<0.012U	<0.012U	0.16J	0.11J	0.032J	<0.0097U	<0.014U	0.3356
SSHS-N-E-1	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-NSBW	NBSW-10-12	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	P1-10-12	7/12/2018	10-12	<0.25U	<0.49U	<0.45U	<0.45U	120J	44J	3.4J	<0.37U	<0.53U	168.7
SSHS-P2	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-P-2	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-P-3	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-P-4	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-PE-1	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-PW-1	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-RS-3	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-RS-5	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-SN3-1	S-N-3-1	7/26/2018	4.2-4.2	<0.0062U	<0.012U	<0.011U	<0.011U	0.32J	0.2J	0.091J	<0.0093U	<0.013U	0.6423
SSHS-SN4-2	S-N-4-2	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
SSHS-SN5-1	S-N-5-1	7/26/2018	4.8-4.8	<0.006U	<0.012U	<0.011U	<0.011U	0.11J	0.059J	0.025J	<0.009U	<0.013U	0.225
SSHS-SS-02_8_20	SS-02 (6-8) 20180820	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
SSHS-SS-03_8_20	SS-03 (4-6) 20180820	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
SSHS-SS-04_8_20	SS-04 (2-4) 20180820	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-SS-05_8_20	SS-05 (6-8) 20180820	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-SS-06_8_20	SS-06 (8-10) 20180820	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-07_8_20	SS-07 (10-12) 20180820	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-SS1_7_21	SS1	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-SS-10_8_20	SS-10 (8-10) 20180820	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	SS-11 (8-10) 20180820	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

TABLE E-2
Summary of PCBs in Subsurface Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Polychlorinated Biphenyls									
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Arochlor 1262	Total PCBs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.0001	0.0001	0.000078	0.00016	0.00011	0.00017	0.00013	0.00006	0.00014	
			Subsurface Cleanup Criteria										10
			TSCA										50
Location	**Field ID**	**Sample Date**	**Sample Depth**										
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	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-SS12-A	SSHS-SS12-A-2-3	7/22/2014	2-3	<0.0067U	<0.0086U	<0.0078U	<0.0074U	8.2J	3.3J	<0.0064U	<0.0058U	<0.0099U	11.5
SSHS-SS12-B	SSHS-SS12-B-2-3	7/22/2014	2-3	<0.034U	<0.043U	<0.039U	<0.037U	20J	12J	<0.032U	<0.029U	<0.05U	32
SSHS-SS12-C	SSHS-SS12-C-2-3	7/22/2014	2-3	<0.067U	<0.086U	<0.077U	<0.073U	100J	29J	<0.064U	<0.058U	<0.098U	129
SSHS-SS12-CA	SSHS-SS12-CA-SUB-4-6	7/17/2015	4-6	<0.02U	<0.024U	<0.034U	<0.025U	8.6J	3.3J	0.58J	<0.02U	<0.036U	12.48
SSHS-SS12-CA	SSHS-SS12-CA-SUB-6-8	7/17/2015	6-8	<0.004U	<0.0049U	<0.0067U	<0.0049U	<0.0049U	<0.0046U	<0.0043U	<0.0039U	<0.0072U	<0
SSHS-SS-13_8_20	SS-13 (8-10) 20180820	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-14_8_20	SS-14 (10-12) 20180820	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-15_8_20	SS-15 (8-10) 20180820	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-SS-16_8_20	SS-16 (10-12) 20180820	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-SS2_7_21	SS2	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
SSHS-SW-002	SW-002-2-4	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	SW-003-2-4	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-004	SW-004-4-6	7/11/2018	4-6	<0.0063U	<0.012U	<0.011U	<0.012U	0.11J	0.089J	<0.0055U	<0.0093U	<0.014U	0.2341
SSHS-SW-005	SW-005-4-6	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
SSHS-SW-006	SW-006-4-6	7/11/2018	4-6	<0.057U	<0.11U	<0.1U	<0.11U	20J	7.3J	0.62J	<0.086U	<0.12U	28.21
SSHS-SW-007	SW-007-4-6	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
SSHS-SW-008	SW-008-6-8	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	SW-009-6-8	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-010	SW-010-8-10	7/11/2018	8-10	<0.0061U	<0.012U	<0.011U	<0.011U	0.15J	0.086J	<0.0054U	<0.0092U	<0.013U	0.2699
SSHS-SW-011	SW-011-10-12	7/11/2018	10-12	<0.13U	<0.26U	<0.24U	<0.24U	28J	11J	1J	<0.19U	<0.28U	40.67
SSHS-SW-012	SW-012-2-4	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
SSHS-SW-013	SW-013-2-4	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
SSHS-SW-016	SW-016-2-4	7/11/2018	2-4	<0.0059U	<0.012U	<0.011U	<0.011U	4.4J	2.4J	0.41J	<0.0088U	<0.013U	7.241
SSHS-SW-018	SW-018-4-6	7/12/2018	4-6	<0.12U	<0.23U	<0.21U	<0.21U	37J	16J	1.5J	<0.17U	<0.25U	55.1
SSHS-SW-019	SW-019-6-8	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	SW-020-6-8	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-SW-021	SW-021-4-6	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
SSHS-UTP-01	UTP-01	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
SSHS-UTP-02	UTP-02	8/29/2018	2.5-2.5	<0.12U	<0.24U	<0.22U	<0.23U	22J	11J	1J	<0.18U	<0.26U	34.63
SSHS-UTP-03	UTP-03	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
SSHS-W10-1	W10-1	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
SSHS-W10-2	W10-2	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
SSHS-W11-1	W11-1	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
SSHS-W11-2	W11-2	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
SSHS-W1-2	W1-2	7/27/2018	4.8-4.8	<0.0064U	<0.013U	<0.012U	<0.012U	1.1J	0.46J	0.12J	<0.0096U	<0.014U	1.714
SSHS-W12-1	W12-1	7/27/2018	4-4	<0.0067U	<0.013U	<0.012U	<0.012U	0.51J	0.24J	0.063J	<0.01U	<0.014U	0.8469
SSHS-W12-2	W12-2	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
SSHS-W2-3	W2-3	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
SSHS-W3-1	W3-1	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
SSHS-W3-2	W3-2	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
SSHS-W4-2	W4-2	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
SSHS-W6-1	W6-1	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
SSHS-W6-3	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-W7-1	W7-1	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
SSHS-W7-2	W7-2	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
SSHS-W8-1	W8-1	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
SSHS-W9-2	W9-2	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
SSHS-WL-01	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-WL-02	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-WL-03	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-04	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-WWC_7_21	WWC	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
SSHS-WWN_7_21	WWN	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-WWS_7_21	WWS	7/21/2018	2.7-2.7	<0.0058U	<0.012U	<0.011U	<0.011U	0.33	0.16	0.039	<0.0087U	<0.013U	0.5598

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

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
OS-SB-03	OS-SB-03-SUB-0-1	4/23/2018	0-1	100	-	-	60	290	-	<0.57U	-	-	56	-	-	-	-	-	-	0.26	-	-	2.9	<0.12U	-	-	-	-
OS-SB-03	OS-SB-03-SUB-1-2	4/23/2018	1-2	140	-	-	42	270	-	1.7	-	-	56	-	-	-	-	-	-	0.32	-	-	2.3	<0.13U	-	-	-	-
OS-SB-04	OS-SB-04-SUB-0-1	4/23/2018	0-1	130	-	-	44	270	-	0.75	-	-	25	-	-	-	-	-	-	0.37	-	-	3	<0.12U	-	-	-	-
OS-SB-04	OS-SB-04-SUB-1-2	4/23/2018	1-2	85	-	-	32	320	-	0.25J	-	-	21	-	-	-	-	-	-	0.32	-	-	2.6	<0.13U	-	-	-	-
OS-SB-04	OS-SB-04-SUB-2-4	4/23/2018	2-4	110	-	-	41	190	-	0.34J	-	-	15	-	-	-	-	-	-	0.97	-	-	3.6	<0.12U	-	-	-	-
OS-SB-04	OS-SB-04-SUB-4-6	4/23/2018	4-6	52	-	-	86	260	-	0.37J	-	-	15	-	-	-	-	-	-	1.1	-	-	6	0.14J	-	-	-	-
OS-SB-04	OS-SB-04-SUB-6-8	4/23/2018	6-8	14	-	-	100	250	-	0.52J	-	-	8.9	-	-	-	-	-	-	2.7	-	-	6.8	<0.15U	-	-	-	-
OS-SB-05	OS-SB-05-SUB-0-1	4/23/2018	0-1	140	-	-	18	170	-	0.84	-	-	34	-	-	-	-	-	-	0.28	-	-	1.9	<0.13U	-	-	-	-
OS-SB-05	OS-SB-05-SUB-1-2	4/23/2018	1-2	52	-	-	13	140	-	0.2J	-	-	14	-	-	-	-	-	-	0.05	-	-	1.5	<0.12U	-	-	-	-
OS-SB-05	OS-SB-05-SUB-2-4	4/23/2018	2-4	38J	-	-	29J	270J	-	0.26J	-	-	16J	-	-	-	-	-	-	0.089	-	-	2.9	<0.13U	-	-	-	-
OS-SB-05	OS-SB-05-SUB-4-6	4/23/2018	4-6	20	-	-	71	360	-	0.13J	-	-	13	-	-	-	-	-	-	0.075	-	-	6.1	<0.12U	-	-	-	-
OS-SB-05	OS-SB-05-SUB-6-8	4/23/2018	6-8	24	-	-	54	190	-	0.22J	-	-	12	-	-	-	-	-	-	0.17	-	-	2.5	<0.13U	-	-	-	-
OS-SB-06	OS-SB-06-SUB-0-1	4/24/2018	0-1	80J	-	-	39	270J	-	0.31J	-	-	22J	-	-	-	-	-	-	0.34J	-	-	5.9	<0.13U	-	-	-	-
OS-SB-06	OS-SB-06-SUB-1-2	4/24/2018	1-2	47	-	-	110	470F1	-	0.11J	-	-	18	-	-	-	-	-	-	0.33	-	-	6.8	<0.12U	-	-	-	-
OS-SB-06	OS-SB-06-SUB-2-4	4/24/2018	2-4	15	-	-	95	420	-	<0.048U	-	-	11	-	-	-	-	-	-	0.47	-	-	4.2	<0.14U	-	-	-	-
OS-SB-06	OS-SB-06-SUB-4-6	4/24/2018	4-6	8.5	-	-	57	190	-	0.14J	-	-	10	-	-	-	-	-	-	0.081	-	-	3	<0.12U	-	-	-	-
OS-SB-06	OS-SB-06-SUB-6-8	4/24/2018	6-8	27	-	-	290	200	-	0.071J	-	-	16	-	-	-	-	-	-	0.073	-	-	6.6	<0.13U	-	-	-	-
OS-SB-07	OS-SB-07-SUB-0-1	4/24/2018	0-1	54J	-	-	28J	130	-	0.22J	-	-	18	-	-	-	-	-	-	0.16J+	-	-	2	<0.12U	-	-	-	-
OS-SB-07	OS-SB-07-SUB-1-2	4/24/2018	1-2	43	-	-	31	140	-	0.23J	-	-	21	-	-	-	-	-	-	0.16	-	-	2.4	<0.11U	-	-	-	-
OS-SB-07	OS-SB-07-SUB-2-4	4/24/2018	2-4	53	-	-	37	100	-	0.091J	-	-	14	-	-	-	-	-	-	0.13	-	-	3.2	<0.11U	-	-	-	-
OS-SB-07	OS-SB-07-SUB-4-6	4/24/2018	4-6	15	-	-	15	82	-	0.13J	-	-	14	-	-	-	-	-	-	0.062	-	-	<0.57U	<0.12U	-	-	-	-
OS-SB-07	OS-SB-07-SUB-6-8	4/24/2018	6-8	8.2	-	-	12	78	-	0.17J	-	-	14	-	-	-	-	-	-	0.044	-	-	0.95J	<0.11U	-	-	-	-
OS-SB-08	OS-SB-08-SUB-0-1	4/24/2018	0-1	64	-	-	42	130	-	0.14J	-	-	21	-	-	-	-	-	-	0.15	-	-	3	<0.12U	-	-	-	-
OS-SB-08	OS-SB-08-SUB-1-2	4/24/2018	1-2	67	-	-	37	110	-	0.15J	-	-	25	-	-	-	-	-	-	0.62	-	-	2.4	<0.12U	-	-	-	-
OS-SB-08	OS-SB-08-SUB-2-4	4/24/2018	2-4	29	-	-	39	62	-	0.059J	-	-	15	-	-	-	-	-	-	0.11	-	-	2.4	<0.14U	-	-	-	-
OS-SB-08	OS-SB-08-SUB-4-6	4/24/2018	4-6	11	-	-	21	80	-	0.067J	-	-	10	-	-	-	-	-	-	0.032J	-	-	1	<0.11U	-	-	-	-
OS-SB-08	OS-SB-08-SUB-6-8	4/24/2018	6-8	9.7	-	-	22	78	-	0.14J	-	-	12	-	-	-	-	-	-	0.025J	-	-	0.78J	<0.11U	-	-	-	-
OS-SB-09	OS-SB-09-SUB-0-1	4/23/2018	0-1	60J	-	-	15	97J	-	0.15J	-	-	19	-	-	-	-	-	-	0.2	-	-	2.4	<0.12U	-	-	-	-
OS-SB-09	OS-SB-09-SUB-1-2	4/23/2018	1-2	58	-	-	13	130	-	<0.6U	-	-	17	-	-	-	-	-	-	0.34	-	-	1J	<0.13U	-	-	-	-
OS-SB-09	OS-SB-09-SUB-2-4	4/23/2018	2-4	180	-	-	17	860	-	<0.61U	-	-	13	-	-	-	-	-	-	0.2	-	-	1.5	<0.13U	-	-	-	-
OS-SB-10	OS-SB-10-SUB-0-1	4/23/2018	0-1	230J	-	-	14	140	-	0.2J	-	-	14	-	-	-	-	-	-	0.07	-	-	0.78J	<0.13U	-	-	-	-
OS-SB-11	OS-SB-11-SUB-0-1	4/23/2018	0-1	34	-	-	21	120	-	0.13J	-	-	13	-	-	-	-	-	-	0.082	-	-	2	<0.12U	-	-	-	-
OS-SB-11	OS-SB-11-SUB-1-2	4/23/2018	1-2	120F1	-	-	12	180	-	0.16J	-	-	20F1	-	-	-	-	-	-	0.045	-	-	1.1J	<0.12U	-	-	-	-
OS-SB-12	OS-SB-12-SUB-0-1	4/23/2018	0-1	190	-	-	23	200	-	0.43J	-	-	51	-	-	-	-	-	-	0.061	-	-	1.5	1.8	-	-	-	-
OS-SB-12	OS-SB-12-SUB-1-2	4/23/2018	1-2	120	-	-	14	160	-	0.26J	-	-	22	-	-	-	-	-	-	0.18	-	-	2.3	<0.14U	-	-	-	-
OS-SB-13	OS-SB-13-SUB-0-1	4/23/2018	0-1	76	-	-	21	150	-	0.32J	-	-	40	-	-	-	-	-	-	0.27	-	-	2.4	<0.13U	-	-	-	-
OS-SB-13	OS-SB-13-SUB-1-2	4/23/2018	1-2	80	-	-	15	87	-	0.18J	-	-	12	-	-	-	-	-	-	0.1	-	-	2.8	<0.13U	-	-	-	-
SSHS-B10	B23464	5/10/2000	2-3	33.1	-	-	8.5	54.8	<0.6U	<0.6U	-	-	6.2	-	-	58	-	-	-	<0.06U	7.3	-	1.2	<1.2U	-	-	-	8.5
SSHS-B100	SSHS-B100-10-13.5 (12)	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	-	19	63B
SSHS-B100	SSHS-B100-4-6 (5.5)	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-B100	SSHS-B100-6-10 (8)	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	-	16	65B
SSHS-B101	SSHS-B101-12-15.5R (15)	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	-	10	76B
SSHS-B101	SSHS-B101-3-6 (4)	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-B101	SSHS-B101-8-10 (9)	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	-	17	35B
SSHS-B1027	SSHS-B1027-SUB-0-2	4/26/2018	0-2	41	8800	0.62J	8	100	0.47	0.19J	19,000	-	14	-	8	46	20,000	4400	690	0.052	29	880	0.59J	<0.12U	<0.24U	-	14	70
SSHS-B1028	SSHS-B1028-SUB-0-2	5/24/2018	0-2	65	10,000	<0.52U	7.8	130	0.51J	0.32J	3200	-	15	-	8.2	61	20,000	2600	650	0.041	33	1300	<0.79U	<0.16U	<0.32U	-	15	110
SSHS-B1029	SSHS-B1029-SUB-0-2	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	SSHS-B1030-SUB-0-2	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-B1031	SSHS-B1031-SUB-0-2	5/24/2018	0-2	790	11,000	0.83J	14	130	0.56	0.78	3400	-	22	-	8.8	370	33,000	2400	540	0.1	140	1100	1.1J	<0.14U	<0.27U	-	19	370
SSHS-B1032	SSHS-B1032-SUB-0-2	5/24/2018	0-2	390F2	7900	0.49J,F1,F2	14	180	0.59	0.45J	3600	-	25	-	13	180	27,000F2	2000	390F2	0.18F1	83F1	1000	0.78J	<0.13U	<0.27U	-	16	160
SSHS-B11	B23461	5/10/2000	1-3	70.8	-	-	8.4	79.3	<0.56U	<0.56U	-	-	12.3	-	-	40.8	-	-	-	1.4	18.1	-	<0.56U	<1.1U	-	-	-	72.1
SSHS-B12	B23468	5/10/2000	1-4	19.1	-	-	4.5	105	<0.55U	<0.55U	-	-	11.1	-	-	21.7	-	-	-	<0.06U	15.1	-	<0.56U	<1.1U	-	-	-	69.4
SSHS-B1251	SSHS-B1251-SUB-10-12	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	-	16	51
SSHS-B1252	SSHS-B1252-SUB-10-12	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	-	15	51
SSHS-B1254	SSHS-B1254-SUB-10-12	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	-	13	70
SSHS-B1254	SSHS-B1254-SUB-12-14	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	-	15	83
SSHS-B1260	SSHS-B1260-SUB-0-2	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-B1261	SSHS-B1261-SUB-0-2	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-B1299	SSHS-B1299-SUB-10-12	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	-	15	220
SSHS-B13	B23466	5/10/2000	1-2	46.8	-	-	12.4	93.2	<0.57U	<0.57U	-	-	12.6	-	-	51.1	-	-	-	0.09	19.5	-	0.86	<1.1U	-	-	-	66.6
SSHS-B1303	SSHS-B1303-SUB-12-14	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	-	10	94

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B14	B23470	5/10/2000	5-6	24.2	-	-	5.1	48.8	<0.54U	<0.54U	-	-	8.3	-	-	24.4	-	-	-	<0.05U	14.1	-	<0.54U	<1.1U	-	-	-	121
SSHS-B1408	SSHS-B1408-6-8	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	SSHS-B1409-6-8	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-B15	B23454	5/10/2000	4-5	149	-	-	9.1	<611U	<0.57U	<0.57U	-	-	21.4	-	-	85.2	-	-	-	<0.06U	38	-	0.89	<1.1U	-	-	-	205
SSHS-B1500	SSHS-B1500 (6-8) 2018082	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-B16	B23457	5/10/2000	1-2	303	-	-	7.2	207	<0.56U	<0.56U	-	-	16.7	-	-	137	-	-	-	0.07	59.2	-	0.71	<1.1U	-	-	-	106
SSHS-B17	B23459	5/10/2000	1-3	16.5	-	-	4.1	118	<0.6U	<0.6U	-	-	13.4	-	-	11.6	-	-	-	<0.06U	16.5	-	<0.59U	<1.2U	-	-	-	60.6
SSHS-B18	B23460	5/10/2000	1-3	34	-	-	4.3	69.6	<0.54U	<0.54U	-	-	11.7	-	-	30.1	-	-	-	0.06	20.9	-	<0.55U	<1.1U	-	-	-	95.3
SSHS-B19	B23453	5/9/2000	1-4	51.9N*	-	-	4.7N*	105	<0.55U	<0.55U	-	-	14.5	-	-	65N*	-	-	-	<0.05UN	49.4N	-	0.77	<1.1U	-	-	-	84.2N
SSHS-B2	B23488	5/12/2000	1-2	16.7	-	-	7	136*	<0.61U	<0.61U	-	-	14	-	-	15.9	-	-	-	<0.06U	23.3	-	<0.61U	<1.2U	-	-	-	73.1*
SSHS-B20	B23450	5/9/2000	5-7	151N*	-	-	5.9N*	320	<0.57U	<0.57U	-	-	13.1	-	-	45.8N*	-	-	-	<0.05UN	74.2N	-	<0.58U	<1.1U	-	-	-	88.3N
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	56	8600	0.59J	7.5^	86	0.47	<0.04U	11,000	-	11	-	8	48	20,000B	3500	790	0.78	16	740B	<0.57U	<0.12U	0.36J	-	18	77
SSHS-B2024	SSHS-B2024-SUB-10-12	7/26/2018	10-12	12	5600	<0.37U	4.7	51	0.22J	1.1	5800	-	10	-	5.1J	20	15,000	1900	300	0.042	11	610	<0.56U	<0.11U	0.32J	-	11	67
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	12	5300	<0.38U	5.1	29	0.21J	0.64	3600	-	7.5	-	4.9J	22	14,000	3000	380	0.014J	11	550J	<0.58U	<0.12U	<0.24U	-	9.7	63
SSHS-B2024	SSHS-B2024-SUB-2-4	7/26/2018	2-4	71	6900	0.67J	7.3^	61	0.36J	<0.04U	12,000	-	11	-	6.9	43	21,000B	2900	580	0.046	14	690B	<0.56U	<0.12U	0.3J	-	17	69
SSHS-B2024	SSHS-B2024-SUB-8-10	7/26/2018	8-10	15	6300	0.4J	4.9	52	0.26J	0.4J	7800	-	11	-	5.5J	30	18,000F2	2000F2	310	0.062	12	620	<0.58U	0.12J	<0.23U	-	13	68F1
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	93	8100	1.2	7.6	100	0.4J	<0.04U	9100	-	24	-	7.7	62	24,000	2700	480	0.088	38	770	<0.56U	<0.12U	<0.23U	-	16	120
SSHS-B2025	SSHS-B2025-SUB-10-12	7/26/2018	10-12	29	7300	<0.37U	5.5	79	0.27J	<0.039U	80,000	-	14	-	6.5	28	15,000	5600	790	0.089	24	760	<0.56U	<0.11U	<0.23U	-	13	66
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	9.4	6100	<0.38U	5.1	58	0.26J	<0.041U	3800	-	7.8	-	5.6J	27	15,000	3100	690	0.011J	13	730	<0.58U	<0.12U	0.55J	-	11	55
SSHS-B2025	SSHS-B2025-SUB-2-4	7/26/2018	2-4	280	9600	0.6J	8.7	190	0.42J	<0.042U	12,000	-	21	-	8.6	88	33,000	3400	580	0.25	32	760	0.83J	<0.12U	0.36J	-	21	320
SSHS-B2025	SSHS-B2025-SUB-4-6	7/26/2018	4-6	89	8800	0.76J	6.6	110	0.35J	<0.043U	42,000	-	11	-	6.7	28	23,000	5100	500	0.085	30	620	<0.61U	<0.12U	<0.25U	-	13	130
SSHS-B2025	SSHS-B2025-SUB-6-8	7/26/2018	6-8	27	8300	0.4J	4.7	53	0.31J	<0.042U	38,000	-	9.5	-	5.8	26	15,000	3900	310	0.061	20	680	<0.59U	<0.12U	0.32J	-	13	54
SSHS-B2025	SSHS-B2025-SUB-8-10	7/26/2018	8-10	16	7700	<0.39U	5.9	58	0.29J	<0.041U	23,000	-	11	-	6.7	23	16,000	3500	680	0.021J	16	730	<0.59U	<0.12U	<0.24U	-	13	54
SSHS-B2026	SSHS-B2026-SUB-10-12	7/26/2018	10-12	59	11,000	<0.45U,F1	10	120	0.52J	<0.048U	3800F1,F2	-	20	-	10	67F1	27,000	3200	620	0.092	43	990B	<0.68U	<0.14U	0.46J	-	18	100F1
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	300	10,000	2.7	9.7	140	0.43J	<0.04U	19,000	-	36	-	11	540	52,000	4100	850	0.061	180	810B	<0.57U	0.22J	<0.23U	-	19	160
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	74	9400	0.7J	6.1	96	0.4J	0.17J	12,000	-	14	-	7.5	99	23,000	3100	470	0.57	24	730	<0.58U	<0.12U	<0.24U	-	16	100
SSHS-B2026	SSHS-B2026-SUB-4-6	7/26/2018	4-6	170	6700	2.3	11	140	0.47J	0.54J	5800	-	21	-	5.6J	150	38,000	1100	970	0.81	47	490J	1.2	<0.13U	<0.26U	-	15	140
SSHS-B2026	SSHS-B2026-SUB-6-8	7/26/2018	6-8	47	5100	0.49J	3.9	67	0.24J	0.11J	1200	-	8.8	-	3.4J	22	14,000	1000	180	14	15	340J	<0.6U	<0.12U	<0.24U	-	8.9	57
SSHS-B2026	SSHS-B2026-SUB-8-10	7/26/2018	8-10	29	6800	<0.38U	4.6	65	0.29J	0.12J	3700	-	9.8	-	5.5	160	17,000	2000	360	0.21	15	510J	<0.57U	<0.12U	<0.23U	-	9.9	81
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	18	13,000	<0.43U	8.6	130	0.62	<0.045U	2700	-	16	-	12	19	24,000	4000	680	0.037J	25	1100B	<0.64U	<0.13U	0.5J	-	19	73
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	14	5100	<0.38U	3.5	31	0.22J	<0.041U	27,000	-	7.6	-	4.7J	17	11,000	5300	420	<0.0087U	12	640B	<0.58U,^	<0.12U	<0.24U	-	8.1	52
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	7.7	5300	<0.39U	3.5	72	0.17J	<0.042U	21,000	-	7.5	-	4.6J	16	11,000	3900	310	<0.0083U	9.8	790B	<0.59U,^	<0.12U	<0.24U	-	9.8	55
SSHS-B2027	SSHS-B2027-SUB-2-4	7/26/2018	2-4	67	7900	1.2	6.1	80	0.36J	<0.041U	5600	-	13	-	6.5	56	19,000	2600	490	0.093	20	630B	<0.57U	<0.12U	0.44J	-	15	95
SSHS-B2027	SSHS-B2027-SUB-4-6	7/26/2018	4-6	30	9400	<0.39U	7.4	74	0.4J	<0.042U	14,000	-	13	-	7.8	39	19,000	7200	430	0.044	20	790B	<0.6U,^	<0.12U	<0.24U	-	15	84
SSHS-B2027	SSHS-B2027-SUB-6-8	7/26/2018	6-8	74	11,000	5.2	7.5	82	0.46	<0.041U	9700	-	17	-	8.2	100	23,000	3200	870	0.28	24	880B	<0.58U,^	<0.12U	0.52J	-	19	120
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	13	6400	<0.4U	3.4	46	0.24J	<0.042U	4600	-	9.2	-	5.9	20	13,000	2300	370	0.015J	17	680B	<0.6U,^	<0.12U	0.35J	-	9.8	70
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	28	11,000	<0.46U	7.5	97	0.49J	<0.049U	3900	-	16	-	10	38	24,000	4100	570	0.047	24	890	<0.7U,^	<0.14U	0.42J	-	17	88
SSHS-B2028	SSHS-B2028-SUB-10-12	7/26/2018	10-12	19	6100	<0.37U	6.9	35	0.28J	<0.04U	890	-	9.8	-	5.2J	25	15,000	1800	400	0.014J	14	690	<0.56U,^	<0.12U	0.25J	-	11	57
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	7.2	5300	<0.36U	4.1	32	0.22J	0.092J	13,000	-	8.7	-	4.1J	19	12,000	5000	400	<0.0078U	11	580	<0.54U	<0.11U	<0.22U	-	10	51
SSHS-B2028	SSHS-B2028-SUB-2-4	7/26/2018	2-4	130	5100	1.8	7.2	79	0.36J	<0.043U	6800	-	21	-	7	170	35,000	1400	580	0.26	42	650	1J,^	<0.13U	0.39J	-	19	140
SSHS-B2028	SSHS-B2028-SUB-4-6	7/26/2018	4-6	120	8400	2.4	12	110	0.43J	<0.081U	15,000	-	41	-	13	340	71,000	2500	1200	0.19	68	880	1.1^	<0.12U	0.73J	-	43	220
SSHS-B2028	SSHS-B2028-SUB-6-8	7/26/2018	6-8	44	7700	0.44J	6.5	54	0.34J	<0.04U	4600	-	18	-	7.5	64	23,000	2100	420	0.055	33	620	<0.56U,^	<0.11U	0.4J	-	15	76
SSHS-B2028	SSHS-B2028-SUB-8-10	7/26/2018	8-10	25F1	7300	<0.38U,F1	5.5	42	0.31J	0.11J	1300F1	-	16F1	-	6.3	150F2	20,000F2	2000	460F2	0.025J	66F1	690	<0.58U	<0.12U	<0.23U	-	13	81F1
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	30	7400	<0.4U	5.9	78	0.32J	0.11J	31,000	-	11	-	6.1	24	17,000	14,000	360	0.68	17	670	<0.6U	0.42J	<0.24U	-	14	74
SSHS-B2030	SSHS-B2030-SUB-10-12	7/27/2018	10-12	9.4	7000	<0.36U	5.3	51	0.27J	0.068J	22,000	-	11	-	6	30	16,000	8000	440	0.013J	16	720	<0.54U	<0.11U	<0.22U	-	12	51
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	4.4	4600	<0.36U	4	52	0.16J	0.054J	28,000	-	6.1	-	4.9J	17	12,000	6600	670	<0.008U	11	480J	<0.54U	<0.11U	<0.22U	-	8	37
SSHS-B2030	SSHS-B2030-SUB-2-4	7/27/2018	2-4	25	8100	<0.36U	87	72	0.37J	0.27J	31,000	-	10	-	6.5	24	19,000	4800	400	0.054	17	710	<0.55U	<0.11U	<0.22U	-	13	54
SSHS-B2030	SSHS-B2030-SUB-4-6	7/27/2018	4-6	16	12,000	<0.4U	7.6	58	0.53	0.059J	4800	-	15	-	11	21	23,000	3000	490	0.063	19	880	<0.61U	<0.12U	<0.25U	-	21	56
SSHS-B2030	SSHS-B2030-SUB-6-8	7/27/2018	6-8	7.8	6800	<0.37U	4.3	56	0.26J	0.075J	3700	-	9.3	-	5.4	16	16,000	2400	450	0.02J	13	680	<0.56U	<0.11U	<0.23U	-	11	48
SSHS-B2030	SSHS-B2030-SUB-8-10	7/27/2018	8-10	6.2	5100	<0.36U	4.5	40	0.2J	0.056J	62,000	-	7.1	-	4.1J	14	11,000	32,000	470	0.0089J	11	600	<0.54U	<0.11U	<0.22U	-	9.7	30
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	17	12,000B	<0.41U	7	92	0.52	0.11J	2200	-	15	-	9.5	20	23,000	3300	530	0.022J	22	740	<0.61U	<0.13U	<0.25U	-	16	67
SSHS-B2031	SSHS-B2031-SUB-10-12	7/27/2018	10-12	93	8000B	<0.36U	5.4	68	0.27J	0.094J	33,000	-	12	-	6.3	29	18,000	6100	410	0.01J	18	710	<0.54U	<0.11U	<0.22U	-	12	78
SSHS-B2031	SSHS-B2031-SUB-2-4	7/27/2018	2-4	330F2	7400B,F2	1.1F1	12	190	0.41J	1.1	14,000F1,F2	-	48F1	-	8.7	170	35,000F2	4000F1	520	0.3F1,F2	140F1	650	1.1	<0.12U	<0.23U	-	15	380
SSHS-B2031	SSHS-B2031-SUB-4-6	7/27/2018	4-6	120	9600B	<0.39U	6.4	90	0.39J	0.28J	36,000	-	15	-	6.4	37	17,000	5700	490	0.029J	26	720	<0.59U	<0.12U	<0.24U	-	13	140
SSHS-B2031	SSHS-B2031-SUB-6-8	7/27/2018	6-8	56	7400B	<0.36U	8.6	63	0.3J	0.14J	42,000	-	12	-	6.6	29	19,000	6900	460	0.016J	19	720	<0.54U	<0.11U	<0.22U	-	13	75
SSHS-B2031	SSHS-B2031-SUB-8-10	7/27/2018	8-10	18	6600B	<0.35U	8.1	66	0.23J	0.58	52,000	-	11	-	5.5	21	14,000	13,000	470	0.015J	15	660	<0.53U	<0.11U	<0.22U	-	9.5	200
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	86	12,000	<0.39U	8.3	160	0.56	0.28J	11,000	-	17	-	9.7	43	27,000	3900	530	0.036J	51	900	<0.6U	<0.12U	<0.24U	-	18	130
SSHS-B2032	SSHS-B2032-SUB-10-12	7/27/2018	10-12	7.9	6100B	<0.35U	5.8	44	0.25J	0.08J	37,000	-	10	-	5.3	21	15,000	6900	300	<0.008U	14	710	<0.53U	<0.11U	<0.22U	-	10	55
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	6.4	5400B	<0.36U	5.2	40	0.21J	0.064J	59,000	-	8.8	-	4.8J	22	13,000	7600	340	<0.0079U	13	630	<0.55U	<0.11U	<0.22U	-	8.8	60
SSHS-B2032	SSHS-B2032-SUB-2-4	7/27/2018	2-4	19	6400	<0.36U	5.1	44	0.27J	0.11J	32,000	-	8.7	-	5.4	22	15,000	3700	400	0.0079J	17	610	<0.55U	<0.11U	<0.22U	-	11	61
SSHS-B2032	SSHS-B2032-SUB-4-6	7/27/2018	4-6	6.1	5300	<0.37U	3.4	33	0.21J	0.063J	58,000	-	7.3	-	4.4J	17	13,000	9200	290	<0.0082U	12	560	<0.55U	<0.11U	<0.22U	-	8.4	40

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																							
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																									
SSHS-B2032	SSHS-B2032-SUB-6-8	7/27/2018	6-8	6.5	5100	<0.36U	4.4	37	0.23J	0.064J	44,000	-	8.4	-	4.8J	19	14,000	6700	340	<0.0082U	13	650	<0.55U	<0.11U	<0.22U	-	8.6	41
SSHS-B2032	SSHS-B2032-SUB-8-10	7/27/2018	8-10	8.6	5900	<0.36U	4.7	47	0.23J	0.047J	36,000	-	12	-	5J	17	15,000	7700	330	<0.0076U	14	690	<0.54U	<0.11U	<0.22U	-	9.4	44
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	43	7700	<0.37U	6.3	92	0.35J	0.16J	17,000	-	12	-	6.6	35	19,000	3900	410	0.023J	34	680	<0.56U	<0.11U	<0.23U	-	12	76
SSHS-B2033	SSHS-B2033-SUB-10-12	7/27/2018	10-12	9	6800	<0.35U	5.3	50	0.23J	0.068J	43,000	-	9.4	-	5.5	21	16,000	5100	360	<0.0079U	14	700	<0.53U	<0.11U	<0.22U	-	10	52
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	3.6	4500	<0.7U	2.9	36	0.18J	0.037J	100,000	-	6.5	-	3.8J	17	10,000	6700	330	<0.008U	10	610	1	<0.11U	<0.22U	-	9.2	36
SSHS-B2033	SSHS-B2033-SUB-2-4	7/27/2018	2-4	27	5800	<0.35U	3.9	48	0.23J	0.071J	37,000	-	8.6	-	5.1J	20	15,000	4500	370	<0.008U	42	510J	<0.54U	<0.11U	<0.22U	-	8.6	52
SSHS-B2033	SSHS-B2033-SUB-4-6	7/27/2018	4-6	7.5	6700	<0.36U	6.5	50	0.23J	0.1J	42,000	-	9.3	-	6	26	17,000	5700	390	<0.0072U	16	590	<0.54U	<0.11U	<0.22U	-	9.7	53
SSHS-B2033	SSHS-B2033-SUB-6-8	7/27/2018	6-8	8.5	5900	<0.41U	7.1	38	0.28J	0.11J	25,000	-	9.7	-	6.2	20	17,000	6300	380	<0.009U	16	810	<0.62U	<0.13U	<0.25U	-	13	50
SSHS-B2033	SSHS-B2033-SUB-8-10	7/27/2018	8-10	9.5	6600	<0.36U	5.4	64	0.25J	0.082J	50,000	-	10	-	5.6	21	16,000	5600	390	<0.0074U	15	770	0.54J	<0.11U	<0.22U	-	10	56
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	13	11,000	<0.41U,F1	6.6	100	0.54	0.11J	2500F1,F2	-	14	-	9.2	15	21,000	3100	540	0.022J	20	800	<0.62U	<0.13U	<0.25U	-	14	74
SSHS-B2034	SSHS-B2034-SUB-10-12	7/27/2018	10-12	14	5300	<0.36U	4.6	54	0.22J	0.12J	40,000	-	10	-	4.9J	24	13,000	7200	500	<0.008U	18	610	<0.55U	<0.11U	<0.22U	-	8.8	56
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	15	4900	<0.36U	4.1	49	0.2J	0.097J	54,000	-	9.2	-	5.3	28	12,000	7900	390	0.011J	20	600	<0.54U	<0.11U	<0.22U	-	8	46
SSHS-B2034	SSHS-B2034-SUB-2-4	7/27/2018	2-4	40	7100	<0.37U	7.1	80	0.31J	0.18J	26,000	-	18	-	6.6	42	20,000	6200	390	0.021J	36	670	0.62J	<0.11U	<0.23U	-	11	89
SSHS-B2034	SSHS-B2034-SUB-4-6	7/27/2018	4-6	69	7200	0.49J	6.4	92	0.33J	0.2J	33,000	-	15	-	6.5	43	18,000	5700	370	0.021J	40	750	<0.56U	<0.11U	<0.23U	-	12	81
SSHS-B2034	SSHS-B2034-SUB-6-8	7/27/2018	6-8	36	6400	<0.37U	9.5	85	0.29J	0.16J	23,000	-	22	-	7.9	53	27,000	6400	410	0.019J	48	630	<0.56U	<0.11U	<0.23U	-	11	74
SSHS-B2034	SSHS-B2034-SUB-8-10	7/27/2018	8-10	23	5300	<0.36U	5	53	0.21J	0.08J	43,000	-	10	-	4.7J	25	14,000	12,000	320	0.0086J	20	560	<0.55U	<0.11U	<0.22U	-	9	53
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	49	12,000	<0.39U	7.1^	100	0.55	<0.042U	2700	-	15	-	9.6	17	20,000B	3000	530	0.055	20	1200B	<0.59U	<0.12U	<0.24U	-	16	62
SSHS-B2050	SSHS-B2050-SUB-10-12	7/26/2018	10-12	17	7800	<0.39U	6^	78	0.33J	<0.042U	2300	-	9.9	-	6.7	20	16,000B	2200	470	0.044	15	780B	<0.59U	<0.12U	<0.24U	-	12	58
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	16	13,000	<0.42U	7.8^	110	0.6	<0.045U	2400	-	15	-	11	17	22,000B	3400	550	0.095	22	1200B	<0.63U	<0.13U	0.33J	-	18	61
SSHS-B2050	SSHS-B2050-SUB-2-4	7/26/2018	2-4	360	7400	0.62J	6.9^	79	0.34J	<0.041U	15,000	-	9.6	-	5.7	33	16,000B	4400	360	0.076	13	690B	<0.58U	<0.12U	<0.24U	-	14	58
SSHS-B2050	SSHS-B2050-SUB-4-6	7/26/2018	4-6	360	4800	2.1	9^	100	0.26J	<0.048U	34,000	-	10	-	8.4	140	58,000B	1400	590	0.34	14	720B	1.3	<0.14U	<0.28U	-	17	170
SSHS-B2050	SSHS-B2050-SUB-6-8	7/26/2018	6-8	150	11,000	1.9	17	150	0.64	<0.051U	3800	-	16	-	9.8	53	23,000B	2000	660	0.28	17	1000B	1.3J	<0.15U	0.75J	-	21	120
SSHS-B2050	SSHS-B2050-SUB-8-10	7/26/2018	8-10	55	8400	0.79J	9.7^	66	0.38J	<0.044U	2800	-	12	-	5.8J	26	18,000B	2000	380	0.099F1	13	780B	0.72J	<0.13U	0.28J	-	15	70
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	18	12,000	<0.49U	6.9	110	0.58	0.32J	2900	-	48	-	9.3	21	23,000	3500	530	0.026J	22	1200	<0.74U	<0.15U	<0.3U	-	16	70
SSHS-B2051	SSHS-B2051-SUB-10-12	7/27/2018	10-12	280	8800	6.7	7.1	96	0.42J	0.49J	15,000	-	12	-	7.3	95	23,000	2700	460	0.087	17	730	<0.57U	<0.12U	<0.23U	-	18	210
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	5.6	7400	<0.39U	4.6	47	0.28J	0.11J	1100	-	9.8	-	5.9	28	18,000	2500	650	<0.009U	15	580	<0.58U	<0.12U	<0.24U	-	11	66
SSHS-B2051	SSHS-B2051-SUB-2-4	7/27/2018	2-4	240	12,000	14	6.7	100	0.5J	0.15J	9300	-	15	-	7.7	54	21,000	3100	660	0.15	18	840	<0.66U	<0.14U	<0.27U	-	18	110
SSHS-B2051	SSHS-B2051-SUB-4-6	7/27/2018	4-6	1600	9300	130	16	180	0.47J	0.95	14,000	-	18	-	6.8	120	31,000	3100	450	0.57	110	850	<0.63U	<0.13U	<0.26U	-	20	510
SSHS-B2051	SSHS-B2051-SUB-6-8	7/27/2018	6-8	370	12,000	6	7	160	0.49J	1.1	4700	-	14	-	9.6	45	34,000	2400	1400	0.047	18	860	<0.72U	<0.15U	<0.29U	-	17	930
SSHS-B2051	SSHS-B2051-SUB-8-10	7/27/2018	8-10	16	13,000	<0.42U	7.2	110	0.6	0.16J	7500	-	22	-	11	24	25,000	6000	580	0.014J	25	1200	<0.63U	<0.13U	<0.26U	-	17	72
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	18	13,000	<0.39U	7.3	96	0.61	0.093J	2100	-	17	-	9.8	16	22,000	3200	480	0.027J	23	920	<0.59U	<0.12U	<0.24U	-	16	60
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	150	6400	15	8	140	0.4J	0.37J	15,000	-	18	-	7.1	510	31,000	2200	650	0.22	39	740	0.83J	0.14J	<0.25U	-	18	360
SSHS-B2052	SSHS-B2052-SUB-4-6	7/25/2018	4-6	400	6100	5	9.3	250F1	0.44J	0.32J	12,000F1	-	18	-	7.1	180	34,000	1700	650	0.26F1,F2	29	660	1.3	<0.13U	<0.25U	-	19	200F1
SSHS-B2052	SSHS-B2052-SUB-6-8	7/25/2018	6-8	110	9400	5.8	7	120	0.41J	0.21J	5700	-	15	-	7.5	160	33,000	2600	580	0.24	25	750	<0.6U	<0.12U	<0.24U	-	17	850
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	27	11,000	<0.4U	7	90	0.51	0.17J	5000	-	21	-	8.8	26	21,000	3000	470	0.099	21	960	<0.61U	<0.12U	<0.25U	-	14	64
SSHS-B2053	SSHS-B2053-SUB-10-12	7/25/2018	10-12	35	7200	<0.39U	7.8	58	0.36J	0.12J	24,000	-	10	-	6	45	21,000	2600	350	0.11	18	630	0.99J	<0.12U	<0.24U	-	13	68
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	32	5700	<0.37U	5.6	63	0.34J	0.095J	15,000	-	9.9	-	5.3J	44	21,000	2300	410	0.08	15	590	0.57J	<0.11U	<0.23U	-	12	60
SSHS-B2053	SSHS-B2053-SUB-2-4	7/25/2018	2-4	82	7500	<0.4U	10	120	0.55	0.19J	16,000	-	14	-	7.7	150	57,000	1800	260	0.37	29	1700	0.87J	<0.12U	<0.24U	-	16	130
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	190	7600	0.6J	13	120	0.59	0.27J	8800	-	29	-	11	170	56,000	2200	830	0.092	34	830	1.5	<0.12U	<0.24U	-	38	160
SSHS-B2053	SSHS-B2053-SUB-6-8	7/25/2018	6-8	41	7500	<0.41U	7.9	78	0.41J	0.1J	7800	-	11	-	6.4	57	23,000	2000	440	0.18	39	690	0.73J	<0.13U	<0.25U	-	15	75
SSHS-B2053	SSHS-B2053-SUB-8-10	7/25/2018	8-10	50	9800	0.5J	6.7	62	0.42J	0.1J	4000	-	14	-	7.8	49	27,000	2300	370	0.079	20	760	<0.59U	<0.12U	<0.24U	-	18	83
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	27	11,000	<0.43U	6.9	95	0.52	0.14J	2100	-	14	-	9.1	18	20,000	2800	530	0.18	20	920	<0.65U	<0.13U	<0.26U	-	14	59
SSHS-B2070	SSHS-B2070-SUB-10-12	7/25/2018	10-12	6.8	6000	<0.78U	5.1	37	0.22J	0.059J	63,000	-	9.3	-	5.5J	20	14,000	13,000	400	0.013J	13	670	<0.59U	<0.12U	<0.24U	-	9.4	46
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	8.9	5100	<0.36U	4.6	39	0.22J	0.063J	33,000	-	8.4	-	4.6J	19	13,000	14,000	490	0.012J	12	630	<0.54U	<0.11U	<0.22U	-	8.3	47
SSHS-B2070	SSHS-B2070-SUB-4-6	7/25/2018	4-6	23	6000	<0.38U	5.4	40	0.26J	0.077J	5800	-	11	-	5.6	20	15,000	2200	410	0.029J	14	560	<0.57U	<0.12U	<0.23U	-	9	49
SSHS-B2070	SSHS-B2070-SUB-6-8	7/25/2018	6-8	11	6800	<0.37U	5.2	33	0.25J	0.071J	21,000	-	8.9	-	6.1	26	16,000	7100	500	0.081	15	620	<0.56U	<0.11U	<0.23U	-	11	51
SSHS-B2070	SSHS-B2070-SUB-8-10	7/25/2018	8-10	14	4900	<0.37U	6.9	37	0.19J	0.043J	41,000	-	8.1	-	4.6J	16	12,000	8400	320	0.0094J	11	590	<0.56U	<0.11U	<0.23U	-	9.1	38
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	36	11,000B	<0.4U	7.7	100	0.47	0.18J	6700	-	19	-	8.9	48	26,000	3900	650	0.15	23	920	<0.61U	<0.12U	<0.25U	-	16	89
SSHS-B2071	SSHS-B2071-SUB-10-12	7/27/2018	10-12	7.9	6700B	<0.39U	4.2	58	0.27J	0.072J	950	-	9.4	-	5.7	34	17,000	2000	530	0.017J	28	570	<0.59U	<0.12U	<0.24U	-	11	51
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	13	7200B	<0.37U	5.2	59	0.31J	0.081J	2200	-	9.7	-	5.8	54	16,000	2400	560	<0.0078U	82	620	<0.56U	<0.11U	<0.23U	-	11	54
SSHS-B2071	SSHS-B2071-SUB-2-4	7/27/2018	2-4	28	5900B	0.52J	6.3	64	0.43J	0.092J	6400	-	9.8	-	4.7J	75	22,000	1300	160	0.023J	14	710	1.2	<0.12U	<0.24U	-	18	65
SSHS-B2071	SSHS-B2071-SUB-4-6	7/27/2018	4-6	870	8300B	240	11	73	0.47	0.89	2800	-	15	-	8.7	310	36,000	1900	450	0.091	19	750	0.61J	<0.12U	<0.24U	-	20	540
SSHS-B2071	SSHS-B2071-SUB-6-8	7/27/2018	6-8	14	11,000	1.1J,F1	4.6	86	0.42J	0.046J	1400	-	13	-	6.2	13	17,000	2200	450	0.021J	14	670	<0.6U	<0.12U	<0.24U	-	16	49
SSHS-B2071	SSHS-B2071-SUB-8-10	7/27/2018	8-10	150	11,000	5.6	6.1	85	0.46J	0.094J	1800	-	16	-	7.1	25	20,000	2500	520	0.048	17	760	<0.62U	<0.13U	<0.25U	-	17	76
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	36F1	8500	<0.41U,F1	6.4	110	0.4J	0.11J	7500F1	-	12	-	7.7	37F1	18,000	3000	460	0.22F1,F2	20	810	<0.62U	<0.13U	<0.25U	-	13	96F1
SSHS-B2072	SSHS-B2072-SUB-10-12	7/25/2018	10-12	46	7500	0.69J	7.4	57	0.29J	0.095J	790	-	11	-	5.6	240	21,000	2000	530	0.08	110	620	<0.56U	<0.11U	<0.23U	-	13	700
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	52	6200	<0.39U	5.7	35	0.25J	0.059J	750	-	14	-	4.7J	210	16,000	1800	270	0.03J	100	580	<0.59U	<0.12U	<0.24U	-	9.9	480
SSHS-B2072	SSHS-B2072-SUB-2-4	7/25/2018	2-4	62	7500	<0.39U	8.3	110	0.43J	0.13J	15,000	-	14	-	6.8	140	27,000	2700	350	0.27	47	700	<0.6U	<0.12U	<0.24U	-	14	180
SSHS-B2072	SSHS-B2072-SUB-4-6	7/25/2018	4-6	260	6100	27	7.8	45	0.28J	0.48J	4400	-	14	-	5.6J	720	28,000	1400	270	0.39	200	750	<0.65U	0.54J	<0.27U	-	15	8800
SSHS-B2072	SSHS-B2072-SUB-6-8	7/25/2018	6-8	3300	7500F2	20F1	11	74	0.41J	0.3J	1600	-	19F1	-	11	1200	78,000	1200	680F2	0.33F1,F2	130F2,F1	740	1.3	0.25J	<0.26U	-	35F1	1000
SSHS-B2072	SSHS-B2072-SUB-8-10	7/25/2018	8-10	26	11,000	<0.41U	6	140	0.45J	0.14J	1400	-	13	-	7.5	170	20,000	2200	1100	0.13	110	670	<0.62U	<0.13U	<0.25U	-	16	560

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	150	9400	0.45J	8.6	120	0.48	<0.043U	5000	-	15	-	7.8	36	21,000	3000	490	0.23	19	820B	<0.61U	0.17J	0.35J	-	18	96
SSHS-B2073	SSHS-B2073-SUB-10-12	7/25/2018	10-12	21	11,000	<0.41U	7.6	65	0.41J	<0.044U	1500	-	20	-	9.2	72	23,000	2800	520	0.035J	62	990B	<0.63U	0.13J	0.36J	-	19	100
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	27	9600	<0.41U	7.5	74	0.35J	<0.044U	1500	-	18	-	8.2	130	25,000	2600	330	0.034J	97	860B	<0.62U	<0.13U	0.32J	-	18	140
SSHS-B2073	SSHS-B2073-SUB-2-4	7/25/2018	2-4	240	5800	9.6	10	130	0.45J	<0.042U	7800	-	27	-	9.4	310	49,000	1900	650	0.17	53	660B	1.1J	0.23J	<0.24U	-	25	220
SSHS-B2073	SSHS-B2073-SUB-4-6	7/25/2018	4-6	360	6700	9.8	11	600	0.54	1.3	8200	-	58	-	9	470	45,000	2400	530	0.31	320	670B	<0.6U	1.2	0.3J	-	20	1000
SSHS-B2073	SSHS-B2073-SUB-6-8	7/25/2018	6-8	180	3500	2.3	8.1	170	0.22J	<0.044U	2500	-	53	-	5.2J	980	39,000	820	250	0.23	350	460J,B	1.1J	0.9	0.44J	-	17	560
SSHS-B2073	SSHS-B2073-SUB-8-10	7/25/2018	8-10	99	7000	2.3	7.5	160	0.33J	<0.041U	2800	-	42	-	7	290	37,000	1700	450	0.073	140	730B	<0.58U	0.64	0.36J	-	16	310
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	15	13,000	<0.44U,F1	7.3	110	0.61	0.061J	2400F2,F1	-	15	-	10	16F1	23,000	3600F2,F1	520F2	0.96F2	23	910	<0.67U	<0.14U	<0.27U	-	16	58
SSHS-B2089	SSHS-B2089-SUB-10-12	7/25/2018	10-12	4.7	4300	<1.9U	4.4	38	0.19J	<0.04U	140,000	-	6.8	-	4.2J	16	11,000	6500	310	<0.0078U	11	630	<0.57U	<0.12U	<0.23U	-	7	31
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	12	9900	<0.41U	8.6	88	0.45J	0.085J	8000	-	13	-	8.4	25	22,000	4900	520	0.022J	21	920	<0.61U	<0.13U	<0.25U	-	15	62
SSHS-B2089	SSHS-B2089-SUB-2-4	7/25/2018	2-4	38	7700	<0.41U	6.5	57	0.37J	0.081J	26,000	-	11	-	6.7	27	18,000	3400	410	0.089	16	680	<0.62U	<0.13U	<0.25U	-	13	89
SSHS-B2089	SSHS-B2089-SUB-4-6	7/25/2018	4-6	12	7400	<0.39U	6.4	53	0.35J	0.15J	3700	-	10	-	7.2	23	17,000	2100	950	0.02J	17	690	<0.59U	<0.12U	<0.24U	-	12	55
SSHS-B2089	SSHS-B2089-SUB-6-8	7/25/2018	6-8	22	10,000	<0.38U	8.8	67	0.46	0.11J	3300	-	12	-	9.3	25	21,000	3000	780	<0.008U	20	940	<0.57U	<0.12U	<0.23U	-	16	87
SSHS-B2089	SSHS-B2089-SUB-8-10	7/25/2018	8-10	6.3	4500	<0.73U	3.4	31	0.19J	0.039J	76,000	-	6.3	-	4.5J	15	11,000	9500	440	<0.0082U	11	570	<0.55U	<0.11U	<0.23U	-	6.4	36
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	170	6700B	<0.41U	6.6	98	0.32J	0.18J	15,000	-	16	-	5.3J	63	23,000	2600	290	0.27	55	670	<0.62U	<0.13U	<0.25U	-	16	97
SSHS-B2090	SSHS-B2090-SUB-10-12	7/27/2018	10-12	12	5600B	<0.37U	5.5	55	0.25J	0.17J	12,000	-	8.8	-	7.6	110	15,000	3700	850	<0.0084U	550	570	<0.56U	<0.12U	<0.23U	-	8.7	230
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	40	7400	<0.39U	4.2	28	0.26J	0.08J	10,000	-	30	-	6.2	200	19,000	5700	450	<0.0094U	180	690	<0.6U	<0.12U	<0.24U	-	13	110
SSHS-B2090	SSHS-B2090-SUB-2-4	7/27/2018	2-4	97	5800B	2.5J	20	53	0.32J	0.62	11,000	-	39	-	7.9	530	150,000	1800	750	0.028J	630	530J	1.1J	0.19J	<0.26U	-	11J	330
SSHS-B2090	SSHS-B2090-SUB-4-6	7/27/2018	4-6	28	11,000B	<0.4U	7.5	39	0.37J	0.065J	1800	-	16	-	7	85	28,000	2800	260	0.025J	160	800	<0.6U	<0.12U	<0.24U	-	18	77
SSHS-B2090	SSHS-B2090-SUB-6.8	7/27/2018	6-8	41	8400B	<0.41U	6.8	51	0.28J	0.079J	21,000	-	19	-	5.3J	270	28,000	3000	270	0.032J	200	790	<0.62U	<0.13U	<0.25U	-	14	90
SSHS-B2090	SSHS-B2090-SUB-8-10	7/27/2018	8-10	24	6800B	<0.38U	7.1	23	0.24J	0.052J	2300	-	20	-	3.8J	120	19,000	1900	150	<0.0084U	110	810	<0.58U	<0.12U	<0.23U	-	14	50
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	140	8000	0.42J	9	480	0.47	0.35J	15,000	-	31	-	10	220	24,000	3300	480	1	1900	760	0.67J	<0.12U	<0.25U	-	16	650
SSHS-B2091	SSHS-B2091-SUB-10-12	7/25/2018	10-12	53	6600	<0.39U	5.5	42	0.44J	0.18J	17,000	-	17	-	5.3J	570	14,000	5600	260	0.027J	550	500J	<0.59U	<0.12U	<0.24U	-	8.4	720
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	35	6900	<0.4U	5.7	56	0.33J	0.15J	13,000	-	16	-	7.1	670	17,000	5100	380	0.042	660	530J	<0.6U	<0.12U	<0.24U	-	10	590
SSHS-B2091	SSHS-B2091-SUB-4-6	7/25/2018	4-6	29	10,000	<0.39U	8.6	55	0.48	0.18J	1300	-	13	-	8.2	220	23,000	2600	430	0.021J	260	840	<0.59U	<0.12U	<0.24U	-	17	200
SSHS-B2091	SSHS-B2091-SUB-6-8	7/25/2018	6-8	70	8200	0.57J	7.9	75	0.36J	0.2J	1800	-	24	-	7.2	440	23,000	2600	280	0.049	450	720	<0.65U	<0.13U	<0.26U	-	15	1000
SSHS-B2091	SSHS-B2091-SUB-8-10	7/25/2018	8-10	63	8900	<0.4U	9.5	52	0.44J	0.21J	6600	-	30	-	6.8	280	21,000	4100	280	0.027J	380	620	<0.6U	<0.12U	<0.25U	-	13	860
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	15	11,000	<0.38U	6.9	110	0.59	<0.041U	2700	-	14	-	10	20	20,000	3000	600	0.59	21	1300B	<0.58U	<0.12U	0.23J	-	15	62
SSHS-B2092	SSHS-B2092-SUB-2-4	7/25/2018	2-4	49	10,000	<0.41U	6.5	90	0.42J	<0.044U	9200	-	21	-	8	230	21,000	4000	440	0.12	58	680B	<0.62U	0.13J	0.44J	-	18	190
SSHS-B21	B23448	5/9/2000	1-4	176N*	-	-	13.7N*	130	<0.57U	1.1	-	-	<20.8U	-	-	90.2N*	-	-	-	0.19N	87.8N	-	0.94	<1.1U	-	-	-	128N
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	63	9100	<0.43U	6.9	110	0.47J	0.21J	18,000	-	14	-	7.3	40	19,000	4100	440	0.84	71	900	<0.64U	<0.13U	<0.26U	-	15	96
SSHS-B2108	SSHS-B2108-SUB-10-12	7/25/2018	10-12	7.8	6600	<0.75U	6.5	42J	0.24J	0.57J	57,000	-	8.3	-	5.8	21	13,000	4900	330	0.026J	15	910J	<1.1U	<0.23U	<0.23U	-	9.5J	57
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	11	6500	<0.37U	4.3	45	0.23J	0.096J	30,000	-	8.5	-	6.2	20	14,000	4800	470	0.012J	15	590	<0.56U	<0.11U	<0.23U	-	9.5	57
SSHS-B2108	SSHS-B2108-SUB-2-4	7/25/2018	2-4	56	12,000	<0.39U	7.1	110	0.47	0.16J	24,000	-	15	-	7.5	31	20,000	3900	530	0.25	22	1000	<0.59U	<0.12U	<0.24U	-	18	90
SSHS-B2108	SSHS-B2108-SUB-4-6	7/25/2018	4-6	13	9400	<0.37U	8.9	60	0.43J	0.1J	2900	-	11	-	10	28	20,000	2600	780	0.026J	21	930	<0.57U	<0.12U	<0.23U	-	17	57
SSHS-B2108	SSHS-B2108-SUB-6-8	7/25/2018	6-8	14	9100	<0.39U	6.1	76	0.36J	0.089J	12,000	-	11	-	6.8	22	19,000	2700	590	0.089	18	840	<0.59U	<0.12U	<0.24U	-	12	60
SSHS-B2108	SSHS-B2108-SUB-8-10	7/25/2018	8-10	12	5500	<0.37U	4	36	0.22J	0.058J	4200	-	7	-	4.7J	18	13,000	2600	320	0.039	11	610	<0.57U	<0.12U	<0.23U	-	8.1	51
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	270	9700	16	8.9	140	0.49	0.58J	16,000	-	18	-	9.2	170	26,000	2900	630	0.23	40	880	<0.62U	<0.13U	<0.25U	-	17	420
SSHS-B2109	SSHS-B2109-SUB-10-12	7/25/2018	10-12	69	7500	0.67J	13	53	0.35J	0.092J	5100	-	13	-	6.7	310	20,000	2600	350	<0.0079U	170	670	<0.57U	<0.12U	<0.23U	-	12	180
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	33	5300	<0.38U	5.3	40	0.22J	0.065J	1600	-	8.8	-	4.6J	170	14,000	1800	430	0.023J	110	510J	<0.58U	<0.12U	<0.23U	-	8.4	130
SSHS-B2109	SSHS-B2109-SUB-2-4	7/25/2018	2-4	11F1,F2	13,000	<0.4U	6	59	0.48	<0.043U	1300F1	-	14	-	8.6	17F1	21,000	3100	240	0.18	18F1,F2	860	<0.61U	<0.12U	<0.25U	-	18	56F1
SSHS-B2109	SSHS-B2109-SUB-4-6	7/25/2018	4-6	520	10,000	190	8.8	130	0.44J	0.45J	11,000	-	12	-	8.3	370	29,000	2800	590	0.055	19	630	0.98J	<0.12U	<0.25U	-	16	200
SSHS-B2109	SSHS-B2109-SUB-6-8	7/25/2018	6-8	20	7500	<0.37U	6.7	43	0.31J	0.048J	1100	-	12	-	6.5	240	18,000	2300	310	0.018J	130	630	<0.57U	<0.12U	<0.23U	-	11	120
SSHS-B2109	SSHS-B2109-SUB-8-10	7/25/2018	8-10	38	5400	1.9	4.5	43	0.25J	0.12J	1200	-	8.8	-	4.8J	100	13,000	1400	260	0.14	49	520J	<0.59U	<0.12U	<0.24U	-	9	120
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	130	6800	6	9	330	0.44J	0.36J	2500	-	16	-	8	190	29,000	2200	350	0.11	2200	510J	<0.6U	7	<0.24U	-	14	370
SSHS-B2110	SSHS-B2110-SUB-10-12	7/25/2018	10-12	160	7300	2.5	16	68	0.43J	0.18J	2700	-	35	-	9.4	790	45,000	1800	500	0.088	980	590	1.3	0.29J	0.3J	-	18	270
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	11	8900	<0.38U	7	60	0.41J	0.61	23,000	-	11	-	8.8	68	20,000	6100	600	<0.0083U	970	1200	<0.58U	<0.12U	<0.23U	-	13	290
SSHS-B2110	SSHS-B2110-SUB-2-4	7/25/2018	2-4	120	5800	4.7	36	110	0.4J	0.15J	1900	-	51	-	8.4	220	76,000	1400	370	0.17	1200	500J	3.4	0.3J	0.49J	-	29	270
SSHS-B2110	SSHS-B2110-SUB-4-6	7/25/2018	4-6	210	9100	4.9	36	89	0.87	1.2	1300	-	33	-	11	520	44,000	1900	250	0.5	2200	670	3	0.29J	0.75J	-	25	950
SSHS-B2110	SSHS-B2110-SUB-6-8	7/25/2018	6-8	120F2,F1	6000	3.4	19	60	0.38J	0.19J	950	-	32F1	-	7.1	720F2	49,000	1400	400	0.04	770	580	1.9	0.46J	0.31J	-	19	220F2,F1
SSHS-B2110	SSHS-B2110-SUB-8-10	7/25/2018	8-10	64	7100	1.1J	12	71	0.36J	0.28J	1300	-	20	-	6.9	200	25,000	2000	310	0.16	560	760	1J	<0.13U	<0.25U	-	15	220
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	15	10,000	<0.42U	6.5	99	0.51	0.14J	2700	-	14	-	9	25	20,000	3100	560	0.62	22	750	<0.63U	<0.13U	<0.26U	-	13	69
SSHS-B2127	SSHS-B2127-SUB-10-12	7/25/2018	10-12	5.8	6200	<0.36U	4.9	56	0.22J	0.039J	23,000	-	8.9	-	5.3	19	15,000	4500	460	<0.008U	13	510J	<0.54U	<0.11U	<0.22U	-	8.8	44
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	11	5400	<0.36U	5	46	0.19J	0.061J	28,000	-	7.1	-	4.7J	20	13,000	7400	510	0.0082J	12	550	<0.55U	<0.11U	<0.22U	-	8.7	47
SSHS-B2127	SSHS-B2127-SUB-2-4	7/25/2018	2-4	40	7400	0.48J	6.5	97	0.37J	0.14J	21,000	-	21	-	6.4	39	17,000	3300	380	0.53	18	640	<0.56U	13	<0.23U	-	15	73
SSHS-B2127	SSHS-B2127-SUB-4-6	7/25/2018	4-6	35	9100	<0.39U	6.2	64	0.39J	0.071J	15,000	-	12	-	7.1	22	17,000	2500	510	0.082	16	700	<0.59U	0.21J	<0.24U	-	14	58
SSHS-B2127	SSHS-B2127-SUB-6-8	7/25/2018	6-8	10	6800	<0.4U	7.3	40	0.3J	0.06J	2400	-	9.4	-	5.9	19	16,000	1800	410	0.043	13	750	<0.61U	<0.12U	<0.25U	-	12	49
SSHS-B2127	SSHS-B2127-SUB-8-10	7/25/2018	8-10	15	6300	<0.39U	5.2	39	0.26J	0.067J	16,000	-	8.9	-	5.9	15	15,000	3300	430	0.01J	13	670	<0.59U	<0.12U	<0.24U	-	11	48
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	45	9100	<0.41U	7.6	110	0.44J	0.15J	18,000	-	15	-	7.7	32	20,000	3200	450	0.55	25	720	<0.62U	<0.13U	<0.25U	-	14	89
SSHS-B2128	SSHS-B2128-SUB-10-12	7/25/2018	10-12	12	7900	<0.4U	25	62	0.4J	0.25J	19,000	-	12	-	9.5	26	22,000	4700	1500	0.018J	21	850	<0.6U	<0.12U	<0.24U	-	13	86
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	12	7700	<0.38U	5.8	98	0.29J	0.079J	53,000	-	12	-	6.6	24	17,000	8600	540	0.036J	17	750	0.92J	<0.12U	<0.23U	-	12	60

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2128	SSHS-B2128-SUB-2-4	7/25/2018	2-4	69	7600	0.53J	8.2	120	0.49	0.12J	34,000	-	9.2	-	5.1J	52	14,000	2400	500	0.11	14	770	1.2	<0.12U	<0.24U	-	14	68
SSHS-B2128	SSHS-B2128-SUB-4-6	7/25/2018	4-6	31	9800	1.5	8	77	0.46	0.1J	6200	-	20	-	7.3	34	20,000	2800	360	0.093	19	800	<0.58U	<0.12U	<0.24U	-	17	69
SSHS-B2128	SSHS-B2128-SUB-6-8	7/25/2018	6-8	9.6	7100	<0.38U	6.5	48	0.31J	0.062J	980	-	9.5	-	6.8	26	17,000	2000	820	0.021J	17	670	<0.57U	<0.12U	<0.23U	-	11	51
SSHS-B2128	SSHS-B2128-SUB-8-10	7/25/2018	8-10	7.7	6500	<0.35U	5.4	49	0.24J	0.061J	32,000	-	8.9	-	6.7	18	15,000	13,000	610	0.01J	15	660	<0.54U	<0.11U	<0.22U	-	10	55
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	120	13,000	33	10	110	0.6	0.16J	8800	-	17	-	11	190	30,000	3500	470	0.35	27	1100	<0.61U	<0.12U	<0.25U	-	20	93
SSHS-B2129	SSHS-B2129-SUB-10-12	7/25/2018	10-12	32	5800	<0.37U	4.2	56	0.25J	0.057J	26,000	-	8.9	-	5.2J	24	15,000	7400	360	0.019J	12	590	<0.56U	<0.11U	<0.23U	-	9.6	69
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	62	7000	2.6	4.8	58	0.29J	0.083J	11,000	-	15	-	6.4	37	17,000	6500	340	0.04	16	630	<0.6U	<0.12U	<0.24U	-	10	80
SSHS-B2129	SSHS-B2129-SUB-2-4	7/25/2018	2-4	57	13,000	0.75J	8.1	60	0.58	0.064J	7700	-	17	-	12	35	29,000	5600	400	0.19	29	860	0.62J	<0.12U	<0.24U	-	16	89
SSHS-B2129	SSHS-B2129-SUB-4-6	7/25/2018	4-6	9.7F1	8400	<0.37U	4.2	28	0.35J	<0.04U	1900	-	11	-	7.9	15F1	18,000F2	3300	350	0.046	18	630	<0.57U	<0.12U	<0.23U	-	10	49
SSHS-B2129	SSHS-B2129-SUB-6-8	7/25/2018	6-8	15	8900	<0.38U	5.5	43	0.36J	0.051J	1800	-	12	-	8.1	34	20,000	2900	440	0.05	20	690	<0.58U	<0.12U	<0.24U	-	12	56
SSHS-B2129	SSHS-B2129-SUB-8-10	7/25/2018	8-10	35	7300	0.52J	6.1	68	0.29J	0.066J	15,000	-	9.9	-	6.4	120	18,000	3200	370	<0.0082U	17	620	<0.56U	<0.11U	<0.23U	-	13	64
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	36	7500	<0.39U	6.2	77	0.35J	0.11J	9900	-	10	-	6.3	34	16,000	2500	510	0.12	40	610	<0.59U	<0.12U	<0.24U	-	11	76
SSHS-B2143	SSHS-B2143-SUB-10-12	7/25/2018	10-12	12	5600	<0.37U	4.7	39	0.21J	0.058J	37,000	-	15	-	5.1J	19	14,000	10,000	370	<0.0081U	13	520J	<0.56U	<0.12U	<0.23U	-	9.1	48
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	6.8	4900	<0.36U	5.1	34	0.18J	0.042J	40,000	-	8.3	-	4.7J	17	12,000	14,000	420	0.026J	12	590	<0.54U	<0.11U	<0.22U	-	7.8	40
SSHS-B2143	SSHS-B2143-SUB-2-4	7/25/2018	2-4	53	6400	<0.4U	7	87	0.34J	0.086J	9200	-	12	-	6.5	46	31,000	2100	430	0.15	19	640	1.4	<0.12U	<0.24U	-	16	62
SSHS-B2143	SSHS-B2143-SUB-4-6	7/25/2018	4-6	27	5900	<0.39U	6	72	0.3J	0.081J	5900	-	8.6	-	5.6J	26	17,000	1900	470	0.069	14	610	<0.6U	<0.12U	<0.24U	-	11	58
SSHS-B2143	SSHS-B2143-SUB-6-8	7/25/2018	6-8	20	6800	<0.38U	6.6	68	0.34J	0.11J	2000	-	10	-	5.9	37	21,000	2100	660	0.019J	16	620	<0.57U	<0.12U	<0.23U	-	11	59
SSHS-B2143	SSHS-B2143-SUB-8-10	7/25/2018	8-10	7.5	6000	<0.39U	5.2	36	0.25J	0.066J	4700	-	9.4	-	5.1J	22	15,000	3200	420	0.0094J	13	620	<0.59U	<0.12U	<0.24U	-	11	49
SSHS-B2185	SSHS-B2185-SUB-10-12	7/24/2018	10-12	120	8300	0.82J	7.5	92	0.45J	0.94	16,000	-	34	-	5.9	120	20,000	3800	330	0.13	140	640	0.88J	<0.12U	<0.24U	-	16	820
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	51	6800	<0.38U	5.8	48	0.27J	0.9	62,000	-	15	-	5.8	88	15,000	6700	330	0.13	150	650	<0.58U	<0.12U	<0.24U	-	11	460
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	14	5000	<0.37U	3.4	54	0.23J	0.087J	34,000	-	8.9	-	4J	22	10,000	4600	290	0.12	16	550	<0.56U	<0.11U	<0.23U	-	12	52
SSHS-B2185	SSHS-B2185-SUB-4-6	7/24/2018	4-6	38	9100	<0.38U	5.6	97	0.43J	0.14J	50,000	-	13	-	6.6	36	17,000	4000	350	0.059	31	720	0.67J	<0.12U	<0.23U	-	19	91
SSHS-B2185	SSHS-B2185-SUB-6-8	7/24/2018	6-8	89	8600	2.2	7.4	230	0.5	0.25J	28,000	-	15	-	6.9	81	21,000	3500	620	0.11	170	870	0.71J	0.22J	<0.26U	-	20	190
SSHS-B2185	SSHS-B2185-SUB-8-10	7/24/2018	8-10	43	6800	<0.39U	5.8	98	0.35J	0.23J	25,000	-	11	-	4.8J	41	15,000	4100	340	0.071	49	730	<0.59U	<0.12U	<0.24U	-	13	240
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	120	7700	0.65J	9	120	0.4J	0.24J	9600	-	34	-	8.4	300	30,000	3000	530	0.08	110	610	0.82J	<0.12U	<0.23U	-	17	140
SSHS-B2186	SSHS-B2186-SUB-10-12	7/24/2018	10-12	23	7300	<0.39U	6.9	63	0.33J	0.13J	12,000	-	13	-	7.5	49	20,000	5500	680	<0.0082U	28	700	<0.59U	<0.12U	<0.24U	-	12	87
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	46	6200	<0.41U	8.1	78	0.36J	0.17J	5300	-	17	-	6.9	100	23,000	2100	360	0.074	63	550J	<0.62U	<0.13U	<0.25U	-	13	95
SSHS-B2186	SSHS-B2186-SUB-4-6	7/24/2018	4-6	30	6700	<0.37U	5.7	49	0.3J	0.073J	2400	-	17	-	7.5	54	22,000	2700	330	0.03J	41	530J	0.65J	<0.12U	<0.23U	-	11	63
SSHS-B2186	SSHS-B2186-SUB-6-8	7/24/2018	6-8	13	5800	<0.37U	4.4	42	0.26J	0.095J	7200	-	10	-	6.3	43	17,000	2800	460	0.039	21	630	<0.56U	<0.11U	<0.23U	-	10	67
SSHS-B2186	SSHS-B2186-SUB-8-10	7/24/2018	8-10	22	5200	<0.37U	6.7	41	0.24J	0.08J	31,000	-	8.4	-	5.8	35	16,000	17,000	670	0.012J	19	620	<0.56U	<0.12U	<0.23U	-	9.3	57
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	35	9200	<0.37U	7.4^	73	0.4J	0.17J	22,000	-	14	-	8	51	25,000	5100	490	0.051	39	780	0.74J	<0.11U	<0.23U	-	15	100
SSHS-B2187	SSHS-B2187-SUB-10-12	7/24/2018	10-12	10	6400	<0.36U	7^	51	0.23J	0.058J	51,000	-	9.9	-	5.9	24	15,000	15,000	430	0.021J	15	730	<0.54U	<0.11U	<0.22U	-	9.8	66
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	8.7	6300	<0.39U	6.3	76	0.23J	0.074J	34,000	-	9	-	5.8	21	16,000	11,000	450	<0.0078U	14	670	<0.59U	<0.12U	<0.24U	-	9.2	63
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	80	8400	<0.39U	10^	81	0.39J	0.17J	25,000	-	13	-	7.6	55	20,000	3800	430	0.18	24	770	<0.59U	<0.12U	<0.24U	-	14	120
SSHS-B2187	SSHS-B2187-SUB-4-6	7/24/2018	4-6	18	8700	<0.39U	12^	90	0.53	0.13J	1900	-	12	-	8.1	47	24,000	2400	890	0.18	21	820	<0.58U	<0.12U	<0.24U	-	17	81
SSHS-B2187	SSHS-B2187-SUB-6-8	7/24/2018	6-8	26F1,F2	5400	<0.38U	8.4	42	0.28J	0.11J	23,000F2	-	8.3	-	4.9J	22	16,000	13,000F1	740	0.038	14	810	<0.57U	<0.12U	<0.23U	-	12	46
SSHS-B2187	SSHS-B2187-SUB-8-10	7/24/2018	8-10	13	5600	<0.38U	6.4^	37	0.23J	0.085J	39,000	-	7.6	-	6.4	21	13,000	17,000	500	<0.0079U	13	750	0.68J	<0.12U	<0.24U	-	14	39
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	520	8800	<0.39U	6.1	110	0.35J	0.16J	19,000	-	15	-	7.1	63	20,000	4600	410	0.051	31	680	<0.59U	<0.12U	<0.24U	-	14	130
SSHS-B2188	SSHS-B2188-SUB-10-12	7/24/2018	10-12	29	6400	<0.77U	3.7	58	0.24J	0.12J	170,000	-	9.7	-	4.2J	26	12,000	9700	450	0.1	17	730	0.97J	<0.12U	<0.47U	-	10	82
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	9.7	8200	<0.72U	3.5	56	0.29J	0.07J	90,000	-	11	-	5.1J	22	14,000	10,000	330	<0.0078U	16	810	0.75J	<0.11U	<0.22U	-	9.5	55
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	250	5700	0.75J	6.5	240	0.29J	0.33J	11,000	-	25	-	4.9J	220	20,000	2400	330	0.12	72	560J	<0.6U	<0.12U	<0.24U	-	13	230
SSHS-B2188	SSHS-B2188-SUB-4-6	7/24/2018	4-6	320	6700	0.81J	7	360	0.45J	0.37J	20,000	-	28	-	6.6	110	24,000	3100	420	0.14	61	640	0.64J	<0.12U	<0.25U	-	16	400
SSHS-B2188	SSHS-B2188-SUB-6-8	7/24/2018	6-8	480	5400	0.66J	8.8	350	0.37J	0.28J	14,000	-	26	-	6.8	120	27,000	2900	410	0.15	58	550J	1.1J	<0.13U	<0.26U	-	17	330
SSHS-B2188	SSHS-B2188-SUB-8-10	7/24/2018	8-10	21	5500	<0.37U	4.1	50	0.21J	0.084J	46,000	-	11	-	4.6J	24	14,000	9000	360	0.028J	15	700	<0.56U	<0.11U	<0.23U	-	8.8	59
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	25	6100B	<0.36U	15^	63	0.3J	0.089J	49,000	-	8.9	-	5.4	26	15,000	19,000	400	0.059	18	620	0.79J	<0.11U	<0.22U	-	17	58
SSHS-B2189	SSHS-B2189-SUB-10-12	7/24/2018	10-12	18	7200B	<0.35U	5^	53	0.28J	0.11J	38,000	-	12	-	6.7	34	18,000	8700	530	0.044	19	650	<0.53U	<0.11U	<0.22U	-	12	65
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	30	8200B	<0.37U	7^	75	0.3J	0.14J	20,000	-	15	-	7.8	40	29,000	4800	550	0.021J	26	760	<0.55U	<0.11U	<0.23U	-	14	94
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	56	8000B	<0.37U	6.5^	71	0.34J	0.11J	12,000	-	14	-	6.5	61	20,000	3100	420	0.043	32	690	<0.56U	<0.11U	<0.23U	-	13	81
SSHS-B2189	SSHS-B2189-SUB-4-6	7/24/2018	4-6	99	8900B	<0.39U	10^	170	0.43J	0.32J	20,000	-	21	-	8.4	130	37,000	3400	570	0.12	50	800	0.97J	<0.12U	<0.24U	-	23	170
SSHS-B2189	SSHS-B2189-SUB-6-8	7/24/2018	6-8	260	8300B	0.42J	12^	170	0.5	0.43J	16,000	-	25	-	10	560	41,000	2900	480	0.15	110	720	1.1	<0.12U	<0.23U	-	19	230
SSHS-B2189	SSHS-B2189-SUB-8-10	7/24/2018	8-10	83	8200B	0.76J	7.5^	80	0.49	0.31J	20,000	-	19	-	7.9	79	30,000	2900	600	0.098	67	760	0.61J	<0.12U	<0.23U	-	17	160
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	16	7900	<0.35U	5.3	84	0.32J	0.14J	65,000	-	11	-	6.8	31	17,000	7000	450	0.019J	21	740	<0.53U	<0.11U	<0.21U	-	24	62
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	44	9600	<0.37U	6.2	96	0.38J	0.14J	12,000	-	13	-	7.7	41	21,000	3400	590	0.024J	28	800	<0.56U	<0.11U	<0.23U	-	15	81
SSHS-B2190	SSHS-B2190-SUB-4-6	7/27/2018	4-6	150	8300	<0.37U	5.6	210	0.35J	0.22J	27,000	-	15	-	6.3	120	23,000	3300	460	0.028J	57	740	0.58J	<0.12U	<0.23U	-	16	120
SSHS-B2190	SSHS-B2190-SUB-6-8	7/27/2018	6-8	160F1	6700	3.3	10	230	0.26J	<0.082U,F1,F2	94,000	-	37B,F1,F2	-	8.3	260F2	88,000	3100	700	0.034J	21	820B	0.94J	0.21J	<0.47U	-	20F1,F2	190F1,F2
SSHS-B2190	SSHS-B2190-SUB-8-10	7/27/2018	8-10	120	8500	1.1	6.2	140	0.33J	<0.039U	39,000	-	27B	-	7.7	110	38,000^	4600	560	0.031J	28	800B	0.69J	0.18J	<0.22U	-	18	160
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	18	5900B	<0.36U	3.9^	44	0.24J	0.11J	46,000	-	8.4	-	4.7J	22	22,000	4800	400	0.027J	17	540	0.62J	<0.11U	<0.22U	-	27	62
SSHS-B2191	SSHS-B2191-SUB-10-12	7/24/2018	10-12	67	7500B	<0.4U	6.8^	92	0.33J	0.15J	24,000	-	21	-	6.5	51	23,000	5100	540	0.017J	32	770	0.69J	<0.12U	<0.25U	-	13	87
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	16	6000B	<0.38U	7.6^	54	0.29J	0.11J	10,000	-	9.6	-	6	21	16,000	3100	470	<0.0079U	16	690	<0.58U	<0.12U	<0.24U	-	9.4	68
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	82	8100B	<0.4U	7^	110	0.37J	0.16J	8500	-	15	-	7.4	51	22,000	3300	580	0.05	37	690	<0.6U	<0.12U	<0.24U	-	13	94
SSHS-B2191	SSHS-B2191-SUB-4-6	7/24/2018	4-6	85	8400B	<0.38U	6.1^	150	0.39J	0.11J	5000	-	13	-	5.7	93	20,000	2200	560	0.04	44	600	0.61J	<0.12U	<0.24U	-	13	77

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																							
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																									
SSHS-B2191	SSHS-B2191-SUB-6-8	7/24/2018	6-8	62	8200B	<0.37U	6.2^	120	0.37J	0.15J	37,000	-	12	-	6.1	45	19,000	3700	640	0.03J	32	800	<0.56U	<0.12U	<0.23U	-	11	100
SSHS-B2191	SSHS-B2191-SUB-8-10	7/24/2018	8-10	86	7700B	<0.39U	5.7^	130	0.33J	0.22J	58,000	-	14	-	6.1	120	18,000	5100	460	0.025J	40	920	0.8J	<0.12U	<0.24U	-	11	160
SSHS-B2192	SSHS-B2192-SUB-10-12	7/26/2018	10-12	4.7	3400	<0.39U	3^	25	0.15J	<0.041U	54,000F2	-	4.8	-	3.2J	52F1	8400B,F2	2200F1	230F2	<0.0077U	7.4	490J,B	<0.59U	<0.12U	<0.24U	-	6.3	30F1
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	17	6500	<0.39U	5.4^	48	0.3J	<0.041U	9300	-	9.2	-	6.4	69	18,000B	3500	420	0.015J	15	580B	<0.59U	<0.12U	<0.24U	-	10	59
SSHS-B2192	SSHS-B2192-SUB-4-6	7/26/2018	4-6	24	5800	0.48J	5.5	68	0.44J	0.12J	2100	-	17	-	6.2	23	30,000	1400	860	0.064	16	490J	<0.58U	<0.12U	<0.23U	-	26	62
SSHS-B2192	SSHS-B2192-SUB-6-8	7/26/2018	6-8	35	8100	<0.39U	6.4	90	0.75	0.14J	3900	-	11	-	8.7	41	23,000	2000	510	0.094	23	510J	<0.6U	<0.12U	<0.24U	-	13	86
SSHS-B2192	SSHS-B2192-SUB-8-10	7/26/2018	8-10	14	5800	<0.37U	7.1	49	0.31J	0.11J	2800	-	9.1	-	6.3	150	18,000	2600	530	0.013J	15	560	<0.57U	<0.12U	<0.23U	-	12	94
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	86	9400	<0.42U	7	120	0.46J	0.24J	4000	-	21	-	7.3	28	19,000	2800	490	0.19	18	810	<0.64U	<0.13U	<0.26U	-	15	79
SSHS-B2193	SSHS-B2193-SUB-2-4	7/26/2018	2-4	110	7000	<0.39U	7.8	160	0.38J	0.29J	17,000	-	14	-	5.9	74	19,000	3000	420	0.32	29	610	0.9J	<0.12U	<0.24U	-	15	110
SSHS-B2194	SSHS-B2194-SUB-10-12	7/25/2018	10-12	18	6100	<0.36U	4.4	40	0.21J	0.098J	6800	-	10	-	5.6	27	15,000	3700	410	0.01J	18	480J	<0.55U	<0.11U	<0.22U	-	8.9	110
SSHS-B2194	SSHS-B2194-SUB-2-4	7/25/2018	2-4	290	7100	<0.41U	7.5	190	0.38J	0.59J	8000	-	30	-	6.6	77	19,000	2500	310	0.1	150	550J	<0.62U	<0.13U	<0.25U	-	14	250
SSHS-B2194	SSHS-B2194-SUB-4-6	7/25/2018	4-6	71	8400	<0.4U	8.6	110	0.4J	0.27J	11,000	-	22	-	7.5	56	20,000	2900	470	0.038	61	780	0.63J	<0.12U	<0.25U	-	15	130
SSHS-B2194	SSHS-B2194-SUB-6-8	7/25/2018	6-8	34	8800	<0.41U,F1	6.1	58	0.36J	0.17J	3600	-	17	-	6.9	36	20,000	2700	400F2	0.019J	37F1	730	<0.62U	<0.13U	<0.25U	-	14	85F1
SSHS-B2194	SSHS-B2194-SUB-8-10	7/25/2018	8-10	10	6000	<0.38U	5	31	0.26J	0.092J	17,000	-	9.1	-	5.8	21	16,000	4800	400	0.0082J	17	560J	<0.58U	<0.12U	<0.24U	-	8.7	59
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	25	7600	<0.41U,F1	9	78	0.56	0.2J	39,000F2	-	15F1,F2	-	8	27F1	16,000F2	23,000F1	490	0.15	24	820	0.78J	<0.13U	<0.25U	-	14	63
SSHS-B2195	SSHS-B2195-SUB-10-12	7/26/2018	10-12	69	6000	<0.37U	4.8	59	0.3J	0.23J	4600	-	16	-	5.5	28	17,000	2100	400	0.012J	40	610	<0.57U	<0.12U	<0.23U	-	11	110
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	18	6200	<0.39U	5.3	40	0.27J	0.11J	1900	-	9.5	-	5.8	23	15,000	2300	320	<0.0086U	21	680	<0.59U	<0.12U	<0.24U	-	9.9	60
SSHS-B2195	SSHS-B2195-SUB-2-4	7/26/2018	2-4	280	5300	1.6	16	270	0.8	0.52J	6100	-	30	-	7.1	72	25,000	2000	180	0.12	45	700J	1.7	0.21J	<0.3U	-	20	190
SSHS-B2195	SSHS-B2195-SUB-4-6	7/26/2018	4-6	620	9100	<0.44U	8.1	130	0.49J	0.55J	23,000	-	36	-	7.5	63	25,000	3100	460	0.083	650	780	0.78J	<0.14U	<0.27U	-	17	350
SSHS-B2195	SSHS-B2195-SUB-6-8	7/26/2018	6-8	150	6600	0.69J	6.9	68	0.36J	0.32J	10,000	-	18	-	6.6	41	20,000	2700	460	0.033J	170	700	<0.63U	<0.13U	<0.26U	-	11	170
SSHS-B2195	SSHS-B2195-SUB-8-10	7/26/2018	8-10	61	6400	<0.39U	5.9	36	0.31J	0.15J	3700	-	11	-	5.9	24	17,000	2500	510	0.018J	70	720	<0.6U	<0.12U	<0.24U	-	11	81
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	200	7600	<0.4U	8.3	180	0.39J	0.25J	23,000	-	16	-	7.2	71	25,000	4200	530	0.097	94	850	0.69J	<0.12U	<0.24U	-	17	120
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	180F1	6300	<0.37U	5.1	190F1	0.36J	0.29J	40,000F2	-	12	-	4.3J	56F1,F2	14,000B	3600F1	400B	0.11F1,F2	47F1	530J	<0.56U	<0.11U	<0.23U	-	12	120F1,F2
SSHS-B2197	SSHS-B2197-SUB-10-12	7/24/2018	10-12	9.7	4600	<0.38U	4.9	37	0.2J	0.054J	27,000	-	6.6	-	4.3J	31	12,000B	4600	360B	0.013J	12	530J	<0.58U	<0.12U	<0.24U	-	7.9	49
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	8.1	5200	<0.38U	3.5	30	0.21J	0.062J	19,000	-	6.9	-	4.7J	18	13,000B	4300	380B	<0.0081U	12	590	<0.58U	<0.12U	<0.24U	-	7.8	50
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	63	8800	<0.38U	5.4	70	0.38J	0.1J	7300	-	12	-	7.2	25	17,000B	3100	360B	0.037	22	650	<0.58U	<0.12U	<0.23U	-	15	61
SSHS-B2197	SSHS-B2197-SUB-4-6	7/24/2018	4-6	15	8600	<0.38U	5.6	49	0.37J	0.058J	4000	-	12	-	7	18	18,000B	2300	390B	0.023J	18	730	<0.58U	<0.12U	<0.24U	-	14	51
SSHS-B2197	SSHS-B2197-SUB-6-8	7/24/2018	6-8	12	7700	<0.4U	6.7	49	0.36J	0.055J	5500	-	11	-	6.9	21	18,000B	2800	400B	0.022J	18	890	<0.6U	<0.12U	<0.25U	-	13	50
SSHS-B2197	SSHS-B2197-SUB-8-10	7/24/2018	8-10	12	4500	<0.37U	3.7	42	0.2J	0.081J	9300	-	6.9	-	3.7J	16	11,000B	4400	450B	0.012J	11	580	<0.56U	<0.11U	<0.23U	-	8.2	38
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	8.8	4500	<0.38U	5.1	35	0.27J	0.066J	9700	-	5.8	-	4J	15	12,000	2300	350	0.037	11	500J	<0.57U	<0.12U	<0.23U	-	15	34
SSHS-B2198	SSHS-B2198-SUB-10-12	7/24/2018	10-12	9.4	6100	<0.39U,F1	4.8	46	0.26J	0.084J	11,000F1,F2	-	10	-	5.5J	23	15,000	5000F1	520F2	0.057	14	680	<0.59U	<0.12U	<0.24U	-	10	57
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	9	6100	<0.39U	5.3	48	0.25J	0.09J	9600	-	8.5	-	6.1	29	17,000	6100	470	0.017J	16	620	<0.59U	<0.12U	<0.24U	-	9.9	58
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	130	12,000	<0.41U	6.4	200	0.59	<0.044U	8700	-	14	-	18	32	23,000	2700	380	0.079	33	760	<0.62U	<0.13U	<0.25U	-	18	67
SSHS-B2198	SSHS-B2198-SUB-4-6	7/24/2018	4-6	34	9800	<0.41U	9.2	63	0.53	0.05J	4000	-	13	-	9.3	26	23,000	2600	360	0.11	20	850	<0.62U	<0.13U	<0.25U	-	19	57
SSHS-B2198	SSHS-B2198-SUB-6-8	7/24/2018	6-8	20	9100	<0.39U	7.5	58	0.42J	0.073J	5500	-	11	-	8.2	20	20,000	3300	600	0.034J	17	740	0.64J	<0.12U	<0.24U	-	15	65
SSHS-B2198	SSHS-B2198-SUB-8-10	7/24/2018	8-10	10	6300	<0.38U	4.8	35	0.27J	0.084J	17,000	-	9.4	-	5.6	22	15,000	6700	400	0.011J	14	750	<0.58U	<0.12U	<0.24U	-	11	68
SSHS-B22	B23449	5/9/2000	2-4	77.9N*	-	-	8.8N*	116	<0.54U	<0.54U	-	-	14.7	-	-	59.7N*	-	-	-	0.07N	36.4N	-	<0.55U	<1.1U	-	-	-	86.3N
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	23	10,000	<0.41U	6.7^	100	0.46J	<0.044U	4200	-	13	-	8.8	29	19,000B	2800	490	0.15	18	990B	<0.62U	<0.13U	0.25J	-	15	65
SSHS-B2213	SSHS-B2213-SUB-10-12	7/26/2018	10-12	20	7300	<0.37U	5.5^	59	0.28J	<0.039U	2000	-	14	-	6.5	21	16,000B	2100	510	0.11	180	560B	<0.56U	<0.11U	<0.23U	-	12	190
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	14	12,000	<0.43U	7.3^	130	0.56	<0.046U	2000	-	15	-	10	16	21,000B	3100	600	0.033J	26	1100B	<0.65U	<0.13U	0.29J	-	16	64
SSHS-B2213	SSHS-B2213-SUB-2-4	7/26/2018	2-4	48	6500	0.69J	7.3^	130	0.41J	<0.044U	26,000	-	11	-	5.6J	34	22,000B	1600	290	0.16	16	830B	0.78J	<0.13U	0.25J	-	18	49
SSHS-B2213	SSHS-B2213-SUB-4-6	7/26/2018	4-6	110	9200	7	7.7^	70	0.45J	<0.044U	5500	-	15	-	7	39	24,000B	2200	500	0.063	16	930B	<0.62U	<0.13U	0.54J	-	20	110
SSHS-B2213	SSHS-B2213-SUB-6-8	7/26/2018	6-8	34	8500	0.44J	5.1^	85	0.35J	<0.041U	1500	-	13	-	5.9	20	18,000B	1700	770	0.084	13	610B	<0.58U	<0.12U	0.37J	-	21	57
SSHS-B2213	SSHS-B2213-SUB-8-10	7/26/2018	8-10	11	11,000	<0.39U	4.6^	120	0.43J	<0.042U	1200	-	76	-	7.3	41	18,000B	2200	600	0.028J	920	760B	<0.59U	<0.12U	0.39J	-	18	1800
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	42	5000	1J	7.1	90	0.4J	<0.045U	11,000	-	11	-	5.4J	50	21,000	1700	270	0.13	18	730	0.89J,^	<0.13U	0.37J	-	14	85
SSHS-B2214	SSHS-B2214-SUB-10-12	7/26/2018	10-12	10	8000	<0.37U	6.2	50	0.31J	<0.04U	1300	-	17	-	6.9	30	19,000	2400	450	0.039	21	640	<0.57U,^	<0.12U	0.25J	-	14	62
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	6.9	4900	<0.36U	4.9	62	0.19J	<0.038U	9300	-	13	-	4.5J	17	13,000	4100	450	0.012J	11	550	<0.54U,^	<0.11U	0.3J	-	8.5	47
SSHS-B2214	SSHS-B2214-SUB-4-6	7/26/2018	4-6	15	4400F2	0.51J	5.9	62	0.34J	<0.043U	1600	-	9.2	-	4.3J	28F1	24,000	740	180F1,F2	0.067	7.8	850	1.1J,^	<0.12U	0.3J	-	14	27
SSHS-B2214	SSHS-B2214-SUB-8-10	7/26/2018	8-10	12	12,000	<0.41U	7.8	44	0.49	<0.043U	1000	-	18	-	12	15	22,000	2900	520	0.035J	21	870	<0.62U,^	<0.13U	0.45J	-	19	52
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	220	5000	1.6	6.5	89	0.37J	<0.041U	12,000	-	11	-	5.7	40	22,000	1900	210	0.11	12	920B	0.66J,^	<0.12U	<0.23U	-	14	58
SSHS-B2215	SSHS-B2215-SUB-10-12	7/26/2018	10-12	8.8	4800	<0.34U	4.4	33	0.2J	<0.037U	28,000	-	8.6	-	4.9J	18	13,000	11,000	470	<0.008U	11	590	<0.52U,^	<0.11U	<0.21U	-	8.8	40
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	6.3	6400	<0.39U	5.1	54	0.24J	<0.042U	17,000	-	9.8	-	6.4	25	16,000	4800	670	<0.0083U	15	650	<0.59U,^	<0.12U	0.31J	-	11	59
SSHS-B2215	SSHS-B2215-SUB-2-4	7/26/2018	2-4	20	11,000	0.56J	5.4	130	0.59	<0.048U	2500	-	15	-	13	31	25,000	2000	710	0.032J	18	740B	0.8J,^	<0.14U	0.57J	-	22	56
SSHS-B2215	SSHS-B2215-SUB-4-6	7/26/2018	4-6	17	13,000	<0.4U	9.6	60	0.56	<0.043U	1400	-	16	-	11	30	25,000	3100	320	0.015J	19	1100B	<0.61U,^	<0.12U	0.47J	-	21	58
SSHS-B2215	SSHS-B2215-SUB-6-8	7/26/2018	6-8	9.4	5800	<0.38U	5.5	42	0.29J	<0.04U	1200	-	8.5	-	5.8	19	15,000	1700	350	0.0098J	13	570	<0.57U,^	<0.12U	0.3J	-	11	44
SSHS-B2215	SSHS-B2215-SUB-8-10	7/26/2018	8-10	8	5400	<0.39U	6.9	46	0.3J	<0.042U	1800	-	10	-	6.1	25	17,000	1900	610	0.0089J	12	620	<0.6U,^	<0.12U	0.4J	-	16	150
SSHS-B2216	SSHS-B2216-SUB-10-12	7/25/2018	10-12	6.3	7100	<0.38U	5	61	0.26J	0.15J	20,000	-	7.9	-	6.7	16	17,000	8900	730	<0.0079U	16	640	<0.57U	<0.12U	<0.23U	-	10	57
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	21	6200	<0.36U	4.3	50	0.21J	0.059J	32,000	-	8.5	-	4.9J	23	15,000	16,000	440	0.0081J	12	620	<0.54U	<0.11U	<0.22U	-	9.1	58
SSHS-B2216	SSHS-B2216-SUB-2-4	7/25/2018	2-4	39	10,000	0.63J	8.9	75	0.46	0.082J	9300	-	14	-	8.4	35	22,000	3100	490	0.065	19	890	<0.57U	<0.12U	<0.23U	-	20	83
SSHS-B2216	SSHS-B2216-SUB-4-6	7/25/2018	4-6	56	8900	1.2	8.1	74	0.44J	0.12J	3300	-	16	-	8.6	38	26,000	2400	880	0.068	20	690	0.6J	<0.12U	<0.24U	-	22	140
SSHS-B2216	SSHS-B2216-SUB-6-8	7/25/2018	6-8	13	9900	<0.38U	5.8	58	0.41J	0.07J	1200	-	13	-	8.1	21	20,000	2600	410	<0.0086U	19	780	<0.57U	<0.12U	<0.23U	-	15	66

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2216	SSHS-B2216-SUB-8-10	7/25/2018	8-10	10	8600	<0.37U	5.4	73	0.37J	0.091J	4600	-	11	-	7.3	28	21,000	3500	830	0.022J	19	700	<0.56U	<0.11U	<0.23U	-	13	75
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	120	7500	1.1J	6.5	160	0.76	0.23J	27,000	-	15	-	6.4	87	21,000	3000	310	0.15	170	650	<0.63U	<0.13U	<0.26U	-	16	160
SSHS-B2217	SSHS-B2217-SUB-10-12	7/27/2018	10-12	8.5	5900	<0.38U	4.2	45	0.23J	0.069J	19,000	-	8.3	-	5J	27	14,000	6000	470	<0.0077U	53	640	<0.58U	<0.12U	<0.24U	-	8.9	120
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	24	5200	0.38J	6.6	41	0.21J	0.073J	5600	-	10	-	4.8J	74	14,000	2200	350	<0.0082U	120	490J	<0.58U	<0.12U	<0.23U	-	8.2	120
SSHS-B2217	SSHS-B2217-SUB-2-4	7/27/2018	2-4	220	9300	5.9	7.1	130	0.47	0.25J	12,000	-	14	-	6.7	110	20,000	2000	270	0.052	53	740	1.1J	<0.12U	<0.25U	-	17	150
SSHS-B2217	SSHS-B2217-SUB-4-6	7/27/2018	4-6	150	8800	4.1	9.3	130	0.48	0.29J	13,000	-	18	-	9.2	110	25,000	2600	460	0.048	100	690	1.1J	<0.13U	<0.25U	-	16	160
SSHS-B2217	SSHS-B2217-SUB-6-8	7/27/2018	6-8	67	7400	4.3	7.1	70	0.37J	0.1J	3700	-	15	-	6.7	120	20,000	2100	510	<0.0091U	110	730	<0.59U	<0.12U	<0.24U	-	13	110
SSHS-B2217	SSHS-B2217-SUB-8-10	7/27/2018	8-10	20	6800	0.97J	4.5	41	0.29J	0.087J	11,000	-	11	-	6.4	84	16,000	4200	420	<0.0083U	160	620	<0.57U	<0.12U	<0.23U	-	10	230
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	45	8600B	<0.4U	6.6^	92	0.42J	0.16J	13,000	-	16	-	7.5	24	17,000	3400	420	0.11	19	670	0.64J	<0.12U	<0.25U	-	14	94
SSHS-B2221	SSHS-B2221-SUB-10-12	7/24/2018	10-12	28	7100	<0.39U	7.3^	62	0.29J	0.14J	3500	-	250	-	5.5J	930	17,000	2300	530	<0.0085U	21	660	<0.58U	<0.12U	<0.24U	-	11	77
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	11	4400	<0.37U	3.4^	27	0.17J	0.1J	40,000	-	92	-	3.3J	270	11,000	12,000	570	<0.0074U	15	500J	<0.56U	<0.11U	<0.23U	-	7.1	56
SSHS-B2221	SSHS-B2221-SUB-2-4	7/24/2018	2-4	260	7700B	0.44J	6.5^	110	0.35J	0.37J	28,000	-	800	-	5J	3600	18,000	3500	380	0.062	43	620	0.88J	<0.12U	<0.24U	-	12	190
SSHS-B2221	SSHS-B2221-SUB-4-6	7/24/2018	4-6	45	8900	<0.4U	6.6^	140	0.39J	0.31J	4200	-	1100	-	5.7J	2100	17,000	1400	1100	0.031J	22	600	1.1J	<0.12U	<0.25U	-	13	170
SSHS-B2221	SSHS-B2221-SUB-6-8	7/24/2018	6-8	35	8000	<0.37U	10^	62	0.34J	0.13J	4700	-	500	-	5.1J	1000	21,000	2400	420	0.013J	20	600	<0.55U	<0.11U	<0.22U	-	12	100
SSHS-B2221	SSHS-B2221-SUB-8-10	7/24/2018	8-10	21	6600	<0.39U	7.9^	47	0.29J	0.093J	1200	-	180	-	4.3J	1400	17,000	1900	270	<0.0078U	15	550J	<0.59U	<0.12U	<0.24U	-	10	78
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	37	8500	0.79J	5.1	110	0.36J	<0.041U	1800	-	12	-	6.3	23	18,000	2300	520	0.017J	19	840B	<0.58U,^	<0.12U	0.27J	-	14	68
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	6.9	6800	<0.37U	4.9	37	0.28J	<0.04U	1200	-	8.8	-	5.6	28	15,000	2300	360	0.0089J	13	770B	<0.56U,^	<0.11U	<0.23U	-	11	53
SSHS-B2223	SSHS-B2223-SUB-2-4	7/26/2018	2-4	140	8500	0.59J	8.3	190	0.43J	<0.042U	9000	-	20	-	6.9	56	19,000	2900	360	0.13	72	830B	<0.59U,^	<0.12U	0.31J	-	17	96
SSHS-B2223	SSHS-B2223-SUB-4-6	7/26/2018	4-6	420	8400	13	5.2	260	0.35J	<0.043U	26,000	-	12	-	4.4J	30	15,000	2700	370	0.038	17	830B	<0.61U,^	<0.12U	<0.25U	-	13	83
SSHS-B2223	SSHS-B2223-SUB-6-8	7/26/2018	6-8	130	8500	2.4	4.1	340	0.32J	<0.044U	35,000	-	13	-	4.4J	22	15,000	2700	620	0.037J	20	730B	<0.63U,^	<0.13U	0.46J	-	13	66
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	84	9400	1.8	4	230	0.34J	<0.043U	4600	-	12	-	5.8J	29	18,000	2700	580	0.042	22	720B	<0.61U,^	<0.12U	0.37J	-	14	68
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	180	5000	0.75J	7.7	310	0.31J	0.065J	21,000	-	23	-	5.5J	100	20,000	8900	350	0.085	110	550J	0.85J,^	<0.13U	<0.26U	-	15	110
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	5.9	5200	<0.36U	4.5	24	0.21J	<0.039U	31,000	-	6.8	-	4.9J	16	12,000	4100	320	<0.008U	12	660	<0.55U,^	<0.11U	<0.22U	-	8.6	40
SSHS-B2224	SSHS-B2224-SUB-2-4	7/26/2018	2-4	28	6000	<0.37U	6	69	0.25J	<0.04U	8300	-	10	-	5.8	25	14,000	1700	330	0.029J	24	590	<0.56U,^	<0.11U	<0.23U	-	12	55
SSHS-B2224	SSHS-B2224-SUB-4-6	7/26/2018	4-6	12	5600	<0.38U	5.8	38	0.26J	<0.041U	14,000	-	8.2	-	6.1	20	15,000	2400	340	0.011J	16	740	<0.58U,^	<0.12U	0.3J	-	11	51
SSHS-B2224	SSHS-B2224-SUB-6-8	7/26/2018	6-8	9.7	6700	<0.44U	6.7	32	0.3J	<0.048U	5500	-	9.4	-	7.6	21	17,000	2900	320	<0.0097U	17	910	<0.67U,^	<0.14U	0.4J	-	13	61
SSHS-B2224	SSHS-B2224-SUB-8-10	7/26/2018	8-10	7.4	5100	<0.37U	4.6	23	0.22J	<0.04U	19,000	-	7.2	-	5J	18	13,000	2700	290	<0.0084U	12	670	<0.56U,^	<0.12U	0.26J	-	9.8	44
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	28	9300B	<0.41U,F1	5.8^	89	0.43J	0.16J	2600	-	14	-	6.9	19F1,F2	18,000	2200	380	0.11F1	16	680	<0.62U	<0.13U	<0.25U	-	13	55
SSHS-B2225	SSHS-B2225-SUB-2-4	7/24/2018	2-4	100	12,000B	<0.42U	6.7^	260	0.54	0.42J	35,000	-	17	-	6.6	65	20,000	4000	370	0.079	37	730	0.86J	<0.13U	<0.26U	-	15	120
SSHS-B2225	SSHS-B2225-SUB-4-6	7/24/2018	4-6	120	8600B	<0.38U	7.7^	510	0.42J	0.74	57,000	-	31	-	9.2	390	30,000	12,000	450	0.2	160	660	1.1	0.39J	<0.23U	-	18	250
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	86	8600	<0.41U	6.7	91	0.4J	<0.044U	4500	-	21	-	7.4	33	18,000	3400	410	0.19	17	720B	<0.62U	0.16J	0.44J	-	18	91
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	180	6000	1.2	6.8	100	0.27J	<0.041U	11,000	-	11	-	5.9	25	15,000	1900	530	0.026J	17	910B	<0.59U	<0.12U	<0.24U	-	10	54
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	9.6	6300	<0.46U	8.1	33	0.3J	<0.05U	1400	-	8.8	-	6.5J	22	17,000	2200	370	<0.01U	15	1400B	<0.7U	<0.14U	0.36J	-	12	56
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	2000	7200	8.1	6.8	630	0.29J	0.16J	14,000	-	27	-	5.2J	96	17,000	2500	330	0.071	52	880B	<0.59U	0.12J	0.26J	-	12	150
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	2800	2500	19	4.9	870	0.11J	0.33J	43,000	-	31	-	2.2J	50	18,000	1300	350	0.026J	31	490J,B	<0.57U	0.24J	<0.23U	-	6.2	130
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	340	5600	2.5	4.2	180	0.25J	<0.044U	2800	-	11	-	3.6J	20	11,000	1200	420	0.039J	12	770B	<0.62U	<0.13U	<0.25U	-	9.8	60
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	1100	8200	<0.77U	9.4	230	0.36J	<0.082U	4500	-	340	-	9.6	53	69,000	2400	1200	0.022J	57	850B	<0.58U	0.19J	<0.47U	-	16	83
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	74	9600	<0.42U	7.2	120	0.45J	<0.044U	5200	-	17	-	7.9	36	20,000	2900	450	0.092	44	890B	<0.63U,^	<0.13U	<0.26U	-	15	78
SSHS-B2227	SSHS-B2227-SUB-10-12	7/26/2018	10-12	53	8400	<0.36U	5.4	160	0.39J	0.15J	22,000	-	12	-	6.8	32	17,000	2700	720	0.022J	25	650B	<0.55U,^	<0.11U	0.39J	-	12	120
SSHS-B2227	SSHS-B2227-SUB-2-4	7/26/2018	2-4	53	8900	0.41J	13	150	0.55	<0.043U	18,000	-	13	-	11	30	24,000	3200	810	0.035J	140	860B	<0.61U,^	<0.12U	0.43J	-	16	62
SSHS-B2227	SSHS-B2227-SUB-4-6	7/26/2018	4-6	250	6000	3.7	10	400	0.33J	1.1	12,000	-	16	-	5.7	49	18,000	2300	430	0.09	68	670B	<0.55U,^	<0.11U	<0.22U	-	13	880
SSHS-B2227	SSHS-B2227-SUB-6-8	7/26/2018	6-8	180	8500	<0.38U	6.8	210	0.35J	0.44J	4900	-	16	-	6.7	54	20,000	2700	360	0.037J	35	730B	<0.57U,^	<0.12U	0.43J	-	15	450
SSHS-B2227	SSHS-B2227-SUB-8-10	7/26/2018	8-10	59F1	7800	<0.41U	6.4	110	0.35J	0.089J	6700F1	-	13	-	6.3	29	18,000	2500	410F2	0.024J	28	700B	<0.63U,^	<0.13U	0.29J	-	14	210F1,F2
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	50	8700	<0.4U	7.4	85	0.48	0.2J	1700	-	15	-	8.5	26	19,000	2100	470	0.044	28	760	<0.61U	<0.12U	<0.25U	-	18	84
SSHS-B2228	SSHS-B2228-SUB-10-12	7/27/2018	10-12	28	9400	<0.39U	5	82	0.4J	0.088J	1700	-	11	-	6.4	24	17,000	2300	240	0.028J	19	610	<0.59U	<0.12U	<0.24U	-	14	62
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	27	6600	<0.39U	5.7	73	0.3J	0.12J	12,000	-	9.1	-	5.5J	22	16,000	3600	410	0.014J	15	560J	<0.59U	<0.12U	<0.24U	-	12	64
SSHS-B2228	SSHS-B2228-SUB-4-6	7/27/2018	4-6	34	6600	<0.39U	4.4	80	0.29J	0.11J	11,000	-	16	-	5.1J	20	15,000	3700	350	0.013J	18	640	<0.59U	<0.12U	<0.24U	-	11	67
SSHS-B2228	SSHS-B2228-SUB-6-8	7/27/2018	6-8	10	9400	<0.43U	6.9	34	0.41J	0.078J	800	-	11	-	7.2	25	19,000	2300	210	0.031J	18	700	<0.65U	<0.13U	<0.26U	-	15	56
SSHS-B2228	SSHS-B2228-SUB-8-10	7/27/2018	8-10	11	8600	<0.45U	6.8	39	0.39J	0.071J	870	-	10	-	7.8	24	19,000	2400	230	0.024J	19	690	<0.68U	<0.14U	<0.27U	-	13	57
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	450	9600	0.56J	12	570	0.53	1.3	10,000	-	29	-	8.6	130	32,000	2900	590	0.12	210	890	0.81J	<0.13U	<0.25U	-	19	350
SSHS-B2229	SSHS-B2229-SUB-2-4	7/27/2018	2-4	350	7900	0.94J	8.3	200	0.39J	0.28J	29,000	-	14	-	6.4	57	32,000	2000	520	0.064	30	840	0.64J	<0.12U	<0.24U	-	16	110
SSHS-B2229	SSHS-B2229-SUB-4-6	7/27/2018	4-6	1100F2	8200	66F1	6.5	180	0.37J	0.24J	32,000F2	-	13	-	6.2	96F2,F1	22,000F2	2400	430F2	0.032J	28	630	<0.59U	<0.12U	<0.24U	-	15	110F1
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	66	9200	<0.4U	6.4	86	0.41J	0.14J	10,000	-	16	-	7.2	41	19,000	3900	430	0.08	22	760	0.61J	<0.12U	<0.25U	-	15	80
SSHS-B2230	SSHS-B2230-SUB-10-12	7/23/2018	10-12	7.7	5700	<0.39U	5.4	38	0.25J	<0.042U	930	-	7.8	-	5J	22	14,000	2000	250	0.0084J	13	690	<0.6U	<0.12U	<0.24U	-	9.5	53
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	35	6700	<0.38U	5.2	79	0.28J	0.1J	1900	-	12	-	6.1	26	18,000	2500	300	<0.0082U	17	630	0.73J	<0.12U	<0.23U	-	12	73
SSHS-B2230	SSHS-B2230-SUB-2-4	7/23/2018	2-4	580	5500	0.63J	8.9	890	0.31J	1.1	35,000	-	22	-	5.2J	98	24,000	2200	450	0.18	68	550J	1.1J	0.33J	<0.25U	-	15	370
SSHS-B2230	SSHS-B2230-SUB-4-6	7/23/2018	4-6	260	5900	<0.42U	9	380	0.34J	0.47J	19,000	-	18	-	5.4J	60	25,000	3100	430	0.076	34	630	0.89J	0.14J	<0.26U	-	14	190
SSHS-B2230	SSHS-B2230-SUB-6-8	7/23/2018	6-8	130	7300	<0.39U	6.4	230	0.32J	0.22J	7700	-	15	-	5.9	42	22,000	2700	500	0.034J	21	530J	0.59J	0.17J	<0.24U	-	14	110
SSHS-B2230	SSHS-B2230-SUB-8-10	7/23/2018	8-10	290	7500	<0.39U	5.5	160	0.3J	0.1J	4200	-	13	-	5J	58	18,000	2900	550	0.025J	16	560J	0.6J	<0.12U	<0.24U	-	13	73
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	13	9200	<0.4U	5	59	0.38J	0.071J	19,000	-	12	-	7.4	18	18,000	4800	360	0.018J	18	660	<0.6U	<0.12U	<0.24U	-	14	55
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	32	11,000	<0.39U,F1	17F1	82	0.51	0.13J	14,000F1,F2	-	15	-	7.5	31F1	28,000	3700	400	0.052F2	20	780	1.2	<0.12U	<0.24U	-	17	64

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2231	SSHS-B2231-SUB-10-12	7/23/2018	10-12	13	7200	<0.39U	8	52	0.32J	0.087J	1800	-	9.2	-	6.2	25	18,000	2000	560	<0.0079U	16	710	<0.58U	<0.12U	<0.24U	-	13	65
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	35	7000	<0.37U	5.4	100	0.31J	0.21J	3900	-	12	-	6.6	34	19,000	2700	1300	0.012J	21	640	<0.56U	<0.12U	<0.23U	-	13	92
SSHS-B2231	SSHS-B2231-SUB-2-4	7/23/2018	2-4	380	7200	<0.42U	7.6	530	0.35J	1	23,000	-	15	-	5.7J	82	21,000	2700	400	0.1	41	570J	<0.64U	0.17J	<0.26U	-	15	240
SSHS-B2231	SSHS-B2231-SUB-4-6	7/23/2018	4-6	380	5200	3.8	24	640	0.33J	0.76	61,000	-	29	-	7.4	58	57,000	1500	760	0.059	83	610J	1.6	<0.13U	<0.26U	-	27	260
SSHS-B2231	SSHS-B2231-SUB-6-8	7/23/2018	6-8	150	10,000	0.88J	8.4	280	0.46J	0.27J	37,000	-	18	-	5.7J	36	23,000	3100	380	0.045	38	730	0.66J	<0.13U	<0.25U	-	18	120
SSHS-B2231	SSHS-B2231-SUB-8-10	7/23/2018	8-10	100	9700	<0.39U	6.9	190	0.41J	0.17J	17,000	-	14	-	6.5	24	19,000	2900	380	0.05	22	550J	<0.6U	<0.12U	<0.24U	-	16	88
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	39	10,000	<0.41U	12	91	0.51	0.15J	4200	-	14	-	7.5	28	20,000B	2300	490B	0.062	19	710	<0.62U	<0.13U	<0.25U	-	16	80
SSHS-B2232	SSHS-B2232-SUB-10-12	7/24/2018	10-12	52	6900	<0.4U	6.6	43	0.29J	0.091J	1100	-	8.8	-	6.5	18	17,000B	2200	440B	0.0093J	16	620	<0.6U	<0.12U	<0.24U	-	10	60
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	36	6700	<0.39U	7	95	0.31J	0.11J	3200	-	10	-	6.2	40	18,000	2500	310	0.042	17	620	<0.6U	<0.12U	<0.24U	-	11	60
SSHS-B2232	SSHS-B2232-SUB-2-4	7/24/2018	2-4	34	8100	<0.41U	6.3	79	0.37J	0.17J	34,000	-	16	-	7.2	91	19,000B	4400	590B	0.036J	40	560J	0.64J	<0.13U	<0.25U	-	16	76
SSHS-B2232	SSHS-B2232-SUB-4-6	7/24/2018	4-6	210	7100	0.92J	8.8	110	0.5J	0.14J	7100	-	12	-	8.5	110	38,000B	1800	370B	0.049	19	720	1.9	<0.13U	<0.27U	-	16	110
SSHS-B2232	SSHS-B2232-SUB-6-8	7/24/2018	6-8	11	7300	<0.38U	3.6	34	0.28J	0.051J	1500	-	8.9	-	4.4J	21	18,000B	2300	250B	0.021J	13	440J	<0.57U	<0.12U	<0.23U	-	10	45
SSHS-B2232	SSHS-B2232-SUB-8-10	7/24/2018	8-10	10	5400	<0.39U	6.1	42	0.29J	0.1J	360J	-	5.6	-	9.5	16	13,000B	1400	820B	0.013J	19	400J	<0.59U	<0.12U	<0.24U	-	7.8	40
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	69	8900	<0.39U	7.1	85	0.43J	0.16J	19,000	-	14	-	8.1	28	19,000B	3300	620B	0.051	25	570	<0.59U	<0.12U	<0.24U	-	14	120
SSHS-B2233	SSHS-B2233-SUB-10-12	7/24/2018	10-12	180	5500	<0.36U	4.2	30	0.24J	0.044J	2300	-	8.3	-	4.8J	15	14,000B	2100	320B	<0.0085U	12	540	<0.55U	<0.11U	<0.22U	-	9.6	46
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	110	5400	<0.39U	3.4	40	0.21J	0.057J	14,000	-	7.4	-	5.2J	17	14,000B	2200	340B	<0.008U	13	540J	<0.59U	<0.12U	<0.24U	-	8.7	44
SSHS-B2233	SSHS-B2233-SUB-2-4	7/24/2018	2-4	7300	9100	<3.8U	5.6	160	0.45	0.15J	73,000	-	12	-	6.9	33	21,000B	2900	360B	0.05	24	930	0.63J	<0.12U	<0.24U	-	15	73
SSHS-B2233	SSHS-B2233-SUB-4-6	7/24/2018	4-6	1800	9200	<0.81U	6.1	92	0.42J	0.088J	21,000	-	13	-	8.5	28	18,000B	2900	630B	0.021J	19	700	<0.61U	<0.13U	<0.25U	-	14	75
SSHS-B2233	SSHS-B2233-SUB-6-8	7/24/2018	6-8	1200	7800	<0.42U	5.9	68	0.35J	0.078J	10,000	-	11	-	6.7	24	18,000B	2300	390B	0.11	17	670	<0.64U	<0.13U	<0.26U	-	12	60
SSHS-B2233	SSHS-B2233-SUB-8-10	7/24/2018	8-10	240	7700	<0.41U	6	53	0.34J	0.1J	3100	-	11	-	6.6	30	19,000B	2700	610B	0.0097J	19	670	<0.62U	<0.13U	<0.25U	-	12	63
SSHS-B2234	SSHS-B2234-SUB-10-12	7/23/2018	10-12	390F2	6300	2.7F1	6.5	75	0.31J	0.1J	5700F1,F2	-	10	-	6.1	20	15,000	2100	260	<0.0086U	16	640	<0.59U	<0.12U	<0.24U	-	13	73F1
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	25	4700	<0.38U	5	28	0.21J	0.095J	1400	-	7.5	-	4.5J	16	12,000	1800	170	<0.0086U	11	440J	<0.57U	<0.12U	<0.23U	-	8.5	48
SSHS-B2234	SSHS-B2234-SUB-2-4	7/23/2018	2-4	3400	8500	46	8	250	0.39J	0.4J	23,000	-	12	-	5.6J	33	18,000	2600	440	0.061	18	850	0.6J	0.15J	<0.24U	-	16	300
SSHS-B2234	SSHS-B2234-SUB-4-6	7/23/2018	4-6	1800	7100	23	8.2	200	0.43J	0.14J	15,000	-	11	-	4.5J	23	12,000	2600	230	0.022J	19	600	<0.62U	<0.13U	<0.25U	-	14	66
SSHS-B2234	SSHS-B2234-SUB-6-8	7/23/2018	6-8	25	12,000	0.95J	7.4	88	0.58	0.048J	6600	-	15	-	8	18	19,000	2600	360	0.012J	18	730	<0.59U	<0.12U	<0.24U	-	20	54
SSHS-B2234	SSHS-B2234-SUB-8-10	7/23/2018	8-10	39	6200	0.57J	6.4	67	0.34J	0.058J	3300	-	7.6	-	4.2J	16	12,000	1500	290	0.021J	11	720	<0.61U	<0.13U	<0.25U	-	10	35
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	27	10,000	<0.4U	6.8	81	0.46J	0.18J	20,000	-	18	-	7.9	29	20,000	4400	450	0.024J	26	850	<0.61U	<0.13U	<0.25U	-	15	70
SSHS-B2235	SSHS-B2235-SUB-10-12	7/23/2018	10-12	9.2	7000	<0.38U	5.2	53	0.28J	0.089J	1900	-	9.3	-	5.4J	21	16,000	2200	680	<0.009U	14	600	<0.58U	<0.12U	<0.23U	-	12	69
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	14	4800	<0.37U	3.1	35	0.18J	0.063J	3300	-	6.2	-	4J	13	11,000	1900	410	<0.0081U	10	450J	<0.56U	<0.11U	<0.23U	-	8	39
SSHS-B2235	SSHS-B2235-SUB-2-4	7/23/2018	2-4	29	8900	<0.39U	8.7	73	0.53	0.052J	18,000	-	15	-	7.8	24	24,000	3700	390	0.046	18	900	0.68J	<0.12U	<0.24U	-	23	46
SSHS-B2235	SSHS-B2235-SUB-4-6	7/23/2018	4-6	100	7600	0.69J	5.3	48	0.32J	0.061J	17,000	-	9.4	-	6	23	17,000	3800	370	0.019J	16	610	<0.57U	<0.12U	<0.23U	-	12	55
SSHS-B2235	SSHS-B2235-SUB-6-8	7/23/2018	6-8	11	10,000	<0.41U	4.6	100	0.41J	<0.044U	1700	-	12	-	6.1	12	19,000	2500	500	0.01J	15	570J	<0.63U	<0.13U	<0.25U	-	14	48
SSHS-B2235	SSHS-B2235-SUB-8-10	7/23/2018	8-10	14	11,000	<0.41U	7.3	51	0.4J	0.047J	2900	-	15	-	8.2	18	22,000	3000	370	<0.0085U	18	770	<0.62U	<0.13U	<0.25U	-	16	50
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	14	7700	<0.38U	5	71	0.33J	0.084J	30,000	-	12	-	6.2	22	17,000	5200	490	0.019J	20	670	<0.57U	<0.12U	<0.23U	-	11	60
SSHS-B2236	SSHS-B2236-SUB-2-4	7/27/2018	2-4	180	6700	<0.36U	7.1	110	0.34J	0.16J	14,000	-	13	-	5.4	41	18,000	2800	400	0.014J	54	680	<0.55U	<0.11U	<0.22U	-	12	64
SSHS-B2236	SSHS-B2236-SUB-4-6	7/27/2018	4-6	210	8000	<0.37U	7.4	150	0.35J	0.21J	15,000	-	19	-	6.4	38	20,000	4500	510	0.025J	70	750	<0.57U	<0.12U	<0.23U	-	13	81
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	1900	9100	<0.8U	8	5000	0.4J	0.38J	33,000	-	26	-	5.8J	230	27,000	3900	950	0.18	190	900	<0.61U	<0.12U	<0.25U	-	14	200
SSHS-B2237	SSHS-B2237-SUB-2-4	7/27/2018	2-4	1000	7000	3.4	7.1	11,000	0.37J	0.47J	10,000	-	26	-	4.2J	660	42,000	2000	2200	0.26	110	810	0.88J	<0.13U	<0.26U	-	13	320
SSHS-B2238	SSHS-B2238-SUB-10-12	7/23/2018	10-12	2100	6400	<1.9U	5.4	460	0.27J	1.1	17,000	-	12	-	5.2J	81	30,000	2800	380	0.031J	29	570	<0.58U	<0.12U	<0.24U	-	13	120
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	33	6200	<0.38U	4.3	120	0.24J	0.31J	25,000	-	10	-	5.1J	32	15,000	5400	460	<0.0081U	23	700	<0.57U	<0.12U	<0.23U	-	10	90
SSHS-B2238	SSHS-B2238-SUB-2-4	7/23/2018	2-4	140F1	7600F2	<0.37U,F2,F1	6.3F2,F1	110F2,F1	0.32J,F2,F1	0.22J	28,000F2	-	13F2,F1	-	6.3F2,F1	55F2,F1	21,000F2	5000F2,F1	570F2	0.021J	62F2,F1	670F2,F1	<0.55U,F1	<0.11U	<0.23U,F1	-	13F2,F1	100F1
SSHS-B2238	SSHS-B2238-SUB-4-6	7/23/2018	4-6	75	8000	<0.37U	7.9	220	0.35J	0.99	17,000	-	12	-	7.2	78	23,000	3700	550	0.027J	35	730	<0.56U	<0.11U	<0.23U	-	13	160
SSHS-B2238	SSHS-B2238-SUB-6-8	7/23/2018	6-8	100	6900	<0.38U	6.7	320	0.3J	1.3	44,000	-	17	-	6.5	130	19,000	5800	430	0.034J	61	780	<0.57U	<0.12U	<0.23U	-	13	240
SSHS-B2238	SSHS-B2238-SUB-8-10	7/23/2018	8-10	190	6500	<0.39U	7.2	250	0.32J	0.79	24,000	-	13	-	6.3	81	21,000	4600	380	0.027J	44	640	<0.59U	<0.12U	<0.24U	-	12	180
SSHS-B2239	SSHS-B2239-SUB-10-12	7/23/2018	10-12	33	8600	<0.37U	5.7	140	0.3J	0.13J	25,000	-	13	-	7.3	44	22,000	5600	560	0.0087J	25	580	<0.56U	<0.11U	<0.23U	-	13	98
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	29	7100	<0.38U	5.3	110	0.26J	0.09J	41,000	-	11	-	5.8	38	18,000	7600	420	<0.0088U	26	630	<0.57U	<0.12U	<0.23U	-	12	70
SSHS-B2239	SSHS-B2239-SUB-2-4	7/23/2018	2-4	180	6000	0.77J	8.9	490	0.29J	0.32J	42,000	-	19	-	5.6	130	21,000	4000	360	0.062	50	550J	0.8J	<0.12U	<0.23U	-	12	160
SSHS-B2239	SSHS-B2239-SUB-4-6	7/23/2018	4-6	320	7100	1.9	9.9	950	0.33J	0.35J	73,000	-	29	-	7.7	220	26,000	3900	480	0.05	110	710	0.69J	<0.12U	<0.23U	-	14	210
SSHS-B2239	SSHS-B2239-SUB-6-8	7/23/2018	6-8	150F1,F2	7300	0.73J	6.7	620F1	0.32J	0.21J	22,000F1,F2	-	18F1	-	6	130	22,000F2	4100F1,F2	390	0.037J	56F1	610	0.74J	<0.11U	<0.23U	-	13	150F1
SSHS-B2239	SSHS-B2239-SUB-8-10	7/23/2018	8-10	38	8000	<0.39U	5.9	170	0.31J	0.11J	18,000	-	25	-	7.8	53	21,000	4300	650	0.024J	47	650	<0.58U	<0.12U	<0.24U	-	13	98
SSHS-B2240	SSHS-B2240-SUB-10-12	7/23/2018	10-12	9.7	5700	<0.36U	4.5	39	0.24J	0.083J	47,000	-	9.3	-	5.2J	23	14,000	9600	310	<0.0085U	15	670	<0.55U	<0.11U	<0.22U	-	10	59
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	10	6100	<0.37U	5.8	42	0.3J	0.08J	1900	-	7.8	-	5.5	20	16,000	1800	530	0.014J	14	640	<0.56U	<0.11U	<0.23U	-	11	58
SSHS-B2240	SSHS-B2240-SUB-2-4	7/23/2018	2-4	55	4300	<0.37U	5.3	65	0.3J	0.16J	150,000	-	7.6	-	5.5	29	12,000	4700	360	0.023J	19	740	0.88J	<0.11U	<0.23U	-	8.7	41
SSHS-B2240	SSHS-B2240-SUB-4-6	7/23/2018	4-6	37	8600	<0.39U,F1	6	73	0.4J	0.045J	8700	-	11	-	7	64F1	18,000	2600	440	0.018J	20	730	<0.58U	<0.12U	<0.24U	-	17	59
SSHS-B2240	SSHS-B2240-SUB-6-8	7/23/2018	6-8	96	6100	<0.39U	6.3	130	0.35J	0.16J	34,000	-	12	-	6.8	84	18,000	1900	440	0.035J	46	570	0.6J	<0.12U	<0.24U	-	13	85
SSHS-B2240	SSHS-B2240-SUB-8-10	7/23/2018	8-10	23	5900	<0.36U	5	54	0.28J	0.057J	6800	-	9.1	-	5.5	39	14,000	2200	370	0.014J	18	590	<0.55U	<0.11U	<0.22U	-	10	51
SSHS-B2241	SSHS-B2241-SUB-10-12	7/23/2018	10-12	13	6100	<0.37U	5.5	52	0.26J	0.089J	18,000	-	9.9	-	5.5	24	15,000	3000	450	<0.0077U	19	660	<0.56U	<0.12U	<0.23U	-	11	49
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	10	7300	<0.38U	5.1	45	0.31J	0.058J	7100	-	12	-	5.9	21	17,000	3400	380	0.0086J	19	630	0.6J	<0.12U	<0.23U	-	12	53
SSHS-B2241	SSHS-B2241-SUB-2-4	7/23/2018	2-4	74	8600	<0.38U	7	110	0.4J	0.14J	17,000	-	15	-	6.5	62	21,000	4800	420	0.036J	74	740	0.88J	<0.12U	<0.24U	-	14	86
SSHS-B2241	SSHS-B2241-SUB-4-6	7/23/2018	4-6	35	9200	<0.4U	5.9	71	0.39J	0.078J	48,000	-	16	-	6.6	27	18,000	5400	640	0.019J	34	840	<0.6U	<0.12U	<0.24U	-	15	59
SSHS-B2241	SSHS-B2241-SUB-6-8	7/23/2018	6-8	11	11,000	<0.41U	5.7	50	0.44J	<0.044U	2500	-	13	-	7.5	14	20,000	2900	280	0.019J	18	790	0.65J	<0.13U	<0.25U	-	17	47

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2241	SSHS-B2241-SUB-8-10	7/23/2018	8-10	14	6700	<0.39U	5.3	55	0.28J	0.086J	18,000	-	9.9	-	5.5J	21	15,000	3700	350	<0.0083U	19	670	<0.59U	<0.12U	<0.24U	-	11	62
SSHS-B2242	SSHS-B2242-SUB-10-12	7/23/2018	10-12	50	7800	<0.4U	5.6	96	0.35J	0.13J	43,000	-	19	-	5.9	45	17,000	10,000	450	0.0098J	45	870	<0.6U	<0.12U	<0.25U	-	13	82
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	110	6400	<0.36U	6.4	73	0.28J	0.16J	39,000	-	15	-	6.1	53	18,000	7700	450	0.015J	33	760	<0.55U	<0.11U	<0.22U	-	13	84
SSHS-B2242	SSHS-B2242-SUB-2-4	7/23/2018	2-4	50	7700	<0.38U	6.2	93	0.33J	0.12J	27,000	-	14	-	6.9	42	19,000	7800	350	0.027J	44	690	<0.57U	<0.12U	<0.23U	-	14	83
SSHS-B2242	SSHS-B2242-SUB-4-6	7/23/2018	4-6	110	7700	<0.38U	7.9	200	0.41J	0.25J	27,000	-	22	-	7.8	75	29,000	4800	410	0.047	90	860	0.84J	<0.12U	<0.24U	-	18	120
SSHS-B2242	SSHS-B2242-SUB-6-8	7/23/2018	6-8	130	8300	<0.39U	7.2	220	0.41J	0.35J	37,000	-	19	-	6.7	88	24,000	4500	450	0.041	69	800	<0.59U	<0.12U	<0.24U	-	15	160
SSHS-B2242	SSHS-B2242-SUB-8-10	7/23/2018	8-10	34	10,000	<0.39U	4.3	140	0.45J	0.1J	15,000	-	13	-	6.8	43	17,000	2600	760	0.016J	20	680	<0.59U	<0.12U	<0.24U	-	16	75
SSHS-B2243	SSHS-B2243-SUB-10-12	7/23/2018	10-12	30	7100	<0.39U	6.3	100	0.33J	0.17J	17,000	-	14	-	7	38	19,000	4900	710	0.038	30	710	<0.59U	<0.12U	<0.24U	-	14	100
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	19	6100	<0.37U	5.8	57	0.27J	0.12J	33,000	-	8.7	-	5.1J	24	15,000	7600	440	<0.0085U	14	740	<0.56U	<0.12U	<0.23U	-	11	76
SSHS-B2243	SSHS-B2243-SUB-2-4	7/23/2018	2-4	68	8200	<0.38U	7	180	0.39J	0.18J	31,000	-	13	-	6.9	89	19,000	3200	400	0.035J	28	700	<0.57U	<0.12U	<0.23U	-	15	130
SSHS-B2243	SSHS-B2243-SUB-4-6	7/23/2018	4-6	96	12,000	<0.38U	5	220	0.35J	0.77	46,000	-	24	-	8.2	180	18,000	4500	480	0.04	28	710	<0.58U	<0.12U	<0.24U	-	15	220
SSHS-B2243	SSHS-B2243-SUB-6-8	7/23/2018	6-8	180F2,F1	9100	<0.81U,F1	7.3F2,F1	300F2,F1	0.47J,F2,F1	0.37J,F2,F1	53,000	-	20F1	-	11F2,F1	110F2,F1	21,000F2	4500F1	440	0.051F1	43F1	810	0.9J,F2,F1	<0.13U,F2,F1	<0.25U,F2,F1	-	15F2,F1	140F2,F1
SSHS-B2243	SSHS-B2243-SUB-8-10	7/23/2018	8-10	37	6200	<0.4U	3.3	110	0.28J	1.2	58,000	-	11	-	4.7J	44	12,000	8500	390	0.022J	15	710	<0.6U	<0.12U	<0.24U	-	9.4	710
SSHS-B2244	SSHS-B2244-SUB-10-12	7/23/2018	10-12	73	7000	<0.39U	5.8	77	0.32J	0.13J	21,000	-	15	-	6.7	68	22,000	5300	400	0.02J	32	700	0.77J	<0.12U	<0.24U	-	14	96
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	31	6500	<0.38U	4.8	55	0.28J	0.09J	18,000	-	11	-	6.3	40	20,000	3900	480	0.014J	22	630	<0.57U	<0.12U	<0.23U	-	12	74
SSHS-B2244	SSHS-B2244-SUB-2-4	7/23/2018	2-4	56	7900	<0.39U	8.4	89	0.33J	0.1J	22,000	-	16	-	6.5	46	23,000	5700	390	0.042	42	750	<0.59U	<0.12U	<0.24U	-	16	80
SSHS-B2244	SSHS-B2244-SUB-4-6	7/23/2018	4-6	390	7200	1.1	13	970	0.37J	0.82	7500	-	37	-	8.3	240	44,000	3100	480	0.66	160	700	0.82J	0.13J	<0.23U	-	21	340
SSHS-B2244	SSHS-B2244-SUB-6-8	7/23/2018	6-8	200	7100	<0.4U	6.2	190	0.34J	0.34J	11,000	-	24	-	6.4	130	21,000	3300	410	0.12	45	680	<0.61U	<0.12U	<0.25U	-	13	180
SSHS-B2244	SSHS-B2244-SUB-8-10	7/23/2018	8-10	140	6900	<0.44U	5.6	110	0.32J	0.12J	4500	-	15	-	6.9	98	21,000	2200	450	0.081	26	710	<0.66U	<0.13U	<0.27U	-	12	110
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	14	11,000F2	<0.39U,F1	5.6^	66	0.42J	0.12J	5400F1	-	14	-	8.6	22	21,000	4100F1	470F2	0.018J	21	690	<0.59U	<0.12U	<0.24U	-	14	130F1
SSHS-B2245	SSHS-B2245-SUB-10-12	7/24/2018	10-12	5.8	5800	<0.35U	3.5^	46	0.18J	0.081J	42,000	-	15	-	4.8J	28	13,000	7600	420	<0.0077U	17	620	<0.54U	<0.11U	<0.22U	-	7.9	79
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	5.9	4800	<0.35U	3.1^	35	0.15J	0.074J	37,000	-	17	-	3.8J	20	11,000	4500	530	<0.0077U	15	480J	<0.53U	<0.11U	<0.21U	-	6.3	72
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	90	10,000	<0.38U	7.5^	140	0.41J	0.3J	34,000	-	86	-	7.6	77	21,000	4500	530	0.14	90	770	0.75J	<0.12U	<0.24U	-	18	220
SSHS-B2245	SSHS-B2245-SUB-4-6	7/24/2018	4-6	10	6400	<0.38U	5^	40	0.25J	0.12J	47,000	-	12	-	5.7	28	15,000	11,000	410	<0.0077U	28	670	<0.57U	<0.12U	<0.23U	-	9.5	130
SSHS-B2245	SSHS-B2245-SUB-6-8	7/24/2018	6-8	10	6000	<0.36U	4.5^	36	0.23J	0.14J	40,000	-	28	-	5.1J	32	14,000	11,000	420	<0.0079U	20	670	0.85J	<0.11U	<0.22U	-	9.9	130
SSHS-B2245	SSHS-B2245-SUB-8-10	7/24/2018	8-10	10	5100	<0.38U	4^	49	0.17J	0.089J	43,000	-	20	-	4.4J	28	12,000	12,000	440	<0.0076U	24	610	<0.57U	<0.12U	<0.23U	-	7.9	110
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	56	7700	1J	5.4^	79	0.35J	<0.041U	15,000	-	14	-	7.1	86	21,000B	3200	750	0.095	22	680B	<0.59U	<0.12U	0.27J	-	16	140
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	87	9200	1J	6.3^	88	0.51	<0.04U	6800	-	18	-	9.7	130	27,000B	2600	480	0.15	36	670B	<0.57U	<0.12U	0.37J	-	19	240
SSHS-B23	B23439	5/9/2000	1-4	16.2N*	-	-	<4.3N*	68.1	<0.63U	<0.63U	-	-	11.1	-	-	39.7N*	-	-	-	<0.06UN	17.5N	-	<0.63U	<1.3U	-	-	-	67.2N
SSHS-B23	B23440	5/9/2000	4-8	201N*	-	-	13N*	307	<0.59U	<0.59U	-	-	18.6	-	-	163N*	-	-	-	0.23N	85.3N	-	0.79	<1.2U	-	-	-	200N
SSHS-B23	B23441	5/9/2000	8-12	24.6N*	-	-	7.2N*	224	0.95	<0.62U	-	-	17.3	-	-	12.8N*	-	-	-	<0.06UN	25N	-	0.67	<1.2U	-	-	-	63.4N
SSHS-B24	B23401T2	7/11/2000	2-2.5	307*	-	-	21.2	471N*	0.696	<0.55U	-	-	16.6	-	-	195	-	-	-	<0.06U	80.9N	-	1	<1.1U	-	-	-	77
SSHS-B24	B23401T2-1	7/27/2000	2-2.5	274*	-	-	25.6*	222N*	1	<0.56U	-	-	14.7N	-	-	169	-	-	-	<0.06U	70.6N	-	2.9	<1.1U	-	-	-	87.8N
SSHS-B24	B23438	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-B25	B23436	5/9/2000	1-4	20.5N*	-	-	4.7N*	43.3	<0.52U	<0.52U	-	-	9.6	-	-	28N*	-	-	-	<0.05UN	18N	-	<0.52U	<1U	-	-	-	110N
SSHS-B25	B23437	5/9/2000	8-12	<9.2N*	-	-	8.4N*	26.6	<0.59U	<0.59U	-	-	<7.6U	-	-	33.7N*	-	-	-	<0.05UN	<20.4N*	-	<0.6U	<1.2U	-	-	-	60.5N
SSHS-B26	B23426	5/8/2000	4-6	14.8*	-	-	3.6N	40.3	<0.5U	<0.5U	-	-	10.8	-	-	25.4*	-	-	-	<0.05U	22.4*	-	<0.5U	<1U	-	-	-	<54.1U
SSHS-B2618	SSHS-B2618-SUB-10-12	5/17/2019	10-12	44	5700	<0.37U	4	62	0.23J	0.16J	23,000	-	32	-	3.8J	280	12,000	5100	230	0.015J	22	510J	<0.57U	<0.12U	<0.35U	-	7.2	130
SSHS-B2618	SSHS-B2618-SUB-2-4	5/17/2019	2-4	97	7300	0.75J	5.5	150	0.32J	0.28J	11,000	-	27	-	5.9	82	18,000	3000	370	0.086	48	710	<0.59U	<0.12U	<0.37U	-	13	190
SSHS-B2618	SSHS-B2618-SUB-4-6	5/17/2019	4-6	250	7900	0.99J	7.1	240	0.38J	0.58	26,000	-	57	-	7.3	280	25,000	5400	490	0.083	92	800	<0.59U	<0.12U	<0.37U	-	15	250
SSHS-B2618	SSHS-B2618-SUB-6-8	5/17/2019	6-8	91	7800	0.69J	8.1	120	0.37J	0.38J	29,000	-	82	-	6.8	250	20,000	6800	520	0.043	66	700	0.67J	<0.13U	<0.39U	-	13	400
SSHS-B2618	SSHS-B2618-SUB-8-10	5/17/2019	8-10	18	5900	<0.35U	5	49	0.22J	0.19J	42,000	-	38	-	4.8J	360	14,000	14,000	440	0.024J	52	600	0.62J	<0.11U	<0.33U	-	9	220
SSHS-B2625	SSHS-B2625-SUB-10-12	5/16/2019	10-12	5.3	4400	<0.35U	4.3	31	0.18J	0.11J	56,000	-	6.8	-	4J	20B	10,000	8100	400	<0.015U	11	670	0.85J	<0.11U	<0.33U	-	9.4	56
SSHS-B2625	SSHS-B2625-SUB-6-8	5/16/2019	6-8	13	8000	<0.37U	7	66	0.37J	0.17J	2900	-	13	-	6	31B	20,000	2200	790	<0.016U	19	770	<0.57U	<0.12U	<0.35U	-	17	190
SSHS-B2625	SSHS-B2625-SUB-8-10	5/16/2019	8-10	21	7000	0.39J	6.8	61	0.3J	0.24J	9300	-	11	-	6	31B	17,000	3100	600	<0.015U	18	790	<0.55U	<0.11U	<0.34U	-	13	160
SSHS-B2629	SSHS-B2629-SUB-2-4	4/25/2019	2-4	140	6700	0.66J	6.4	160	0.35J	0.15J	8700	-	12	-	6.3	48	21,000	2100	480	0.1	38	600	<0.56U	<0.11U	<0.35U	-	13	72
SSHS-B2646	SSHS-B2646-SUB-4-6	5/19/2019	4-6	130	8300	0.96J	9.3	130	0.42J	0.19J	9800	-	14	-	6.8	50	22,000	3200	510	0.15	29	780	<0.63U	<0.13U	<0.39U	-	15	100
SSHS-B2649	SSHS-B2649-SUB-0.17-2	5/17/2019	0.17-2	110	9900	<0.39U	7.5	150	0.48	0.17J	7000	-	13	-	8.2	24	20,000	3100	500	0.12	19	790	<0.59U	<0.12U	<0.37U	-	15	71
SSHS-B2676	SSHS-B2676-SUB-8-10	5/16/2019	8-10	17	6800	<0.39U	4.9	92	0.24J	0.056J	1300	-	8.2	-	5.2J	25	15,000	1900	550	<0.016U	12	570	<0.59U	<0.12U	<0.37U	-	9.6	49
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	120	9000	1.1J	10	160	0.51	0.4J	6700	-	23	-	11	150	36,000	2700	560	0.2	44	890	0.71J	<0.12U	<0.38U	-	18	160
SSHS-B2698	SSHS-B2698-SUB-2-4	5/14/2019	2-4	63	9800	0.51J	6.3	110	0.41J	0.16J	6000	-	15	-	8.2	52	21,000	3000	470	0.017J	62	660	<0.56U	<0.11U	<0.35U	-	15	88
SSHS-B2698	SSHS-B2698-SUB-4-6	5/14/2019	4-6	35,000F2	8000	<22U,F2	11	720F2	0.36J	0.8	27,000	-	15	-	7	74	33,000F2	2100	560F2	0.086F1,F2	70F1	1000	1.4	0.2J	<0.41U	-	18	220F2
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	25	9100	<0.22U	7.8	110	<0.42J	<0.11J	21,000	-	12	-	7.5	23	19,000	3800	410	<0.024J	31	730	<0.46J	<0.045U	<0.16U	-	13	61B
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	5.3	5000	<0.56J	6.6	53	<0.2J	<0.015U	47,000	-	7.1	-	<4.7J	23	13,000B	12,000	480	<0.011U	18	550B	<0.7J	<0.044U	<0.16U	-	8.7	49B
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	69	6700	<0.22U	16	130	<0.3J	<0.11J	23,000	-	18	-	7	66	29,000	4600	430	<0.02J	65	600	<0.64J	<0.044U	<0.23J	-	16	90B
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	6.7	5700	<0.19U	6.1	82	<0.23J	<0.045J	45,000	-	11	-	5.5	28	14,000	8600	420	<0.011U	47	630	<0.26U	<0.039U	<0.14U	-	11	49B
SSHS-B27	B23427	5/8/2000	2-3	<102*	-	-	2.6N	<135U	<0.52U	<0.52U	-	-	7.5	-	-	30.3*	-	-	-	<0.05U	<43.7*	-	<0.52U	<1U	-	-	-	59.4
SSHS-B2700	SSHS-B2700-SUB-8-10	5/17/2019	8-10	240	3000	0.81J	3.8	120	0.15J	1.9	27,000	-	19	-	2.9J	110	19,000	1400	410	<0.013U	15	530J	0.63J	<0.13U	<0.38U	-	6	570
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	31	9800	<0.4U	8	100	0.62	0.17J	2600	-	13	-	8.3	23B	20,000	2500	600	0.038	20	910	<0.61U	<0.12U	<0.38U	-	18	83
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	47	9800	1.3	7.6	110	0.51	0.17J	22,000	-	13	-	7.9	43B	22,000	3500	460	0.81	25	980	<0.64U	<0.13U	<0.4U	-	16	83
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	59	10,000	0.8J	7.4	94	0.47	0.16J	11,000	-	14	-	8.2	40B	21,000	3500	530	0.62	22	890	<0.59U	<0.12U	<0.37U	-	16	89

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	40	10,000	0.61J,F1	7.2	93	0.47J	0.14J	8300F1	-	14	-	8.7	30B	22,000F2	3500	510	0.35F1,F2	21	920	<0.62U	<0.13U	<0.38U	-	16	79
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	20	11,000	<0.41U	7.5	110	0.53	0.17J	2400	-	14	-	9.3	16	20,000	2900	600	<0.018U	20	1100	<0.62U	<0.13U	<0.39U	-	15	65
SSHS-B2708	SSHS-B2708-SUB-6-8	5/21/2019	6-8	12	8500	<0.38U	4.4	56	0.34J	0.08J	1500	-	9.8	-	6.6	16	15,000	2100	420	0.038	15	520J	<0.57U	<0.12U	<0.35U	-	12	58
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	46	8100	0.93J	7.5	97	0.41J	0.17J	11,000	-	12	-	7.2	62	23,000	3600	420	0.26	19	720	0.7J	<0.11U	<0.35U	-	14	91
SSHS-B2709	SSHS-B2709-SUB-4-6	5/20/2019	4-6	42	5300	1.2	8.2	61	0.4J	0.098J	4700	-	16	-	6.5	41	23,000	1300	530	0.032	15	910	<0.62U	<0.13U	<0.39U	-	21	49
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	45	11,000	0.84J	7.8	91	0.49	0.18J	3200	-	20	-	8.7	39B	22,000	3300	490	0.063	23	1000	<0.6U	<0.12U	<0.37U	-	17	88
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	27	13,000	<0.44U	8	110	0.62	0.13J	2500	-	15	-	11	28	23,000	3300	610	0.12	24	1000	<0.66U	<0.14U	<0.41U	-	18	68
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	47	10,000	<0.43U	7	90	0.46J	0.16J	2100	-	16	-	8.6	27	20,000	2900	510	0.063	18	720	<0.65U	<0.13U	<0.4U	-	15	81
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	52	9700	<0.43U	9.5	110	0.5	0.22J	3500	-	20	-	8.2	26	23,000	3000	560	0.13	19	760	<0.65U	<0.13U	<0.4U	-	16	95
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	24	11,000	0.41J	7.4	120	0.57	0.19J	2800	-	20	-	9.7	18	21,000	3200	530	0.048	21	1200	<0.61U	<0.13U	<0.38U	-	15	67
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	120	9000	<0.43U	7.5	130	0.43J	0.26J	2800	-	16	-	6.4	47	17,000	2100	540	0.1	15	720	<0.65U	<0.13U	<0.4U	-	14	95
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	15	13,000	<0.45U	7.7	120	0.64	0.17J	2200	-	18	-	11	16	23,000	3400	600	0.052	23	1200	<0.68U	<0.14U	<0.43U	-	17	62
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	150	6400	1.5	11	240	0.51	0.46J	6200	-	22	-	7.4	130	40,000	1900	440	0.25	57	610	0.96J	<0.13U	<0.39U	-	17	160
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	84	9100	0.6J	8.5	200	0.47	0.3J	18,000	-	16	-	7.5	53	23,000	3700	470	0.12	29	930	<0.61U	<0.12U	<0.38U	-	16	130
SSHS-B2718	SSHS-B2718-SUB-10-12	5/16/2019	10-12	20	7100	<0.4U	7.7	68	0.3J	0.22J	12,000	-	13	-	6.1	250B	26,000	2900	860	<0.016U	20	690	<0.61U	<0.12U	<0.38U	-	12	120
SSHS-B2718	SSHS-B2718-SUB-2-4	5/16/2019	2-4	97	9600	<0.41U	5.2	180	0.36J	0.39J	83,000	-	20	-	5.5J	750	15,000	6400	390	0.086	30	1100	1.1J	<0.13U	<0.39U	-	13	170
SSHS-B2718	SSHS-B2718-SUB-4-6	5/16/2019	4-6	260	9700	7.8	5.4	180	0.38J	0.39J	44,000	-	25	-	6.2	460	18,000	4300	580	0.05	50	880	0.6J	<0.12U	<0.35U	-	14	210
SSHS-B2718	SSHS-B2718-SUB-6-8	5/16/2019	6-8	66	8300	0.41J	5.4	120	0.31J	0.26J	52,000	-	22	-	5.4	410B	16,000	10,000	380	0.039	23	770	0.88J	<0.11U	<0.35U	-	12	150
SSHS-B2718	SSHS-B2718-SUB-8-10	5/16/2019	8-10	13	10,000	<0.4U	6.3	66	0.43J	0.12J	52,000	-	17	-	6.3	370B	17,000	4400	480	<0.016U	17	830	0.67J	<0.12U	<0.38U	-	14	56
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	19	8100	<0.4U	7.4	70	0.38J	0.17J	15,000	-	13	-	8.6	27	20,000	3200	500	0.015J	23	750	<0.61U	<0.13U	<0.38U	-	14	80
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	25	6400	<0.37U	4.9	59	0.27J	0.21J	75,000	-	9	-	5.6	29	15,000	6500	430	0.02J	26	610	1J	<0.11U	<0.35U	-	9.5	66
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	42	4700	<0.39U	4.2	83	0.2J	0.24J	47,000	-	13	-	4.7J	40	13,000	3600	300	0.019J	41	480J	0.84J	<0.12U	<0.37U	-	14	78
SSHS-B2734	SSHS-B2734-SUB-0.17-2	5/18/2019	0.17-2	300	7400	1J	17	2500	0.44J	1	9000	-	36	-	13	140	35,000	2400	580	0.14	2600	660	0.81J	<0.13U	<0.41U	-	15	580
SSHS-B2734	SSHS-B2734-SUB-2-4	5/18/2019	2-4	240	1300	<2.1U	4.5	12,000	0.088J	0.93	5600	-	29	-	6.3	150	140,000	1400	1400	0.14	380	230J	1.5	<0.13U	0.95J	-	<4.2U	250
SSHS-B2739	SSHS-B2739-SUB-4-6	5/18/2019	4-6	86F2,F1	9400	0.62J,F1	5.7	82	0.4J	0.065J	11,000F1	-	11	-	5.5J	14	17,000	2000	300	0.024J,F1,F2	14	630	<0.59U	<0.12U	<0.37U	-	13	51F1
SSHS-B2740	SSHS-B2740-SUB-6-8	5/18/2019	6-8	77	7800	0.64J	5.9	110	0.35J	0.12J	30,000	-	13	-	5.8	31	21,000	2500	400	<0.017U	20	690	0.63J	<0.12U	<0.37U	-	12	60
SSHS-B2741	SSHS-B2741-SUB-10-12	4/24/2019	10-12	170	6800	0.57J	6.1	250	0.3J	0.15J	22,000	-	11	-	6.1	62	19,000	5300	400	0.031J	63	660	<0.58U	<0.12U	<0.36U	-	11	76
SSHS-B2742	SSHS-B2742-SUB-10-12	4/25/2019	10-12	77	6300	<0.35U	4.8	160	0.26J	0.13J	56,000	-	9.1	-	6.2	34	18,000	6500	480	0.033	28	590	1.1	<0.11U	<0.33U	-	10	57
SSHS-B2743	SSHS-B2743-SUB-10-12	4/24/2019	10-12	5700	7900	4.8J	6.7	260	0.33J	0.31J	41,000	-	15	-	6.8	100	22,000	9300	620	0.052	67	750	1.1	<0.12U	<0.37U	-	12	140
SSHS-B2744	SSHS-B2744-SUB-4-6	5/15/2019	4-6	140	10,000	0.44J	6.7	85	0.43J	0.38J	7600	-	13	-	8.7	28	29,000	2300	610	0.56	18	680	0.63J	<0.13U	<0.39U	-	16	160
SSHS-B2745	SSHS-B2745-SUB-10-12	4/24/2019	10-12	280	7600	0.46J	6.2	150	0.34J	0.16J	42,000	-	14	-	7.1	85	18,000	8300	520	0.032J	47	700	0.99J	<0.11U	<0.35U	-	15	83
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	15	10,000	<0.41U	6.7	120	0.53	1.1	4100	-	13	-	9.3	16	20,000	3000	560	0.05	22	980	<0.62U	<0.13U	<0.39U	-	14	64
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	12	5300	<0.36U	4.6	67	0.24J	0.15J	87,000	-	7.6	-	5.1J	21	14,000	9000	530	0.034	14	600	1.2	<0.11U	<0.34U	-	8.4	60
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	16	6300	<0.36U	5.8	82	0.26J	0.21J	18,000	-	9.8	-	5.8	22	18,000	4800	340	0.052	15	650	0.57J	<0.11U	<0.34U	-	13	120
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	52	8000	<0.37U	5.8	240	0.37J	0.14J	7700	-	11	-	6.2	28	23,000	3000	680	0.049	19	650	<0.55U	<0.11U	<0.34U	-	13	96
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	94	8400	<0.39U	8.8	940	0.39J	0.5J	13,000	-	13	-	6.6	41	22,000	3100	510	0.081	28	750	0.59J	<0.12U	<0.37U	-	15	160
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	35	6000	<0.36U	4.2	110	0.24J	1.5	3000	-	7.1	-	4J	18	13,000	1500	390	0.048	11	380J	<0.55U	<0.11U	<0.34U	-	8.6	1200
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	45	7900	<0.37U	6.6	120	0.34J	0.28J	3900	-	13	-	7.3	24	19,000	2500	950	0.053	18	770	<0.56U	<0.11U	<0.35U	-	13	140
SSHS-B2747	SSHS-B2747-SUB-10-12	4/23/2019	10-12	37	8100	<0.38U	6.1	85	0.36J	0.12J	18,000	-	11	-	6.3	40	21,000	6800	520	0.015J	20	670	0.67J	<0.12U	<0.36U	-	12	75
SSHS-B2747	SSHS-B2747-SUB-12-14	4/23/2019	12-14	17	7200	<0.39U	5.2	67	0.3J	0.11J	46,000	-	9	-	6.2	22	17,000	17,000	540	<0.016U	16	810	0.83J	<0.12U	<0.37U	-	11	55
SSHS-B2747	SSHS-B2747-SUB-2-4	4/23/2019	2-4	66	7200	<0.4U	7.9	110	0.36J	0.12J	26,000	-	13	-	6.5	44	20,000	7000	400	0.025J	26	730	0.79J	<0.12U	<0.37U	-	14	65
SSHS-B2747	SSHS-B2747-SUB-6-8	4/23/2019	6-8	22	7800	<0.37U	5.6	58	0.29J	0.091J	19,000	-	10	-	5.8	30	18,000	2700	360	0.019J	17	600	<0.55U	<0.11U	<0.34U	-	12	62
SSHS-B2747	SSHS-B2747-SUB-8-10	4/23/2019	8-10	17	7500	<0.38U	5.8	68	0.32J	0.094J	5900	-	9.7	-	5.9	23	18,000	3700	550	<0.019U	16	700	<0.58U	<0.12U	<0.36U	-	12	73
SSHS-B2748	SSHS-B2748-SUB-0.17-2	4/23/2019	0.17-2	68	7200	<0.38U,F1	7.8	110	0.39J	0.16J	16,000F1	-	15	-	7.1	140F1	29,000F2	5800F1	510F2	0.032J	150F1	920	0.74J	<0.12U	<0.36U	-	12	72
SSHS-B2748	SSHS-B2748-SUB-10-12	4/23/2019	10-12	9.5	7200	<0.4U	4.6	60	0.32J	0.087J	5400	-	9.4	-	6.1	17	17,000	3500	470	0.013J	16	610	<0.6U	<0.12U	<0.37U	-	11	51
SSHS-B2748	SSHS-B2748-SUB-12-14	4/23/2019	12-14	10	6700	<0.37U	6.1	56	0.3J	0.075J	13,000	-	9	-	5.5	22	17,000	5800	630	<0.016U	16	650	<0.55U	<0.11U	<0.35U	-	11	50
SSHS-B2748	SSHS-B2748-SUB-2-4	4/23/2019	2-4	630	8900	<0.4U	4.7	210	0.4J	0.13J	11,000	-	12	-	5.8J	27	18,000	4800	860	0.055	19	680	<0.61U	<0.12U	<0.38U	-	13	67
SSHS-B2748	SSHS-B2748-SUB-4-6	4/23/2019	4-6	20	8300	<0.37U	6.2	81	0.35J	0.093J	6700	-	12	-	6.4	24	19,000	4400	400	0.017J	17	650	<0.55U	<0.11U	<0.34U	-	14	53
SSHS-B2748	SSHS-B2748-SUB-6-8	4/23/2019	6-8	11	8500	<0.37U	5.8	90	0.35J	0.084J	2500	-	12	-	6.7	28	20,000	3100	540	<0.015U	17	610	<0.56U	<0.11U	<0.35U	-	13	53
SSHS-B2748	SSHS-B2748-SUB-8-10	4/23/2019	8-10	18	10,000	<0.52U	7.7	100	0.45J	0.12J	29,000	-	13	-	7.9	30	24,000	19,000	850	<0.024U	23	900	<0.79U	<0.16U	<0.49U	-	15	77
SSHS-B2749	SSHS-B2749-SUB-0.17-2	4/23/2019	0.17-2	63F1	7700	0.44J,F1	6.5	140	0.38J	0.26J	10,000F1,F2	-	12	-	6.7	42F1	19,000F2	3600	420F2	0.045	33	800	<0.57U	<0.12U	<0.35U	-	13	87F1,F2
SSHS-B2749	SSHS-B2749-SUB-10-12	4/23/2019	10-12	160	6200	<0.39U	5.6	60	0.24J	0.1J	36,000	-	8.5	-	5.9	22	16,000	11,000	640	<0.015U	15	720	0.59J	<0.12U	<0.37U	-	11	52
SSHS-B2749	SSHS-B2749-SUB-12-14	4/23/2019	12-14	17	7800	<0.39U	5.8	88	0.31J	0.11J	26,000	-	11	-	6.7	24	17,000	6200	510	<0.015U	18	840	0.68J	<0.12U	<0.37U	-	12	60
SSHS-B2749	SSHS-B2749-SUB-2-4	4/23/2019	2-4	160	7600	0.46J	5.4	150	0.31J	0.21J	32,000	-	9.9	-	6.1	42	17,000	5500	400	0.04J	20	700	0.83J	<0.12U	<0.35U	-	11	71
SSHS-B2749	SSHS-B2749-SUB-4-6	4/23/2019	4-6	43	8400	0.38J	6.6	160	0.37J	0.16J	18,000	-	11	-	7	45	22,000	5100	590	0.035	23	690	<0.57U	<0.12U	<0.36U	-	13	93
SSHS-B2749	SSHS-B2749-SUB-6-8	4/23/2019	6-8	170	8600	<0.39U	6.5	150	0.37J	0.12J	12,000	-	11	-	7.2	37	20,000	3400	460	0.049	24	700	<0.58U	<0.12U	<0.36U	-	13	76
SSHS-B2749	SSHS-B2749-SUB-8-10	4/23/2019	8-10	17	6900	<0.38U	6	59	0.31J	0.11J	3300	-	12	-	6.3	26	18,000	2600	530	0.018J	18	670	0.61J	<0.12U	<0.36U	-	11	61
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	39	9100	0.48J	7.4	110	0.43J	0.12J	4600	-	14	-	7.6	38	21,000	2600	470	0.05	28	910	<0.62U	<0.13U	<0.39U	-	15	67
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	7.3	6900	<0.38U	4.4	43	0.26J	0.081J	29,000	-	8.9	-	6.8	21	17,000	12,000	400	<0.013U	16	650	0.64J	<0.12U	<0.36U	-	12	58
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	8.8	7400	<0.37U	5.3	46	0.27J	0.086J	26,000	-	9.9	-	6	19	17,000	5800	410	<0.012U	15	700	0.88J	<0.12U	<0.35U	-	11	54
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	17	8100	<0.37U	6.2	130	0.47	0.07J	2200	-	11	-	5.4	21	20,000	1300	720	0.028J	14	590	0.79J	<0.11U	<0.35U	-	16	43

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	14	9400	<0.39U	5.6	86	0.4J	0.058J	1600	-	12	-	6.5	22	20,000	2100	610	0.019J	15	600	<0.59U	<0.12U	<0.37U	-	16	56
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	15	10,000	<0.39U	7.2	69	0.44J	0.061J	1300	-	13	-	9.1	18	22,000	3000	390	<0.018U	20	910	<0.59U	<0.12U	<0.37U	-	16	61
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	16	8500	<0.38U	5.3	57	0.32J	0.084J	1000	-	10	-	6.7	25	19,000	2400	620	<0.014U	17	590	<0.58U	<0.12U	<0.36U	-	12	74
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	20	9400	<0.4U	6	95	0.44J	0.17J	9700	-	12	-	7.9	20	19,000	4600	500	0.038J	27	850	<0.6U	<0.12U	<0.37U	-	13	64
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	95	6400	<0.38U	6.1	190	0.28J	0.16J	26,000	-	15	-	5.3J	57	19,000	4600	370	0.045	81	690	0.66J	<0.12U	<0.36U	-	14	73
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	120	7000	<0.38U	5.9	150	0.31J	0.2J	36,000	-	14	-	6.5	44	21,000	5600	490	0.036	120	700	1.1	<0.12U	<0.35U	-	12	74
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	39	8900	<0.37U	7.3	78	0.37J	0.11J	11,000	-	18	-	7.4	37	21,000	3700	600	0.032J	24	750	<0.56U	<0.11U	<0.35U	-	13	65
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	34	8000	<0.4U	5.8	80	0.34J	0.11J	19,000	-	13	-	6.2	27	18,000	4900	450	0.043	20	700	0.7J	<0.12U	<0.38U	-	13	63
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	37	6200	<0.38U	5.4	83	0.26J	0.13J	15,000	-	14	-	6.2	39	20,000	3700	420	0.037	240	700	<0.58U	<0.12U	<0.36U	-	11	56
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	36	5300	<0.37U	5.7	66	0.23J	0.12J	23,000	-	12	-	5.9	40	19,000	4500	410	0.039	350	680	<0.55U	<0.11U	<0.34U	-	10	49
SSHS-B2752	SSHS-B2752-SUB-4-6	4/24/2019	4-6	50	7200	<0.41U	7.6	82	0.37J	0.11J	8900	-	11	-	6.1	48	19,000	2400	400	0.048	25	570J	0.73J	<0.13U	<0.38U	-	12	79
SSHS-B2752	SSHS-B2752-SUB-6-8	4/24/2019	6-8	37	7200	0.53J	6.1	74	0.35J	0.14J	42,000	-	14	-	6.6	71	19,000	3900	440	0.09	25	610	0.87J	<0.12U	<0.37U	-	12	73
SSHS-B2753	SSHS-B2753-SUB-10-12	4/23/2019	10-12	53	8700	0.38J	6.3	110	0.36J	0.09J	8500	-	12	-	7	24	21,000	3900	510	<0.016U	18	690	<0.57U	<0.12U	<0.35U	-	13	54
SSHS-B2753	SSHS-B2753-SUB-12-14	4/23/2019	12-14	11	6600	<0.38U	4.6	46	0.27J	0.098J	20,000	-	8.7	-	5.7	21	16,000	5000	440	<0.015U	15	680	<0.58U	<0.12U	<0.36U	-	10	52
SSHS-B2753	SSHS-B2753-SUB-6-8	4/23/2019	6-8	14	8000	<0.37U	6	68	0.33J	0.11J	12,000	-	9.9	-	7	23	19,000	5000	640	<0.014U	18	680	<0.57U	<0.12U	<0.35U	-	12	63
SSHS-B2753	SSHS-B2753-SUB-8-10	4/23/2019	8-10	31	12,000	<0.47U	8.1	130	0.46J	0.082J	3900	-	16	-	9.5	37	30,000	3900	540	<0.018U	24	830	<0.71U	<0.15U	<0.44U	-	17	69
SSHS-B2765	SSHB-B2765-SUB-8-10	4/25/2019	8-10	50	8900	<0.37U	6.7	110	0.36J	0.29J	61,000	-	15	-	6.7	32	23,000	6800	410	0.054	21	960	1.2	<0.12U	<0.35U	-	13	64
SSHS-B2765	SSHS-B2765-SUB-2-4	4/25/2019	2-4	98	8000	0.74J	8.3	130	0.38J	0.42J	11,000	-	17	-	6.7	100	26,000	4700	440	0.032J	28	750	<0.6U	<0.12U	<0.38U	-	15	160
SSHS-B2765	SSHS-B2765-SUB-4-6	4/25/2019	4-6	100	8000	0.54J	8.2	230	0.39J	0.24J	24,000	-	14	-	6.3	98	19,000	4300	400	0.074	34	840	1J	<0.12U	<0.36U	-	14	96
SSHS-B2765	SSHS-B2765-SUB-6-8	4/25/2019	6-8	83	7600	<0.38U	6.9	120	0.35J	0.32J	55,000	-	14	-	5.9	32	24,000	8900	400	0.056	21	890	1.1	<0.12U	<0.35U	-	13	64
SSHS-B2765A	SSHS-B2765A-SUB-10-12	4/27/2019	10-12	59	7100	0.39J	8.3	67	0.36J	0.14J	7200	-	8	-	5.6J	29	17,000	2000	490	0.027J	16	740	<0.58U	<0.12U	<0.36U	-	12	70
SSHS-B2765A	SSHS-B2765A-SUB-12-14	4/27/2019	12-14	100	7500	<0.37U	6.4	94	0.3J	0.49J	50,000	-	11	-	5.3J	35	20,000	4800	680	0.1	26	640	0.92J	<0.11U	<0.35U	-	12	99
SSHS-B2767	SSHS-B2767-SUB-10-12	4/23/2019	10-12	10	7700	<0.37U	7.4	67	0.33J	0.11J	18,000	-	10	-	7	31	19,000	3800	470	<0.017U	18	760	<0.56U	<0.12U	<0.35U	-	14	70
SSHS-B2767	SSHS-B2767-SUB-12-14	4/23/2019	12-14	14	7000	<0.38U	5.3	65	0.28J	0.13J	56,000	-	10	-	6.2	25	18,000	10,000	490	<0.016U	34	700	1.2	<0.12U	<0.36U	-	11	64
SSHS-B2767	SSHS-B2767-SUB-2-4	4/23/2019	2-4	30	8600	<0.37U,F1	5.8	85	0.36J	0.12J	27,000F2	-	15	-	7.1	27	19,000	6300F1	480	0.02J	23	720	0.91J	<0.11U	<0.35U	-	14	73F1
SSHS-B2767	SSHS-B2767-SUB-4-6	4/23/2019	4-6	230	8300	5.6	8.2	320	0.35J	0.41J	39,000	-	17	-	7.8	35	24,000	4700	440	0.069	26	850	0.59J	<0.12U	<0.35U	-	13	160
SSHS-B2767	SSHS-B2767-SUB-6-8	4/23/2019	6-8	31	8700	<0.37U	5.6	190	0.33J	0.14J	16,000	-	13	-	7.4	24	21,000	4400	920	0.038	20	820	0.65J	<0.12U	<0.35U	-	13	76
SSHS-B2767	SSHS-B2767-SUB-8-10	4/23/2019	8-10	21	7800	<0.39U	5.7	100	0.3J	0.11J	11,000	-	11	-	6.2	24	18,000	4200	450	0.018J	17	760	<0.59U	<0.12U	<0.37U	-	14	69
SSHS-B2771	SSHS-B2771-SUB-10-12	5/13/2019	10-12	7	5500F2	<0.37U,F1	2.9	220F2,F1	0.17J	0.098J	31,000F2	-	8.1	-	5J	19	12,000F2	6300	340	<0.012U,F1	13	1200	<0.56U	<0.11U	<0.35U	-	11	53F2,F1
SSHS-B2771	SSHS-B2771-SUB-6-8	5/13/2019	6-8	72	7500	<0.4U	5.7	79	0.33J	0.099J	47,000	-	10	-	5.1J	21	13,000	4200	520	<0.016U	14	750	1.1J	<0.12U	<0.37U	-	11	47
SSHS-B2771	SSHS-B2771-SUB-8-10	5/13/2019	8-10	10	5700	<0.38U	4	39	0.22J	0.12J	42,000	-	8.3	-	5.2J	23	13,000	5300	400	<0.015U	15	550J	<0.57U	<0.12U	<0.36U	-	10	90
SSHS-B2772	SSHS-B2772-SUB-6-8	5/13/2019	6-8	12	5900	<0.36U	6.3	84	0.24J	0.09J	55,000	-	8.3	-	5.3	24B	14,000	7300	360	<0.013U	14	620	0.57J	<0.11U	<0.34U	-	9.5	52
SSHS-B2772	SSHS-B2772-SUB-8-10	5/13/2019	8-10	16	6100	<0.38U	6.9	95	0.24J	0.13J	43,000	-	12	-	5.6	39B	15,000	5900	400	<0.016U	15	740	0.67J	<0.12U	<0.36U	-	10	63
SSHS-B2773	SSHS-B2773-SUB-6-8	5/13/2019	6-8	9.8	4600	<0.37U	17	54	0.24J	0.14J	65,000	-	8.5	-	5J	31B	12,000	9600	380	<0.016U	18	560	1.2	<0.12U	<0.35U	-	8.7	110
SSHS-B2773	SSHS-B2773-SUB-8-10	5/13/2019	8-10	9.7	5400	<0.37U	12	56	0.27J	0.12J	40,000	-	9.4	-	4.8J	31B	13,000	11,000	390	<0.011U	15	610	0.58J	<0.12U	<0.35U	-	8.5	60
SSHS-B2774	SSHS-B2774-SUB-6-8	5/13/2019	6-8	6.2	5000	<0.38U	5.9	53	0.19J	0.089J	43,000	-	7.9	-	4.3J	31B	12,000	10,000	390	<0.011U	11	540J	<0.57U	<0.12U	<0.36U	-	8.6	52
SSHS-B2774	SSHS-B2774-SUB-8-10	5/13/2019	8-10	5.2	4200	<0.36U	21	46	0.17J	0.066J	32,000	-	6.3	-	3.8J	21B	10,000	6100	250	<0.01U	10	490J	<0.54U	<0.11U	<0.34U	-	6.5	49
SSHS-B2776	SSHS-B2776-SUB-2-4	5/19/2019	2-4	84	6700	0.62J	7.2	120	0.43J	0.11J	21,000	-	9.3	-	4.9J	17	18,000	2100	200	0.055	13	1100	<0.65U	<0.13U	<0.4U	-	13	37
SSHS-B2776	SSHS-B2776-SUB-4-6	5/19/2019	4-6	84	7300	0.53J	4.3	95	0.3J	0.063J	5500	-	8.5	-	5.6J	12	15,000	1600	190	<0.02U	14	1300	<0.68U	<0.14U	<0.42U	-	14	27
SSHS-B2777	SSHS-B2777-SUB-2-4	5/19/2019	2-4	3100	9600	<2U	9	120	0.51	0.14J	9400	-	13	-	8.4	32	22,000	3400	510	0.034J	22	930	<0.6U	<0.12U	<0.37U	-	15	83
SSHS-B2777	SSHS-B2777-SUB-4-6	5/19/2019	4-6	8.6	6900	<0.4U	7	43	0.35J	0.073J	1100	-	8.8	-	6.1	20	21,000	1900	470	<0.015U	14	630	<0.6U	<0.12U	<0.38U	-	12	55
SSHS-B2777	SSHS-B2777-SUB-6-8	5/19/2019	6-8	12	8000	0.52J	7.6	72	0.38J	0.048J	1100	-	9.4	-	5.8	22	18,000	1900	360	<0.011U	16	720	<0.6U	<0.12U	<0.37U	-	13	53
SSHS-B2778	SSHS-B2778-SUB-2-4	5/19/2019	2-4	19	11,000	0.66J	7	80	0.44J	0.051J	1200	-	12	-	8.5	17	20,000	2600	570	0.017J	20	890	<0.62U	<0.13U	<0.38U	-	16	57
SSHS-B2778	SSHS-B2778-SUB-4-6	5/19/2019	4-6	20	11,000	<0.41U	7.4	44	0.48J	<0.044U	2100	-	14	-	10	19	21,000	2900	420	<0.012U	18	850	<0.63U	<0.13U	<0.39U	-	16	55
SSHS-B2778	SSHS-B2778-SUB-6-8	5/19/2019	6-8	11	8900	<0.4U	7.5	58	0.45J	0.079J	1500	-	11	-	9.5	22	20,000	2500	610	<0.014U	19	840	<0.61U	<0.12U	<0.38U	-	14	61
SSHS-B2779	SSHS-B2779-SUB-2-4	5/19/2019	2-4	1200	8100	0.8J	6.9	89	0.39J	0.093J	9000	-	10	-	6.3	26	18,000	2400	320	0.032J	17	620	<0.64U	<0.13U	<0.4U	-	13	67
SSHS-B2779	SSHS-B2779-SUB-4-6	5/19/2019	4-6	330	8200	0.5J	6.7	67	0.38J	0.062J	2300	-	10	-	7	27	19,000	2200	510	0.025J	18	710	<0.62U	<0.13U	<0.39U	-	13	65
SSHS-B2779	SSHS-B2779-SUB-6-8	5/19/2019	6-8	99	7400	<0.39U	6.9	46	0.35J	0.093J	1500	-	10	-	6.9	22	18,000	2400	510	<0.014U	19	660	<0.6U	<0.12U	<0.37U	-	12	60
SSHS-B2780	SSHS-B2780-SUB-10-12	5/16/2019	10-12	5.5	5900	<0.38U,F1	3.7	28F1,F2	0.19J	0.14J	54,000F2	-	9	-	5.8	17	14,000	13,000	480	<0.016U,F2	13	710	<0.57U	<0.12U	<0.36U	-	11	50F1
SSHS-B2780	SSHS-B2780-SUB-2-4	5/16/2019	2-4	100	8500	1.4	8.5	110	0.48	0.27J	28,000	-	47	-	7.5	110	34,000	4600	600	0.089	29	900	0.73J	<0.12U	<0.38U	-	20	110
SSHS-B2780	SSHS-B2780-SUB-4-6	5/16/2019	4-6	250	8600	0.58J	6.1	450	0.33J	0.24J	6700	-	13	-	5.5J	37	20,000	2200	400	0.023J	35	670	<0.57U	<0.12U	<0.36U	-	14	150
SSHS-B2780	SSHS-B2780-SUB-6-8	5/16/2019	6-8	16	10,000	0.52J	8	69	0.42J	0.082J	1900	-	12	-	7.6	29	22,000	2500	400	0.04	19	910	<0.6U	<0.12U	<0.37U	-	16	68
SSHS-B2780	SSHS-B2780-SUB-8-10	5/16/2019	8-10	15	6700	<0.36U	5.5	51	0.28J	0.11J	1400	-	9.9	-	5.5	22	16,000	2100	440	<0.015U	14	780	<0.54U	<0.11U	<0.34U	-	12	61
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	2400	7700	3.2J	5.7	230	0.29J	0.14J	9600	-	24	-	5.9	87	25,000	2500	430	0.43	21	700	0.63J	<0.12U	<0.36U	-	12	86
SSHS-B2782	SSHS-B2782-SUB-4-6	5/20/2019	4-6	2800	9300	63	12	180	0.45J	1.5	47,000	-	22	-	8.9	110	27,000	4600	490	0.044	21	940	1J	<0.13U	<0.4U	-	27	1300
SSHS-B2783	SSHS-B2783-SUB-4-6	5/19/2019	4-6	53	5700	0.65J	12	56	0.26J	0.089J	1400	-	16	-	7.4	26	40,000	1400	520	0.57	16	380J	<0.6U	<0.12U	<0.37U	-	26	48
SSHS-B2784	SSHS-B2784-SUB-4-6	5/19/2019	4-6	15	8800	<0.4U,F1	6.5	64	0.39J	0.084J	2700	-	12	-	6.8	23	18,000	2600	460	0.082	16	650	<0.6U	<0.12U	<0.37U	-	13	55F1
SSHS-B2785	SSHS-B2785-SUB-6-8	5/20/2019	6-8	65	6100	10	7	58	0.38J	0.14J	5200	-	15	-	8.6	220	42,000	1300	900	0.12	17	880	<0.62U	<0.13U	<0.39U	-	25	85
SSHS-B2786	SSHS-B2786-SUB-6-8	5/20/2019	6-8	930	9400	3.5	8.4	130	0.43J	0.24J	4800	-	42	-	9.7	170	34,000	2200	470	0.062	45	700	<0.65U	<0.13U	<0.4U	-	32	840
SSHS-B2787	SSHS-B2787-SUB-6-8	5/20/2019	6-8	110	10,000	3.7	6.9	140	0.45J	0.27J	2000	-	15	-	7.7	240	27,000	2300	560	0.17	130	700	<0.64U	<0.13U	<0.4U	-	18	1400
SSHS-B2788	SSHS-B2788-SUB-6-8	5/20/2019	6-8	330	6600	49	16	73	0.34J	0.3J	4000	-	36	-	20	2600	95,000	2100	820	0.24	220	670	1.1J	1.5	0.57J	-	35	540

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B2789	SSHS-B2789-SUB-6-8	5/21/2019	6-8	47	9700	<0.41U	3.5	65	0.4J	0.11J	1400	-	13	-	6.9	24	18,000	2400	590	0.17	17	640	<0.62U	<0.13U	<0.39U	-	13	53
SSHS-B2790	SSHS-B2790-SUB-6-8	5/21/2019	6-8	110	7600	<0.4U	6.5	67	0.36J	0.29J	11,000	-	20	-	7.4	150	27,000	2700	760	0.052	26	590	<0.6U	<0.12U	<0.37U	-	12	130
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	15	9600	0.4J	5.1	74	0.4J	0.082J	1600	-	12	-	7.2	24	18,000	2400	400	0.043	18	560	<0.58U	<0.12U	<0.36U	-	14	61
SSHS-B28	B23428	5/8/2000	4-8	9.9*	-	-	6.2N	44	<0.53U	<0.53U	-	-	6.7	-	-	24.1*	-	-	-	<0.05U	14.4*	-	<0.53U	<1.1U	-	-	-	70.1
SSHS-B28	B23429	5/8/2000	8-12	9.8*	-	-	5.1N	30.8	<0.57U	<0.57U	-	-	7.6	-	-	20.6*	-	-	-	<0.06U	15.3*	-	<0.57U	<1.1U	-	-	-	61.6
SSHS-B2801	SSHS-B2801-SUB-0.17-2	5/21/2019	0.17-2	28	11,000	<0.42U	8.7	130	0.58	0.21J	5100	-	21	-	10	35	23,000	3300	660	0.21F2,F1	26	1100	<0.63U	<0.13U	<0.39U	-	18	77
SSHS-B2802	SSHS-B2802-SUB-0.17-2	5/16/2019	0.17-2	76	8400	0.85J	7.7	120	0.42J	0.18J	7500	-	16	-	7	65B	19,000	3100	460	1.1	66	860	<0.62U	<0.13U	<0.39U	-	15	110
SSHS-B2803	SSHS-B2803-SUB-0.17-2	5/14/2019	0.17-2	65	8900	0.54J	8.7	110	0.47J	0.19J	2500	-	15	-	6.8	39	19,000	2200	470	0.065	37	720	<0.65U	<0.13U	<0.41U	-	14	75
SSHS-B2804	SSHS-B2804-SUB-4-6	5/19/2019	4-6	23	9800	0.97J	7.9	190	0.44J	0.12J	26,000	-	11	-	5.9	17	18,000	2100	830	0.053	13	790	0.72J	<0.12U	<0.37U	-	17	60
SSHS-B2805	SSHS-B2805-SUB-8-10	5/16/2019	8-10	20	7600	0.53J	4.8	89	0.28J	0.066J	3600	-	9.1	-	5.8	31	16,000	2100	740	0.022J	13	650	<0.6U	<0.12U	<0.37U	-	11	54
SSHS-B29	B23430	5/8/2000	1-4	31*	-	-	5.9N	59.4	<0.54U	<0.54U	-	-	12.2	-	-	56*	-	-	-	<0.05U	43.9*	-	<0.54U	<1.1U	-	-	-	83.5
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	56	7900	<0.21U	8.2	97	<0.39J	<0.12J	10,000	-	14B	-	7.2	61	19,000	4200	460	<0.032J	82B	700	<0.37J	<0.042U	<0.15U	-	13	75B
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	5.2	4700	<0.2U	5.2	37	<0.2J	<0.054J	49,000	-	7.5B	-	<4.5J	16	11,000	8900	320	<0.011U	11B	570	<0.27U	<0.04U	<0.15U	-	9.9	40B
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	10	7100	<0.21U	7.3	54	<0.29J	<0.047J	17,000J	-	10B	-	6.1	18	16,000	3500	290	<0.02J	100J	590	<0.45J	<0.042U	<0.15U	-	10	52B
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	7.6	5100	<0.21U	8.3	56	<0.22J	<0.072J	49,000	-	9.1B	-	<4.8J	30	14,000	11,000	370	<0.011U	31B	680	<0.45J	<0.043U	<0.16U	-	11	53B
SSHS-B3	B23489	5/12/2000	4-8	31.8	-	-	5.7	92.4	<0.61U	<0.61U	-	-	23.5	-	-	27.4	-	-	-	0.11	13.3	-	<0.61U	<1.2U	-	-	-	75.5*
SSHS-B30	B23431	5/8/2000	1-4	45.5*	-	-	6.8N	121	<0.54U	<0.54U	-	-	15.7	-	-	57.7*	-	-	-	<0.05U	51.5*	-	<0.54U	<1.1U	-	-	-	82.4
SSHS-B30	B23432	5/8/2000	4-8	8.7*	-	-	4.9N	24.9	<0.57U	<0.57U	-	-	10.3	-	-	18.9*	-	-	-	<0.06U	16.4*	-	<0.57U	<1.1U	-	-	-	61.2
SSHS-B32	B23433	5/8/2000	1-4	7.3*	-	-	2.5N	32.6	<0.52U	<0.52U	-	-	6.3	-	-	17.8*	-	-	-	<0.05U	13	-	<0.52U	<1U	-	-	-	47.6
SSHS-B34	B23434	5/9/2000	1-4	21.9N*	-	-	<2.6N*	165	<0.53U	<0.53U	-	-	<7.3U	-	-	31.3N*	-	-	-	<0.06N	255N	-	<0.54U	<1.1U	-	-	-	60.3N
SSHS-B34	B23435	5/9/2000	4-6	21.9N*	-	-	2.6N*	78.4	<0.56U	<0.56U	-	-	7.3	-	-	31.3N*	-	-	-	<0.05UN	255N	-	<0.54U	<1.1U	-	-	-	60.3N
SSHS-B36	B36	9/12/2000	0.5-2.5	14.3	-	<1.06U	8.98	50.9	<0.532U	<0.532U	-	-	8.74	-	6.32	24.9	-	-	-	<0.0532U	13.4	-	0.93	<1.06U	<1.06U	<53.2U	14.5	55.2
SSHS-B37	B37	9/12/2000	0.5-2.5	5.49	-	<1.04U	2.56	39.1	<0.521U	<0.521U	-	-	6.24	-	<5.21U	18.4	-	-	-	<0.0521U	11.3	-	1.43	<1.04U	<1.04U	<52.1U	10.1	58.3
SSHS-B37	B37-8-10	9/12/2000	8-10	6.02	-	<1.06U	3.55	42.2	<0.532U	<0.532U	-	-	7.49	-	5.87	15.9	-	-	-	<0.053U	13.9	-	1.32	<1.06U	<1.06U	<53U	113	44.8
SSHS-B38	B38	9/12/2000	1-4.5	29.4	-	<1.11U	5.76	87.2	<0.557U	<0.557U	-	-	11.6	-	7.03	26.5	-	-	-	0.0764	18.2	-	0.721	<1.11U	<1.11U	<55.7U	16.7	77.4
SSHS-B39	B39	9/12/2000	0.5-2.5	56	-	<1.09U	5.16	83.8	<0.554U	<0.554U	-	-	10.1	-	7.07	34.4	-	-	-	1.98	22.6	-	1.57	<1.09U	<1.09U	<54.4U	16.3	70.9
SSHS-B4	B23487	5/12/2000	2-4	118	-	-	7.1	169*	<0.85U	<0.58U	-	-	14.4	-	-	85	-	-	-	0.09	29.2	-	<0.58U	<1.2U	-	-	-	120*
SSHS-B40	B40	9/12/2000	0.5-2.5	50.2	-	<1.12U	5.82	91.4	<0.561U	<0.561U	-	-	14	-	7.16	43	-	-	-	0.245	25.7	-	1.68	<1.12U	<1.12U	<56.1U	16.7	81.5
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	110	-	<1.12U	8.93	146	0.601	<0.562U	-	-	16.5	-	7.11	60.1	-	-	-	0.124	22	-	1.73	<1.12U	<1.12U	<56.2U	19.3	138
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	16	11,000	<0.4UJ	6.4	110	0.55	0.17J	2500	-	27	-	9.2	17	21,000	3300	510J	0.045B	22	1000	<0.45U	<0.19U	<0.56U	-	17	61
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	783	-	<3.93U	32.1	153	1.12	0.612	-	-	74.1	-	14.6	4080	-	-	-	0.103	517	-	3.43	<1.13U	<1.13U	137	35.9	844
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	42	8600	<0.35U	9	140	0.45	0.66	8100	-	13	-	7.9	27	19,000	3200	530	0.1	20	700	<0.4U	<0.17U	<0.5U	-	13	75
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	36	8000	<0.22U	9.3	150	0.46	<0.15J	3200	-	13B	-	7.1	43	18,000	1900	320	0.067	20	900	<0.46J	<0.044U	<0.16U	-	15	58B
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	8.4	6400	<0.2U	6.5	45	<0.29J	<0.055J	14,000	-	8.5B	-	5.7	21	15,000	3100	390	<0.011U	18	900	<0.27U	<0.041U	<0.15U	-	13	52B
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	52	10,000	<0.22U	8.6	120	<0.43J	<0.069J	2200	-	12B	-	6.5	40	18,000	2100	600	0.054	16	870	<0.94J	<0.044U	<0.21J	-	18	70B
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	11	9600	<0.22U	8.8	78	<0.41J	<0.024J	600	-	10B	-	7.3	24	18,000	2200	590	<0.012U	16	1100	<0.4J	<0.044U	<0.16U	-	16	58B
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	2210	-	<1.2U	7.02	241	<0.6U	<0.6U	-	-	10.5	-	6.82	36.5	-	-	-	0.0617	16	-	<0.6U	<1.2U	<1.2U	<60U	16.1	70
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	22	8200	<0.23U	8.4	88	<0.43J	<0.097J	2000	-	12	-	6.8	33	19,000	2100	460	0.044	19B	840	<0.56J	<0.046U	<0.17U	-	14	75B
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.	8/15/2014	11.5-13.5	5.6	6000	<0.21U	5.3	35	<0.24J	<0.037J	42,000	-	7.6B	-	<5.3J	23	14,000	14,000	340	<0.01U	13	850	<0.39J	<0.044U	<0.16U	-	11	43B
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	17	9800	<0.22UJ	11J	74	<0.41J	<0.053J	1400	-	11B	-	7.8	21J	18,000	2100	650J	0.045	15	660	<0.45J	<0.044U	<0.16U	-	16	56B
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	8	6600	<0.2U	8	36	<0.31J	<0.051J	770	-	8.2B	-	5.6	18	16,000	1900	340	<0.012U	14	770	<0.27U	<0.04U	<0.18J	-	12	44B
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	23.8	-	<1.1U	5.06	81.5	<0.55U	<0.55U	-	-	10	-	7.18	22.2	-	-	-	0.0636	14.7	-	1.43	<1.1U	<1.1U	<55U	16.9	53.5
SSHS-B447	SSHS-447-SUB-0-2	8/24/2016	0-2	52	6900	1.1	5.7	83	0.33J	0.12J	18,000	-	11	-	6.3	50	16,000	4900	420	0.69	64	580	0.79J	<0.16U	<0.49U	-	14	92
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	26.1	-	<1.11U	7.28	62.4	<0.557U	<0.557U	-	-	8.36	-	6.67	23.1	-	-	-	<0.0557U	13.5	-	0.994	<1.11U	<1.11U	<55.7U	16.1	53
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	29.9	-	<1.11U	6.68	103	0.568	<0.555U	-	-	8.88	-	7.2	19.4	-	-	-	<0.0555U	13.3	-	1.33	<1.11U	<1.11U	<55.5U	17.1	45.9
SSHS-B46	B46-8-10	9/13/2000	8-10	9.84	-	<1.04U	4.51	34.1	<0.518U	<0.518U	-	-	6.26	-	5.78	16.5	-	-	-	<0.0518U	12	-	0.518	<1.04U	<1.04U	<51.8U	11.1	41.5
SSHS-B47	B47-3-5	9/13/2000	3-5	6.15	-	<1.08U	5.22	26.8	<0.539U	<0.539U	-	-	6.7	-	5.59	16.8	-	-	-	<0.0539U	12.9	-	<0.539U	<1.08U	<1.08U	<53.9U	11.6	98.8
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	8.15	-	<1.16U	4.07	58.5	<0.578U	<0.578U	-	-	8.02	-	<5.78U	8.18	-	-	-	<0.0578U	12	-	<0.578U	<1.16U	<1.16U	<57.8U	14.2	39.4
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	179	-	<1.15U	5.22	213	1.03	<0.573U	-	-	11.8	-	10.6	39.1	-	-	-	0.294	24.1	-	0.647	<1.15U	<1.15U	<57.3U	22.9	164
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	22.2	-	<1.1UN	6.1	112	<0.57U	<0.57U	-	-	13.9	-	9.5	42.7N	-	-	-	<0.05U	20.6	-	<0.57U	<1.1U	<1.1U	<56.8U	16.9	63.2
SSHS-B50	B50-4-7	9/13/2000	4-7	7.97	-	<1.13U	6.46	65.9	<0.566U	<0.566U	-	-	9.17	-	6.48	24.5	-	-	-	<0.0566U	15.4	-	0.68	<1.13U	<1.13U	<56.6U	14.3	61.5
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	14.8	-	<1.09U	7.76	98.9	<0.545U	<0.545U	-	-	10.1	-	7.79	28.6	-	-	-	<0.0545U	17.2	-	0.618	<1.09U	<1.09U	<54.5U	16.1	69.7
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	73	6900	0.78J	13	160	0.39	<0.47U	5800	-	23	-	9.9	69	27,000	2900	530	0.056	94	600	<0.37U	0.79	<0.46U	-	14	130
SSHS-B519	SSHS-B519-SUB-2-4	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-B519	SSHS-B519-SUB-4-6	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-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	10.5	-	<1.08U	8.28	61.2	<0.542U	<0.542U	-	-	12.1	-	9.08	30.3	-	-	-	<0.0542U	19.6	-	0.777	<1.08U	<1.08U	<54.2U	17.4	61.8
SSHS-B52	B52-4-6	9/13/2000	4-6	3.27	-	<1.08U	2.33	24.3	<0.538U	<0.538U	-	-	4.63	-	<5.38U	12.6	-	-	-	<0.0538U	8.39	-	1.4	<1.08U	<1.08U	<53.8U	7.84	27.3
SSHS-B520	SSHS-B520-SUB-10-12	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	-	14	76
SSHS-B520	SSHS-B520-SUB-2-4	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-B520	SSHS-B520-SUB-4-6	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-B520	SSHS-B520-SUB-8-10	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	-	15J	58J

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B522	SSHS-B522-SUB-0-2	9/16/2016	0-2	140	7400	0.39J	7.9	200	0.38J	0.13J	17,000	-	16	-	7.4	65	24,000	3600	440	<0.032U	51	640	1.1	<0.17U	<0.53U	-	15	90
SSHS-B522	SSHS-B522-SUB-2-4	9/16/2016	2-4	680	7900	0.68J	7	180	0.35J	0.12J	9200	-	11	-	7	41	24,000	3400	430	<0.033U	39	790	0.47J	<0.17U	<0.52U	-	16	71
SSHS-B524	SSHS-B524-SUB-0-2	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-B524	SSHS-B524-SUB-2-4	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-B524	SSHS-B524-SUB-4-6	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-B524	SSHS-B524-SUB-6-8	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-B524	SSHS-B524-SUB-8-10	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	-	8.5	50
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	11.2	-	<1.1U	3.38	51.3	<0.549U	<0.549U	-	-	6.77	-	<5.49U	12.1	-	-	-	<0.0549U	9.78	-	0.67	<1.1U	<1.1U	<54.9U	10.7	39.8
SSHS-B537	SSHS-B537-SUB-10-12	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	-	14	31
SSHS-B537	SSHS-B537-SUB-12-14	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	-	15	53
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	16.2	-	<1.17U	2.35	112	<0.587U	<0.587U	-	-	11	-	6.44	12.8	-	-	-	0.111	14	-	0.68	<1.17U	<1.17U	<58.7U	16.4	46.6
SSHS-B54	B54-4-6	9/13/2000	4-6	8.9	-	<1.15U	3.82	47.1	<0.575U	<0.575U	-	-	7.77	-	6.28	16.1	-	-	-	<0.0575U	14.6	-	1.56	<1.15U	<1.15U	<57.5U	11.7	72.2
SSHS-B542	SSHS-B542-SUB-10-12	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	-	13	55
SSHS-B542	SSHS-B542-SUB-12-14	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	-	15	54
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	174	-	<1.14U	7.07	94.4	<0.57U	<0.57U	-	-	8.3	-	6.36	27.7	-	-	-	0.112	13.9	-	1.6	<1.14U	<1.14U	<57U	14.7	86.1
SSHS-B555	SSHS-B555-SUB-2-4	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-B555	SSHS-B555-SUB-4-6	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-B555	SSHS-B555-SUB-6-8	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-B555	SSHS-B555-SUB-8-10	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	-	11	37
SSHS-B557	SSHS-B557-SUB-0-2	9/7/2016	0-2	45	4200	<0.37U	39	110	0.25	<0.058U	720	-	14	-	3.5	40	29,000	1100	150	0.14	21	470	3.1	<0.086U	<0.26U	-	16	41
SSHS-B557	SSHS-B557-SUB-10-12	9/7/2016	10-12	5.2	4300	<0.2U	4.5	41	0.12J	<0.064U	750	-	8.6	-	2.9	14	18,000	1500	84	0.0091J	9	360	0.63	<0.094U	<0.28U	-	8.2	33
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	99	4000	0.65J	25	120	0.25	0.3	2100J	-	30	-	5	240J	32,000	1200	190	0.21	74	410	2	0.16J	<0.26U	-	15	90
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	26	5700	0.23J	18	80	0.23	0.092J	1100	-	14	-	5.3	42	22,000	1700	250	0.039	25	450	1.2	<0.086U	<0.26U	-	13	50
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	9.6	8200	<0.19U	5.9	91	0.29	0.068J	480	-	14	-	6.4	22	23,000	2200	290	0.013J	16	470	0.51J	<0.089U	<0.27U	-	14	56
SSHS-B557	SSHS-B557-SUB-8-10	9/7/2016	8-10	21	3800	<0.14U	9.7	59	0.15J	0.069J	620	-	11	-	3.2	37	15,000	1100	160	0.05	15	330	0.83	<0.066U	<0.2U	-	8.3	34
SSHS-B558	SSHS-B558-SUB-0-2	9/7/2016	0-2	34	1600	0.24J	63	50	0.24	<0.059U	810	-	5.6	-	1.5J	22	15,000	390	56	0.17	13	330	5.8	<0.087U	0.46J	-	10	28
SSHS-B558	SSHS-B558-SUB-10-12	9/7/2016	10-12	20	4600	<0.2U	8.1	50	0.18J	<0.064U	1100	-	10	-	3.4	88	19,000	1600	120	0.011J	24	460	0.28J	<0.095U	<0.28U	-	8.9	47
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	8.9	5800	<0.39U	20	51	0.26	0.093J	14,000	-	7.9	-	5.9	27	32,000	3200	260	0.017	14	340	0.81	<0.09U	<0.27U	-	11	48
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	9.6	6900	<0.19U	7.6	59	0.22	<0.061U	2000	-	10	-	4.9	22	21,000	1900	320	0.032	14	350	0.46J	<0.09U	<0.27U	-	13	49
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	12	9300	<0.19UJ	9.2	200J	0.35	0.1J	770	-	13	-	8	18J-	23,000J	2300	300J	0.023	17	550	0.5J	<0.089U	<0.27U	-	15	60J
SSHS-B558	SSHS-B558-SUB-8-10	9/7/2016	8-10	15	6600	<0.2U	8.4	120	0.32	0.074J	1900	-	15	-	5.8	19	20,000	1800	170	0.028	17	410	0.66	<0.093U	<0.28U	-	12	52
SSHS-B559	SSHS-B559-SUB-0-2	9/7/2016	0-2	230	3500	1.6	43	130	0.37	0.18J	1700	-	28	-	5.1	1400	40,000	820	210	0.11	260	430	3.4	1.3	<0.26U	-	15	260
SSHS-B559	SSHS-B559-SUB-2-4	9/7/2016	2-4	23	980	0.32J	42	74	0.35	<0.06U	870	-	13	-	1J	14	15,000	200J	22	0.081	6	300	5.6	<0.088U	0.58J	-	13	13
SSHS-B559	SSHS-B559-SUB-4-6	9/7/2016	4-6	43	4800	<0.38U	35	66	0.21	<0.06U	1300	-	12	-	4.3	60	34,000	1400	150	0.032	41	570	2	<0.088U	<0.27U	-	13	120
SSHS-B559	SSHS-B559-SUB-6-8	9/7/2016	6-8	9.7	4900	<0.36U	34	86	0.13J	<0.058U	1000	-	9.8	-	2.9	18	37,000	1500	120	<0.018U	12	490	1.2	<0.085U	<0.26U	-	13	39
SSHS-B559	SSHS-B559-SUB-8-10	9/7/2016	8-10	49	4600	<0.36U	28	75	0.25	0.07J	1200	-	19	-	3.4	100	34,000	1400	150	0.044B	60	560	1.9	0.17J	<0.25U	-	14	120
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	5.79	-	<1.05U	3.86	39.2	<0.524U	<0.524U	-	-	7.01	-	5.51	20.2	-	-	-	<0.0524U	12.6	-	0.717	<1.05U	<1.05U	<52.4U	11	66
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	1300	3300	7.2	55	170	0.32	0.11J	2600	-	33	-	4.5	250	56,000	980	220	0.11B	120	460	4.3	0.68	<0.26U	-	16	180
SSHS-B560	SSHS-B560-SUB-2-4	9/7/2016	2-4	35	1300	0.42J	23	40	0.35	<0.057U	470	-	6.7	-	1.8J	50	18,000	320	28	0.13B	13	280	2.1	<0.085U	0.26J	-	8.4	24
SSHS-B560	SSHS-B560-SUB-4-6	9/7/2016	4-6	110	2700	0.72J	58	99	0.3	0.065J	2200	-	16	-	3.1	130	43,000	820	130	0.086B	72	580	5.5	0.17J	0.36J	-	15	150
SSHS-B560	SSHS-B560-SUB-6-8	9/7/2016	6-8	11	3800	<0.39U	98	84	0.13J	<0.062U	680	-	7.1	-	2.1J	19	42,000	1100	92	0.02B	7.8	840	6.7	<0.092U	<0.28U	-	14	31
SSHS-B560	SSHS-B560-SUB-8-10	9/7/2016	8-10	97	3200	0.94J	32	82	0.34	0.083J	2100	-	15	-	3.1	200	29,000	1200	130	0.086B	62	480	2.6	0.19J	<0.26U	-	14	110
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	13.3	-	<1.05U	3.05	32.4	<0.526U	<0.526U	-	-	7.45	-	5.99	26.6	-	-	-	<0.0526U	13.7	-	<0.526U	<1.05U	<1.05U	<52.6U	11.1	76.7
SSHS-B570	SSHS-B570-SUB-0-2	8/30/2016	0-2	11	8000	<0.39UJ	7.8	75	0.38J	0.57	3700J	-	13	-	6.5	17	17,000	2900	410F2	0.18J+	16	590	<0.43U	<0.18U	<0.55U	-	12	53
SSHS-B571	SSHS-B571-SUB-0-2	8/30/2016	0-2	24	9100	<0.37U	8.6	94	0.5	0.64	7100	-	12	-	8.2	17	18,000	3400	520	0.16	19	680	0.41J	<0.17U	<0.52U	-	14	58
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	21	8400	0.38J	8.2	81	0.42	0.64	12,000	-	14	-	7.8	21	18,000	5200	540	0.15	18	730	<0.42U	<0.18U	<0.53U	-	12	60
SSHS-B574	SSHS-B574-SUB-0-2	8/29/2016	0-2	130	10,000	<0.36U	9.9	98	0.49	0.7	8700	-	36	-	8.3	30	20,000	3000	480	0.053	23	720	0.4J	<0.17U	<0.5U	-	16	70
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	16.6	-	<1.14U	4.91	98.9	<0.569U	<0.569U	-	-	10.4	-	6.94	28.4	-	-	-	0.0658	14.7	-	1.22	<1.14U	<1.14U	<56.9U	19.2	72.1
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	9.82	-	<1.09U	6.76	68.8	<0.544U	<0.544U	-	-	9.71	-	7.88	21.8	-	-	-	<0.0544U	17.6	-	0.959	<1.09U	<1.09U	<54.4U	18.6	62.5
SSHS-B6	B23486	5/11/2000	1-3	50.3	-	-	6	174	<0.53U	<0.53U	-	-	10.2	-	-	29.2	-	-	-	2.7	19.5	-	<0.6U	<1.1U	-	-	-	106
SSHS-B64	SSHS-B64-10-12 (11)	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	-	18	56B
SSHS-B64	SSHS-B64-6-9 (9)	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	-	16	30B
SSHS-B65	SSHS-B65-10-12 (11)	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	-	15B	45B
SSHS-B65	SSHS-B65-8-10 (9)	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	-	20B	39B
SSHS-B67	SSHS-B67-10-12 (11)	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	-	13B	37B
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	23	5800	<0.28J	5.5	74	<0.26J	<0.015U	17,000	-	7.5	-	5.5	18	14,000B	4500	360	0.11	13	660B	<0.31J	<0.043U	<0.16U	-	11	53B
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	35	7600	<0.22U	8.3	92	<0.39J	<0.016U	11,000	-	11	-	6.2	26	17,000B	3300	450	0.046	28	630B	<0.61J	<0.045U	<0.16U	-	15	66B
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	160	7200	<0.61J	8.1	190	<0.38J	<0.55U	19,000	-	39	-	6.2	75	20,000B	3300	430	0.099	100	730B	<0.73J	<0.044U	<0.16U	-	14	98B
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	21	8200	<0.22U	6	89	<0.32J	<0.066J	23,000	-	8.8B	-	<5J	29	14,000	3400	360	0.038	13	770	<0.29U	<0.044U	<0.16U	-	12	61B
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	16	9100	<0.21U	11	55	<0.4J	<0.034J	2300	-	11B	-	7.1	27	19,000	2100	590	<0.012U	17	1000	<0.49J	<0.042U	<0.15U	-	17	55B
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	7.2	5300	<0.2U	12J	42	<0.21J	<0.015J	36,000	-	8B	-	<4.5J	16	13,000	11,000	420	<0.011U	11	780	<0.64J	<0.041U	<0.15U	-	9.6	43B

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	37	8900	<0.22U	7.9	94	<0.42J	<0.092J	5000	-	12	-	7.5	19	18,000	3200	430	0.078	18B	730	<0.29U	<0.044U	<0.16U	-	13	69B
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	8.4	6200	<0.21U	6.4	45	<0.26J	<0.089J	29,000	-	8	-	5.7	24	16,000	5700	290	<0.011U	14B	760	<0.29U	<0.043U	<0.16U	-	12	64B
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	6.2	5700	<0.21U	5.8	37	<0.23J	<0.066J	45,000	-	8	-	5.2	16	13,000	9500	430	<0.011U	13B	730	<0.6J	<0.042U	<0.15U	-	10	40B
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	7.7	5900	<0.25UJ	7.9	37	<0.27J	<0.08J	39,000	-	8.4	-	6.2	17	15,000	11,000J	350J	<0.013U	15B	840	<0.33U	<0.05U	<0.18U	-	11	50J
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	38	6800	<0.2U	8.1	60B	<0.37J	<0.094J	5400B	-	10	-	6.5	40	17,000B	2300B	300	<0.031J	28	560B	<0.63J	<0.041U	<0.15U	-	11	60B
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	42	7600	<0.55J	8.6	78B	<0.36J	<0.17J	15,000B	-	12	-	6.7	37	18,000B	3800B	430	<0.033J	24	640B	<0.3U	<0.07J	<0.16U	-	13	74B
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	50	7500	<0.22U	7.9	73B	<0.37J	<0.11J	6500B	-	14	-	6.7	33	18,000B	2700B	360	<0.033J	28	590B	<0.78J	<0.045U	<0.18J	-	13	64B
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	13	6200	<0.22U	5.9	54B	<0.25J	<0.086J	31,000B	-	8	-	5.6	25	15,000B	6700B	390	<0.012U	15	620B	<0.37J	<0.045U	<0.16U	-	10	59B
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	22	9500	<0.22U	7	110B	<0.43J	<0.1J	8000B	-	12	-	7.8	22	19,000B	2800B	580	<0.033J	20	600B	<0.47J	<0.045U	<0.16U	-	14	57B
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	9.3	6400	<0.22U	7	45B	<0.27J	<0.047J	1700B	-	14	-	6	19	17,000B	2400B	500	<0.017J	14	570B	<0.3U	<0.045U	<0.16U	-	9.9	48B
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	14	7600	<0.2U	7.5	56B	<0.28J	<0.036J	820B	-	8.7	-	7.2	20	19,000B	2400B	510	<0.014J	16	520B	<0.33J	<0.04U	<0.15U	-	11	50B
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	22	6800	<0.22U	7.4	53B	<0.28J	<0.039J	800B	-	9.6	-	6.4	20	17,000B	2000B	640	<0.022J	14	560B	<0.38J	<0.045U	<0.31J	-	10	48B
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	7	4200	<0.19U	4.2	33	<0.15J	<0.039J	39,000	-	7.1	-	<3.9J	21	11,000	14,000	300	<0.011U	9.4	510	<0.25U	<0.038U	<0.14U	-	7.7	42B
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	15	8800	<0.24UJ	9.4	50	<0.38J	<0.038J	6500J	-	9.7	-	7.9	23J	20,000	2500	610	<0.031J	17	620	<0.32U	<0.048U	<0.17U	-	14	55B
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	6.2	6300	<0.23U	6.8	42	<0.27J	<0.08J	6800	-	8	-	<5.3J	18	16,000	2900	440	<0.012U	13	630	<0.33J	<0.046U	<0.17U	-	11	54B
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	6.4	6000	<0.28J	5.7	47	<0.23J	<0.014U	33,000	-	6.8	-	5.7	18	15,000	8800	480	<0.012U	14	520	<0.99U	<0.04U	<0.15U	-	9.8	73B
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	7.4	6300	<0.21U	6.7	33	<0.32J	<0.015U	1300	-	8.3	-	5.7	17	15,000	1900	320	<0.017J	13	580	<1U	<0.042U	<0.15U	-	11	46B
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	4.4	4400	<0.29J	3.2	28	<0.17J	<0.015U	23,000	-	5.5	-	<4.1J	16	11,000	5800	350	<0.011U	9.3	<530U	<1.1U	<0.043U	<0.16U	-	7.4	36B
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	16	4300	<0.38U	4.6	31	<0.17J	<0.03J	54,000	-	5.8	-	<4J	13	11,000	20,000	330	<0.011U	9.7	510	<0.26U	<0.039U	<0.14U	-	7.1	36B
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	6.9	5700	<0.2U	6.1	34	<0.26J	<0.51U	4000	-	8.3	-	5.5	17	15,000	2700	450	<0.012U	13	550	<1U	<0.041U	<0.15U	-	11	48B
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	4.9	4200	<0.22U	4.9	30	<0.18J	<0.047J	31,000	-	5.7	-	<4J	14	11,000	4700	300	<0.011U	9.8	<540U	<0.29U	<0.044U	<0.16U	-	7.8	43B
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	33	8200	<0.23J	7.6	78	<0.37J	<0.53U	14,000	-	9.8	-	5.9	37	18,000B	3200	410	0.2	16	700B	<0.57J	<0.042U	<0.15U	-	14	72B
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	4.2	4900	<0.39J	4.7	36	<0.24J	<0.47U	71,000	-	5.5	-	<3.8J	16	9700B	8500	360	<0.011U	9.3	520B	<0.48J	<0.038U	<0.14U	-	7.5	36B
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	93J	7900	2.6	7.6	60	<0.38J	<0.53U	5900	-	9.8	-	5.7	45	18,000B	2000	510	0.058	14	680B	<0.73J	<0.043U	<0.16U	-	15	100B
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	8.2	9400	<0.67J	4	56	<0.32J	<0.52U	73,000	-	8.8	-	5.4	20	13,000B	8500	450	<0.012J	12	660B	<0.36J	<0.042U	<0.15U	-	11	41B
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	32	7100	<0.51J	8.6	90	<0.41J	<0.57U	20,000	-	9.6	-	6	35	18,000B	2900	350	0.044	15	690B	<0.54J	<0.046U	<0.17U	-	15	76B
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	4.8	4800	<0.29J	4.5	24	<0.2J	<0.53U	16,000	-	5.7	-	<4.2J	13	11,000B	2800	310	<0.011U	10	550B	<0.6J	<0.043U	<0.16U	-	7.8	49B
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	22J	6400	<0.73J	8.3	36	<0.32J	<0.015U	1500J	-	9.6	-	5.2	18	23,000B	1700	380	<0.029J	11	720B	<0.42J	<0.041U	<0.15U	-	15	46B
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	5.9	5200	<0.28J	6.4	33	<0.23J	<0.016U	740	-	7.4	-	<4.7J	16	13,000B	1900	320	<0.012U	11	570B	<0.47J	<0.046U	<0.17U	-	9.6	57B
SSHS-B8	B23484	5/11/2000	4-5	286	-	-	7.4	426	<0.53U	<0.53U	-	-	12.9	-	-	243	-	-	-	<0.05U	202	-	<0.53U	<1.1U	-	-	-	145
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	10	7000	<0.2U	6.9	52	<0.32J	<0.014U	4000	-	9	-	5.8	21	16,000B	2300	360	<0.031J	14	570B	<0.27U	<0.04U	<0.15U	-	13	49B
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	6.8	4300	<0.37J	4.3	30	<0.18J	<0.5U	47,000	-	8.3	-	<4.2J	12	11,000B	9500	330	<0.012U	9.9	590B	<0.35J	<0.041U	<0.15U	-	8.4	38B
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	6.1	5700	<0.19U	5.6	48	<0.25J	<0.014U	7900	-	7.3	-	5.3	21	14,000B	5300	590	<0.012U	12	550B	<0.37J	<0.04U	<0.14U	-	10	50B
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	6.3	5200	<0.36J	4.1	30	<0.22J	<0.52U	38,000	-	7.5	-	<4.6J	14	12,000B	5000	330	<0.011U	11	550B	<0.66J	<0.042U	<0.15U	-	8.7	44B
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	41	7900	<0.29J	8.3	94	0.42	<0.51U	13,000	-	16	-	6.9	51	19,000	3500	490	0.051	22	650	<1U	<0.041U	<0.15U	-	15	79B
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	8.7	5700	<0.22U	5.8	37	<0.28J	<0.54U	1200	-	8.1	-	6.7	19	15,000	1900	710	<0.012U	14	<540U	<0.29U	<0.044U	<0.16U	-	10	77B
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	16	7600	<0.27J	6.8	72	<0.34J	<0.015U	5500	-	9.7	-	<5.3J	39	17,000	1700	340	<0.018J	14	650	<1.1U	<0.044U	<0.16U	-	13	55B
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	6.3	5800	<0.24U	3.8	27	<0.3J	<0.017U	880	-	7.6	-	<5.4J	16	15,000	1700	290	<0.012U	12	610	<1.2U	<0.049U	<0.18U	-	11	42B
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	12	8100	<0.4U	6.7	65	0.37J	0.15J	45,000	-	9.7	-	7.4	18	16,000	3200	470	0.039	17	650	0.69J	<0.19U	<0.57U	-	12	50
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	59	6600	2.1	12	71	<0.34J	<0.26J,B	26,000	-	9	-	9.3	110	48,000	3400	440	<0.023J	18B	<450J,B	<1J	<0.045U	<0.37J	-	13	120B
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	5.6	4800	<0.21U	4.8	42B	<0.2J	<0.06J	85,000B	-	5.9	-	<4.6J	17	12,000B	8300B	420	<0.011U	12	<500J,B	<0.5J	<0.042U	<0.15U	-	8.2	49B
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	9.3	6000	<0.22U	7.2	43B	<0.28J	<0.071J	8800B	-	7.7	-	<4.8J	18	14,000B	4400B	520	<0.017J	12	<530J,B	<0.3J	<0.044U	<0.16U	-	9.9	53B
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	5	5100	<0.21U	4.6	27B	<0.21J	<0.055J	44,000B	-	6.1	-	<4.6J	16	12,000B	16,000B	310	<0.011U	11	550B	<0.43J	<0.042U	<0.15U	-	8.3	39B
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	27	6600	<0.38U	6	150	0.32J	0.16J	14,000	-	9.1	-	6.4	24	15,000	2400	690	0.095	17	530	<0.42U	<0.18U	<0.53U	-	9.9	68
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	11	5400	<0.22U	7.2	32	<0.26J	<0.54U	26,000	-	7B	-	5.8	18	14,000	3300	370	<0.015J	13	540	<0.82J	<0.044U	<0.16U	-	9.9B	42B
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	6.7	4800	<0.22U	6.4	47B	<0.23J	<0.068J	2700B	-	7.4	-	<4.9J	15	14,000B	1900B	490	<0.012U	12	<490J,B	<0.5J	<0.044U	<0.16U	-	7.8	53B
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	16	11,000	<0.22U	8.9	71B	0.49	<0.044J	1200B	-	12	-	9	16	21,000B	2700B	450	0.06	18	690B	<0.58J	<0.045U	<0.19J	-	16	54B
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	6.1	5000	<0.22U	6.4	69B	<0.25J	<0.064J	8200B	-	6.4	-	<4.5J	13	12,000B	5000B	460	<0.016J	11	570B	<0.3U	<0.045U	<0.16U	-	8.2	39B
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	27	8600	<0.23J	8.3	80J	0.41	<0.52U	5100J	-	11J	-	7.6	47J	19,000	3400	450	0.046	18	600	<0.28U	<0.042U	<0.15U	-	14	59J
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	6	4900	<0.32J	4.9	35	<0.23J	<0.014U	37,000	-	6.4	-	4.9	15	12,000	11,000	370	<0.012U	12	560	<0.99U	<0.04U	<0.15U	-	8.6	42B
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	14	7200	<0.32J	6.1	47	<0.31J	<0.015U	1700	-	8.8	-	5.9	31	24,000	1500	460	<0.023J	12	<520U	<1U	<0.042U	<0.15U	-	12	39B
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	11	5800	<0.3J	7.3	37	<0.25J	<0.015U	28,000J	-	8	-	5.9	19	15,000	13,000	450	<0.012U	14	610	<0.29U	<0.043U	<0.16U	-	11	72B
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	9.4	8500	<0.21U	6	56B	<0.35J	<0.05J	2900B	-	8.6	-	5.7	15	16,000B	2100B	420	<0.017J	12	<400J,B	<0.43J	<0.042U	<0.15U	-	13	41B
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	9.3	6800	<0.22U	6.9	96B	<0.3J	<0.1J	1500B	-	9.2	-	7.1	18	17,000B	2300B	410	<0.015J	16	720B	<0.48J	<0.045U	<0.16U	-	12	55B
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	11	5500	<0.24U	4.8	150B	<0.25J	<0.052J	57,000B	-	6.3	-	<3.6J	14	11,000B	1300B	400	<0.018J	8.9	<440J,B	<1.1J	<0.048U	<0.17U	-	10	34B
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	7.5	7300	<0.21U	6.5	34B	<0.33J	<0.04J	<500J,B	-	7.8	-	5.7	14	15,000B	2100B	290	<0.02J	13	590B	<0.45J	<0.042U	<0.15U	-	11	37B
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	18	5200	<0.21U	5	40	<0.26J	<0.082J,B	19,000	-	6.4	-	5.3	28	13,000	4000	460	<0.018J	12B	<380J,B	<0.45J	<0.043U	<0.15U	-	8.7	51B
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	7.8	6100	<0.22U	6.5	59	<0.27J	1.2B	2400	-	7.8	-	5.8	18	16,000	2800	830	<0.012U	16B	<510J,B	<0.52J	<0.044U	<0.23J	-	9.9	350B
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	15	12,000	<0.36J	6.8	120	0.51	<0.08J,B	1400	-	12	-	8.6	13	19,000	2700	620	<0.019J	17B	580B	<0.62J	<0.044U	<0.24J	-	16	59B
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	11	8800	<0.22U	9.5	100	<0.38J	<0.092J,B	1100	-	11	-	8.5	22	20,000	2400	550	<0.024J	20B	680B	<0.31J	<0.045U	<0.26J	-	13	72B
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	31	7800	<0.36J	5.6	59	<0.33J	<0.51U	13,000	-	9.5	-	5.6	55	16,000	3400	350	<0.035J	18	<510U	<1U	<0.041U	<0.15U	-	13	55B

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	5.9	5100	<0.27J	6	41	<0.23J	<0.015U	19,000	-	6.7	-	<5J	17	14,000	8500	360	<0.012U	12	550	<1U	<0.042U	<0.15U	-	9.7	120B
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	30	6900	<0.32J	6.7	45	0.45	<0.016U	1800	-	9.3	-	6.4	57	15,000	1900	330	<0.019J	15	700	1.2B	<0.045U	<0.16U	-	15	52B
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	9	7000	<0.23U	7.6	72	<0.34J	<0.016U	1300	-	8.9	-	6.6	21	17,000	2000	590	<0.019J	15	680	<0.3U	<0.046U	<0.17U	-	13	63B
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	72	8000	<0.21U	8.1	63	<0.4J	<0.065J,B	5800	-	17	-	6.4	36	20,000	2400	280	<0.033J	16B	<450J,B	<0.55J	<0.043U	<0.15U	-	14	57B
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	13	7900	<0.23U	9.8	87	<0.37J	<0.065J,B	1300	-	11	-	6.6	24	20,000	2300	550	<0.013J	18B	670B	<0.3J	<0.046U	<0.24J	-	13	59B
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	10	7300	<0.44J	5.2	41	<0.29J	<0.034J,B	3700	-	11	-	<4.9J	15	14,000	2300	260	<0.018J	12B	<360J,B	<0.42J	<0.044U	<0.16U	-	12	44B
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	8.1	8500	<0.2U	6.5	48	<0.32J	<0.049J,B	1100	-	8.9	-	7.3	19	19,000	2500	490	<0.012U	16B	<440J,B	<0.39J	<0.04U	<0.19J	-	12	52B
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	9.4	6200	<0.2U	6.8	50	<0.31J	<0.06J,B	10,000	-	7.5	-	5.5	24	17,000	3500	470	<0.013J	13B	<420J,B	<0.27U	<0.04U	<0.15U	-	10	57B
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	5.4	4400	<0.2U	4.9	35	<0.21J	<0.058J,B	1700	-	5.6	-	<4.2J	20	12,000	1700	380	<0.012U	11B	<440J,B	<0.27U	<0.04U	<0.15U	-	7.3	46B
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	13	9400	<0.22U	7	90	0.45	<0.062J,B	1200	-	10	-	7.2	14	19,000	2300	560	<0.02J	15B	590B	<0.68J	<0.045U	<0.24J	-	14	52B
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	7.2	5900	<0.22U	6.3	49	<0.24J	<0.06J,B	47,000	-	7	-	<5.4J	21	15,000	26,000	460	<0.012U	13B	590B	<0.41J	<0.045U	<0.16U	-	10	47B
SSHS-B9	B23482	5/11/2000	2-3	165	-	-	7.4	486	<0.54U	0.7	-	-	21.3	-	-	79	-	-	-	0.07	71	-	0.77	<1.1U	-	-	-	306
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	36	5900	<0.2U	6.7	56B	<0.27J	<0.092J	38,000B	-	8.3	-	5.2	47	15,000B	11,000B	360	0.036	24	<480J,B	<0.44J	<0.041U	<0.15U	-	11	62B
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	4.2	3800	<0.23U	3.8	32B	<0.18J	<0.078J,B	760	-	5	-	<3.5J	9.3	9700	1400	350	<0.011J	9	<360J,B	<0.3U	<0.046U	<0.17U	-	5.9B	30B
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	42	8100	<0.24U	6.8	84B	<0.39J	<0.11J,B	3900	-	9.9	-	<5.8J	39	17,000	2100	320	0.056	21	<520J,B	<0.69J	<0.048U	<0.17U	-	13B	76B
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	9.5	12,000	<0.24U	6.1	140B	0.49	<0.084J,B	<400J	-	11	-	7.6	11	19,000	2300	1100	0.04	15	<580J,B	<0.72J	<0.061J	<0.34J	-	15B	52B
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	16	6900	<0.19U	4.9	45B	<0.27J	<0.064J,B	24,000	-	8.4	-	4.9	20	15,000	3200	290	0.037	13	<390J,B	<0.31J	<0.039U	<0.14U	-	10B	42B
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	9.2	7200	<0.23U	9.1	68B	<0.37J	<0.57U	1600	-	9.8	-	6.8	24	25,000	2400	760	<0.017J	20	600B	<0.35J	<0.046U	<0.37J	-	14B	98B
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	12	11,000	<0.22U	7.8	99B	0.51	0.57B	1400	-	12	-	8	16	20,000	2600	730	<0.026J	18	650B	1.1	<0.044U	<0.16J	-	15B	53B
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	8.2	7600	<0.21U	9.1	42B	<0.34J	<0.046J,B	760	-	9.8	-	6.5	17	17,000	2200	410	<0.02J	16	660B	<0.28U	<0.042U	<0.15U	-	11B	48B
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	54	10,000	<0.22U	9.4	89B	0.49	<0.56U	7500B	-	15	-	8.6	42	22,000	3600	470	<0.033J	61B	680	<0.3U	<0.045U	<0.24J	-	14	86B
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	16	7300	<0.23U	8.1	50B	<0.35J	<0.58U	4400B	-	10	-	7.4	23	19,000	3600	770	<0.013J	17B	690	<0.31U	<0.047U	<0.36J	-	13	56B
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	450	6200	<0.35J	8.6	220B	<0.36J	<0.52U	9000B	-	11	-	6.8	59	25,000	2400	380	<0.018J	110B	<470J	<0.44J	<0.042U	<0.15J	-	11	64B
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	56	8800	<0.26U	7.4	140B	<0.36J	<0.66U	36,000B	-	15	-	8.5	23	20,000	4500	2100	<0.028J	30B	<650J	<1.2J	<0.26J	<0.71J	-	13	64B
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	35	9300	<0.25U	7.9	85B	<0.46J	<0.62U	7400B	-	11	-	7.8	34	20,000	3400	480	<0.027J	23B	650	<0.33U	<0.05U	<0.25J	-	12	70B
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	17	7400	<0.19U	7.2	79B	<0.3J	<0.46U	17,000B	-	9.4	-	7.4	29	18,000	6000	1200	<0.011U	18B	550	<0.6J	<0.14J	<0.69J	-	10	69B
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	22	7800	<0.23U	7.3	61B	<0.31J	<0.58U	18,000B	-	10	-	6.7	62	22,000	4300	520	<0.023J	17B	590	<0.31U	<0.047U	<0.17U	-	12	73B
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	9.8	7500	<0.18U	9	99B	<0.33J	<0.45U	8100B	-	9	-	7.7	19	21,000	3100	970	<0.012U	19B	640	<0.48J	<07J	<0.51J	-	11	75B
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	39	7400	<0.23U	8.2	60	<0.34J	<0.57U	23,000	-	9.4	-	6.8	21	16,000	3000	350	<0.028J	17B	580B	<0.31U	<0.046U	<0.17U	-	11	59B
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	11	6600	<0.23U	7.5	53	<0.29J	<0.57U	22,000	-	10	-	5.9	25	16,000	7100	640	<0.02J	17B	740B	<0.33J	<0.046U	<0.17U	-	11	56B
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	20	6700	<0.21U	6.6	71	<0.3J	<0.52U	17,000	-	8.6	-	5.9	38	17,000	5000	420	<0.019J	27B	540B	<0.6J	<0.042U	<0.15U	-	11	63B
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	17	7100	<0.21U	8	59	<0.3J	<0.52U	45,000	-	12	-	6.4	22	17,000	7600	430	<0.017J	20B	590B	<0.71J	<0.042U	<0.15U	-	12	55B
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	440	10,000	<0.23U	11	90B	0.51	<0.58U	5400B	-	13	-	9.5	26	21,000	3400	520	<0.021J	29B	690	<0.36J	<0.047U	<0.23J	-	14	65B
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	12	7700	<0.22U	8.2	58B	<0.34J	<0.55U	8100B	-	11	-	7	23	19,000	2800	700	<0.011U	18B	670	<0.3J	<0.045U	<0.34J	-	12	110B
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	13	9200	<0.21U	7.4	52B	<0.38J	<0.52U	16,000B	-	11	-	7.5	17	19,000	4500	440	<0.016J	16B	520	<0.31J	<0.042U	<0.16J	-	15	51B
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	12	8700	<0.21UJ	9.1	56B	<0.39J	<0.54U	3300B	-	11	-	7.7	22	21,000	2900	450	<0.013J	18B	680	<0.29U	<0.043U	<0.31J	-	13	56B
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	22	10,000	<0.19U	8.1	86B	0.5	<0.49U	4200B	-	12	-	8.9	23	21,000	3000	550	<0.033J	24B	650	<0.26U	<07J	<0.25J	-	13	62B
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	13	8300	<0.21U	8	66B	<0.35J	<0.53U	2400B	-	15	-	7.1	30	20,000	2500	540	<0.011U	18B	610	<0.28U	<0.043U	<0.19J	-	12	57B
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	17	8000	<0.21U	7.6	57B	<0.36J	<0.52U	4000B	-	13	-	7.1	21	20,000	2800	430	<0.018J	20B	540	<0.53J	<0.042U	<0.15J	-	14	59B
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	16	10,000	<0.22U	6.8	120B	0.44	<0.54U	2600B	-	19	-	7.7	21	21,000	2600	770	<0.02J	23B	610	<0.45J	<0.044U	<0.45J	-	13	61B
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	15	10,000	<0.22U	8.4	85B	0.51	<0.55U	14,000	-	13	-	9.2	18	21,000	3700	490	<0.027J	21	750B	<0.51J	<0.044U	<0.16U	-	14B	57B
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	9	7500	<0.21U	6.7	56	<0.31J	<0.072J	8600	-	11B	-	6.2	33	19,000	4500	450	<0.015J	17B	700	<0.47J	<0.52U	<0.15U	-	12	89B
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	18	9500	<0.2UJ	8	71	<0.4J	<0.047J	22,000	-	13B	-	7.4	23J	19,000	3900J	400	<0.022J	19B	740	<0.49J	<0.042U	<0.15U	-	14	59B
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	9.8	8200	<0.21U	8.1	63	<0.33J	<0.045J	22,000	-	10B	-	7.6	22	20,000	4700	410	<0.015J	18B	800	<0.29U	<0.043U	<0.16U	-	12	62B
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	120	6500	<0.29J	10	130B	<0.34J	<0.57U	3500	-	12	-	7.8	36	32,000	2100	690	<0.037J	42	690B	<0.87J	<0.046U	<0.17U	-	16B	62B
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	13	11,000	<0.24U	6.3	130B	0.51	<0.6U	3000	-	13	-	7.4	23	20,000	2700	280	<0.025J	36	780B	<0.5J	<0.048U	<0.18U	-	15B	55B
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	19	8500	<0.2U	9.2	52B	0.43	<0.51U	900	-	21	-	7.7	89	19,000	2200	390	<0.025J	69	550B	<0.49J	<0.041U	<0.15U	-	13B	67B
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	16	8300	<0.22U	8	63B	<0.38J	<0.55U	10,000	-	11J	-	6.9	30J	19,000	3900	420	<0.026J	390	610B	<0.46J	<0.044U	<0.16U	-	14B	79B
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	36	8800	<0.23U	10	92B	0.45	<0.57U	9200	-	14	-	8	48	19,000	3800	450	0.047	94	710B	<0.45J	<0.046U	<0.17U	-	12B	75B
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	6.7	5500	<0.19U	7.1	57B	<0.21J	<0.49U	47,000	-	8.3	-	5.2	20	13,000	10,000	420	<0.012J	17	680B	<0.46J	<0.039U	<0.14U	-	9.2B	79B
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	680	6500	<0.39J	10	94B	<0.34J	<0.58U	18,000	-	24	-	7	160	22,000	7000	420	0.06	130	590B	<0.83J	<0.047U	<0.17U	-	12B	120B
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	41	5400	<0.22U	6.7	59B	<0.25J	<0.55U	33,000	-	9.7	-	<5.2J	47	15,000	7300	270	<0.021J	39	<550U	<0.41J	<0.045U	<0.16U	-	8.5B	60B
SSHS-BSW-001	EBSW-10-12	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	-	18	840
SSHS-CB-13	SSHS-CB-13	6/25/2019		16	10,000	0.6J	5.6	100	0.52J	0.12J	9100	-	12	-	8.9	17	19,000	3400	480	<0.02U	27	1600	<0.75U	<0.15U	<0.47U	-	14	58
SSHS-CB-20	SSHS-CB-20	6/24/2019		420	8100	0.59J	5.8	75	0.41J	0.25J	19,000	-	16	-	6.9J	27	17,000	9700	360	0.058	21	800J	<0.85U	<0.17U	<0.53U	-	14	210
SSHS-CB-25	SSHS-CB-25	6/24/2019		28	13,000	2J	8	110	0.65J	1.2	7900	-	21	-	10J	32	23,000	4100	440	0.1	24	2000	<1.2U	<0.25U	<0.75U	-	18	190
SSHS-CS1	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	-	15	200
SSHS-CS2	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	-	18	130
SSHS-E-5-1	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-6-1	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-E-7-1	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

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-EN3-4	E-N-3-4	7/26/2018	6.9-6.9	15	13,000	<0.42U	9.8	66	0.59	0.05J	1300	-	16	-	10	37	23,000	3200	480	0.02J+	270	1100	<0.64U	<0.13U	<0.26U	-	18	59
SSHS-FB1	B23493	6/29/2000	0.5-2	123	-	-	7.3	165	<0.55U	<0.55U	-	-	134	-	-	92.6	-	-	-	0.26	62.2	-	0.74	<1.1U	-	-	-	148
SSHS-FB1	B23494	6/29/2000	6-8	64	-	-	9	<66.6U	<0.6U	<0.6U	-	-	6.3	-	-	32.5	-	-	-	0.21	11.9	-	1.4	<1.19U	-	-	-	62.1
SSHS-FB1	B23495	6/29/2000	16-18	74.1	-	-	8.8	163	<0.61U	<0.61U	-	-	13.3	-	-	64.7	-	-	-	<0.06U	114	-	<0.6U	<1.22U	-	-	-	161
SSHS-FB10	B23407	6/29/2000	1-3	62.3	-	-	6.6	118	<0.56U	<0.56U	-	-	10.2	-	-	25.2	-	-	-	0.24	16.6	-	<0.57U	<1.11U	-	-	-	82.2
SSHS-FB11	B23408	6/29/2000	1-3	76.2	-	-	12.6	189	0.74	<0.6U	-	-	14.5	-	-	172	-	-	-	0.21	27.5	-	0.91	<1.19U	-	-	-	160
SSHS-FB2	B23496	6/29/2000	0.5-1	16.4	-	-	5.7	76.4	0.65	<0.59U	-	-	12.9	-	-	17	-	-	-	<0.06U	22.4	-	<0.6U	<1.17U	-	-	-	60.5
SSHS-FB3	B23497	6/29/2000	3-4	125	-	-	9.9	73.9	<0.58U	<0.58U	-	-	14.6	-	-	142	-	-	-	0.07	23.4	-	0.67	<1.16U	-	-	-	117
SSHS-FB4	B23498	6/29/2000	3-4	76	-	-	7.9	187	<0.56U	<0.56U	-	-	12.2	-	-	49	-	-	-	1	28.1	-	<0.55U	<1.12U	-	-	-	138
SSHS-FB5	B23400	6/29/2000	6-8	23.3	-	-	3.7	93.9	<0.55U	<0.55U	-	-	9.9	-	-	15.1	-	-	-	0.74	14.1	-	<0.55U	<1.11U	-	-	-	64.7
SSHS-FB5	B23499	6/29/2000	2-4	24.4	-	-	6.3	63	<0.58U	<0.58U	-	-	6.5	-	-	30.6	-	-	-	0.07	9.9	-	0.85	<1.15U	-	-	-	18.5
SSHS-FB6	B23401	6/29/2000	1-2	36.6	-	-	8.2	68.6	<0.58U	<0.58U	-	-	10.4	-	-	55.7	-	-	-	0.06	21.5	-	0.99	<1.15U	-	-	-	96
SSHS-FB6	B23402	6/29/2000	17-19	8.1	-	-	2.3	21.6	<0.56U	<0.56U	-	-	4.6	-	-	12.4	-	-	-	<0.05U	9.7	-	<0.55U	<1.12U	-	-	-	37.3
SSHS-FB6	B23404	6/29/2000	1-3	29.9	-	-	7.1	171	<0.54U	<0.54U	-	-	9.3	-	-	23.8	-	-	-	<0.05U	49.7	-	<0.67U	<1.09U	-	-	-	97.2
SSHS-FB6	B23405	6/29/2000	4-6	144	-	-	2.3	245	<0.58U	<0.58U	-	-	9.7	-	-	103	-	-	-	<0.06U	12.4	-	<0.57U	<1.15U	-	-	-	110
SSHS-FB7	B23403	6/29/2000	1-3	82	-	-	6.4	115	<0.59U	<0.59U	-	-	11.6	-	-	54.9	-	-	-	0.07	44.6	-	<0.59U	<1.18U	-	-	-	69.3
SSHS-FB9	B23406	6/29/2000	1-2	63.9	-	-	6.1	102	<0.6U	<0.6U	-	-	11	-	-	56.2	-	-	-	0.07	20.5	-	<0.6U	<1.21U	-	-	-	97.6
SSHS-GS3-4	G-S-3-4	7/26/2018	6.5-6.5	14	13,000	<0.41U	9.2	80	0.59	0.061J	24,000	-	15	-	9.6	38	23,000	3600	650	0.038	41	1000	<0.62U	<0.13U	<0.25U	-	18	56
SSHS-IRM3-B0	SSHS-IRM3-B028-07-09-19	7/9/2019		32	8200	<0.36U	5.8	65	0.36J	0.12J	14,000	-	11	-	7.7	28	18,000	4600	510	<0.014U	21	600	<0.54U	<0.11U	<0.34U	-	12	84
SSHS-IRM3-S0	SSHS-IRM3-S009-07-09-19	7/9/2019		26	6700	0.41J	5.9	58	0.32J	0.2J	30,000	-	9.5	-	5.8	40	17,000	5800	420	0.038	19	600	0.68J	<0.1U	<0.31U	-	12	67
SSHS-IRM3-S0	SSHS-IRM3-S010-07-09-19	7/9/2019		41	6300	<0.36U	5.3	59	0.28J	0.17J	49,000	-	11	-	7	34	15,000	7700	590	<0.014U	20	580	0.83J	<0.11U	<0.34U	-	11	59
SSHS-IRM3-S0	SSHS-IRM3-S011-07-09-19	7/9/2019		16	5100	0.67J	4.4	39	0.23J	0.13J	47,000	-	6.8	-	4.4J	21	11,000	6100	360	0.018J	12	570	0.85J	<0.1U	<0.31U	-	9.2	51
SSHS-IRM3-S0	SSHS-IRM3-S012-07-09-19	7/9/2019		20	6300	0.53J,F1	5.5	73F1	0.33J	0.17J	45,000F2	-	8.6	-	5.8	38F1	17,000	6500F1	410	<0.015U	18	670	0.66J	<0.11U	<0.34U	-	12	72F1
SSHS-IRM3-S0	SSHS-IRM3-S013-07-09-19	7/9/2019		24	6800	<0.38U	6.4	59	0.33J	0.24J	32,000	-	8.9	-	5.8	30	16,000	6000	390	0.022J	18	620	0.92J	<0.12U	<0.36U	-	12	58
SSHS-IRM3-S0	SSHS-IRM3-S014-07-09-19	7/9/2019		19	6700	0.36J	5.4	47	0.27J	0.13J	33,000	-	8.7	-	5.8	23	15,000	7100	390	<0.014U	16	570	0.81J	<0.11U	<0.33U	-	11	64
SSHS-IRM3-S0	SSHS-IRM3-S015-07-09-19	7/9/2019		5.9	6200F2	<0.36U	3.9	41	0.23J	0.084J	34,000F2	-	8.4	-	5.5J	19	14,000F2	5900F2,F1	310F2	<0.015U	15J	550	<0.54U	<0.11U	<1.7U	-	8.8	56F2,F1
SSHS-IRM3-S0	SSHS-IRM3-S016-07-10-19	7/10/2019		52	7800	0.53J	6.8	80	0.36J	0.15J	16,000	-	11	-	6.3	39B	17,000	2900	450	0.04	23	680	0.58J	<0.11U	<0.34U	-	12	68
SSHS-IRM3-S0	SSHS-IRM3-S017-07-10-19	7/10/2019		64	9000	0.71J	7.2	86	0.44J	0.2J	14,000	-	13	-	6.9	43B	19,000	4100	490	0.61	21	750	1.1	<0.12U	<0.36U	-	14	88
SSHS-IRM3-S0	SSHS-IRM3-S018-07-09-19	7/9/2019		6.9	4400	<0.39U	2.7	30	0.17J	0.13J	140,000	-	5.4	-	3.7J	13	9500	6900	270	<0.015U	11	490J	1.9	<0.12U	<0.37U	-	10	33
SSHS-IRM3-S0	SSHS-IRM3-S019-07-09-19	7/9/2019		130	8000	0.76J	8.2	180	0.41	0.17J	12,000	-	18	-	6.9	84	22,000	2400	460	0.051	53	740	0.66J	<0.11U	<0.33U	-	14	87
SSHS-IRM3-S0	SSHS-IRM3-S020-07-10-19	7/10/2019		71	8600	0.83J	7.9	140	0.41J	0.25J	13,000	-	22	-	7.7	55B	22,000	3900	500	0.047	38	880	0.89J	<0.11U	<0.34U	-	15	91
SSHS-IRM3-S0	SSHS-IRM3-S021-07-10-19	7/10/2019		25	9900	0.49J,F1	6.9	100	0.47	0.26J	14,000F2	-	13	-	8.5	24B	20,000	4200F1,F2	490	0.026J	22	1200	<0.59U	<0.12U	<0.37U	-	14	66
SSHS-IRM3-S0	SSHS-IRM3-S022-07-10-19	7/10/2019		33	8900	0.48J	6.6	90	0.41J	0.24J	21,000	-	12	-	7.7	29B	19,000	4900	460	0.037	24	910	0.6J	<0.11U	<0.35U	-	13	84
SSHS-IRM3-S0	SSHS-IRM3-S023-07-09-19	7/9/2019		25	9900	0.63J	6.5	110	0.5	0.17J	5700	-	13	-	8.7	19	19,000	3000	490	0.032J	23	990	<0.56U	<0.11U	<0.35U	-	13	61
SSHS-N-E-0	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-N-E-1	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
SSHS-NSBW	NBSW-10-12	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	-	11	62
SSHS-P1	P1-10-12	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	-	17	790
SSHS-P2	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	-	9.8	93
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	53	8200	0.74	8	150	0.43	0.44	13,000	-	21	-	6.4	59	19,000	3900	510	0.057	58	470	0.6	0.21	<0U	-	12	95
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	750	11,000	7.8	10	160	0.48	0.85	7300	-	24	-	9.2	200	31,000	3100	470	0.054	140	780	2.3	0.32	0.31	-	15	190
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	360	4400	2	14	320	0.32	1	11,000	<0U	46	46	13	300	46,000	1400	750	0.033	180	520	2.1	0.59	0.49	-	16	170
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	2200	3400	7.8	2.8	110	0.46	8.1	6000	<0U	350	350	20	420	210,000	1500	1100	0.11	790	470	<0U	1.1	<0U	-	30	190
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	91	7200	1.2	7.3	120	0.3	1.4	29,000	-	22	-	7.9	95	32,000	4700	530	0.048	79	570	<0U	0.25	0.49	-	14	100
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	320	7900	1	4.9	140	0.36	0.41	8500	-	10	-	6.9	40	20,000	2300	400	0.014	23	550	1.4	0.17	<0U	-	13	67
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	110	5300	0.84	8.6	84	0.24	0.68	12,000	-	20	-	6.5	360	20,000	2500	590	0.065	83	500	1.2	0.32	<0U	-	12	320
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	270	6900	1.7	20	130	0.3	0.7	8100	-	30	-	7.4	380	27,000	2000	610	0.081	87	720	2.4	0.37	<0U	-	13	210
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	200	8300	1.2	8.5	150	0.34	0.95	16,000	<0U	52	52	7	99	24,000	3100	430	0.055	200	540	0.99	0.2	<0U	-	13	190
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	47	7100	0.95	5.8	110	0.23	1.3	20,000	-	10	-	7.3	50	23,000	3700	470	0.037	30	480	1	0.22	<0U	-	12	66
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	120	7300	0.99	8.5	99	0.33	0.49	15,000	<0U	56	56	6.7	97	20,000	3400	380	0.057	140	570	1.2	0.2	<0U	-	11	100
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	24	6500	0.59	7.3	56	0.24	0.52	31,000	-	9	-	6.1	28	16,000	5600	400	0.012	20	570	<0U	0.13	<0U	-	9.4	99
SSHS-SS-01_8	SS-01 (8) 20180820	8/20/2018	8-8	9.7	6900	<0.38U	17	54	0.21J	0.16J	1100	-	11	-	4.1J	22	34,000	1900	170	0.014J	12	900	<0.58U	<0.12U	<0.36U	-	14	40
SSHS-SS-02_8	SS-02 (6-8) 20180820	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	SS-05 (6-8) 20180820	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-W10-1	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-W1-2	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-W3-1	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-W3-2	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-W6-3	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-B10	B23463	5/10/2000	0-0.25	20.5	-	-	3.6	104	<0.7U	<0.7U	-	-	81.7	-	-	18.8	-	-	-	<0.06U	20.1	-	<0.71U	<1.4U	-	-	-	77.8
SSHS-B11	B23462	5/10/2000	0-0.25	14.5	-	-	3.2	107	<0.64U	<0.64U	-	-	57.2	-	-	17.2	-	-	-	<0.06U	19.8	-	<0.63U	<1.3U	-	-	-	70.3

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																								
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																										
SSHS-B12	B23467	5/10/2000	0-0.25	17.7	-	-	4.2	120	<0.62U	<0.62U	-	-	15.8	-	-	14.9	-	-	-	<0.06U	20.8	-	<0.64UW	<1.2U	-	-	-	61.4
SSHS-B13	B23465	5/10/2000	0-0.25	22.2	-	-	3.5	75.5	<0.66U	<0.66U	-	-	19.5	-	-	19	-	-	-	<0.06U	22.5	-	<0.65U	<1.3U	-	-	-	79.6
SSHS-B14	B23471	5/10/2000	0-0.25	17.9	-	-	6.2	114	<0.64U	<0.64U	-	-	12.3	-	-	14.8	-	-	-	<0.06U	19.3	-	<0.64U	<1.3U	-	-	-	58.4
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	26	11,000	<0.47U	7.8	110	0.55	0.2J	4000	-	15	-	9.6	22	22,000	3700	630	0.16	22	1200	<0.71U	<0.14U	<0.29U	-	15	78
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	30	8100	<0.44U	7.9	100	0.45J	0.22J	2600	-	13	-	7.6	21	17,000	2400	480	0.057	20	1100	<0.66U	<0.13U	<0.27U	-	12	110
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	30	10,000	<0.48U	6.8	110	0.5J	0.17J	2500	-	14	-	8.3	24	22,000	2700	540	0.036J	24	970	<0.72U	<0.15U	<0.29U	-	14	70
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	16	10,000	<0.45U	6.7	100	0.51J	0.19J	2000	-	17	-	8.5	14	20,000	2800	510	0.032J	19	900	<0.68U	<0.14U	<0.28U	-	14	99
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	15	8600	<0.47U	6.6	82	0.43J	0.16J	2000	-	13	-	7.4	16	18,000	2500	480	0.028J	17	1100	<0.71U	<0.15U	<0.29U	-	13	80
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	16	10,000	<0.42U	6.9	88	0.48J	0.12J	2200	-	15	-	8.1	15	20,000	2800	510	0.024J	18	980	<0.64U	<0.13U	<0.26U	-	15	57
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	14	10,000	<0.43U	6.9	100	0.51	0.15J	2500	-	17	-	8.5	14	20,000	2900	500	0.024J	19	950	<0.66U	<0.13U	<0.27U	-	13	60
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	18	10,000	<0.44U	7.2	110	0.52	0.15J	2400	-	16	-	8.8	18	21,000	2900	540	0.076	21	1200	0.69J	<0.14U	<0.27U	-	14	63
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	14	9200	<0.4U	5.1	62	0.38J	0.094J	21,000	-	12	-	7.4	19	18,000	4800	380	0.013J	18	670	<0.61U	<0.13U	<0.25U	-	13	56
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	28	11,000	0.54J	7.5	110	0.55J	0.21J	2800	-	17	-	9.2	20	21,000	3000	540	0.23	25	1500	<0.75U	<0.15U	<0.3U	-	15	72
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	23	11,000	<0.48U,F1	6.7	99	0.54J	0.37J	3300	-	52	-	8.7	26	22,000	3100	490	0.066	21	1300	<0.73U	<0.15U	<0.29U	-	15	73
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	19	12,000B	<0.46U	7.7	110	0.53J	<0.049U	2800	-	38	-	9.5	19	21,000B	3200	500B	0.036J	20	1500	<0.7U	<0.14U	0.31J	-	16	68
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	120	10,000	0.67J	7.1	96	0.52J	0.2J	3900	-	15	-	8.6	20	21,000	2900	550	0.12	19	1400	<0.75U	<0.15U	<0.31U	-	14	69
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	19	10,000	<0.5U	6.4	100	0.49J	0.33J	7200	-	55	-	8.3	21	21,000	5000	490	0.054	20	1300	<0.76U	<0.16U	<0.31U	-	14	69
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	22	12,000	<0.53U	7.2	110	0.55J	0.33J	5200	-	48	-	9.2	23	23,000	3800	540	0.052	21	1500	<0.8U	<0.16U	<0.32U	-	16	75
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	29	9000	<0.48U	6.6	89	0.44J	0.27J	4200	-	37	-	7.7	21	19,000	3200	460	0.081	18	1200	<0.73U	<0.15U	<0.3U	-	13	69
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	19	9900	<0.46U	6.8	91	0.5J	<0.049U	2200	-	14	-	8.5	17	19,000	2700	460	0.14	19	1300	<0.69U	<0.14U	0.4J	-	14	60
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	21	11,000B	<0.52U	7.4^	85	0.52J	0.3J	3400	-	52	-	8.4	24	21,000	3100	470	0.18	28	1300	<0.79U	<0.16U	<0.32U	-	14	73
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	18	11,000	<0.53U	6.8	110	0.55J	0.29J	3700	-	46	-	8.8	22	22,000	3300	520	0.088	23	1300	<0.8U	<0.16U	<0.32U	-	15	71
SSHS-B21	B23447	5/9/2000	0-0.25	16.8N*	-	-	<4.9N*	123	<0.6U	<0.6U	-	-	<13.2U	-	-	16.1N*	-	-	-	<0.06UN	20.6N	-	<0.6U	<1.2U	-	-	-	88.3N
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	18	10,000	<0.47U	7.3	92	0.53J	0.14J	3100	-	15	-	8.5	17	20,000	2900	470	0.076	21	1100	<0.7U	<0.14U	<0.29U	-	14	63
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	130	10,000	1.8	7.5	100	0.51J	<0.057U	3000	-	53	-	10	39	21,000	2900	640	0.16	32	1400	<0.81U	<0.17U	0.33J	-	16	140
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	19	6300	<0.62U	3.6	84	0.32J	0.24J	24,000	-	19	-	5.3J	85	13,000	4300	400	0.038J	140	3800	<0.94U	<0.19U	<0.38U	-	16	170
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	19	10,000	<0.46U	7.6	100	0.54	0.22J	2500	-	14	-	8.5	16	20,000	2800	520	0.055	19	1200	<0.69U	<0.14U	<0.28U	-	15	100
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	28	10,000	<0.5U	8.2	110	0.51J	0.21J	3500	-	18	-	7.8	23	20,000	2900	450	0.19	20	1200	<0.75U	0.26J	<0.31U	-	16	79
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	30	11,000	<0.51U	7	110	0.54J	0.16J	3600	-	15	-	8.6	24	20,000	2800	540	0.19	27	1200	<0.77U	<0.16U	<0.31U	-	15	73
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	23	8700	<0.48U	6.2	95	0.45J	0.19J	4200	-	12	-	7.4	20	18,000	2600	450	0.064	20	1100	<0.73U	<0.15U	<0.3U	-	12	210
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	23	10,000	<0.48U	6.4	99	0.52J	0.29J	3600	-	41	-	8.5	22	21,000	3100	490	0.068	24	1200	<0.73U	<0.15U	<0.29U	-	14	69
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	34	9900	<0.48U	6.3	96	0.47J	0.24J	4500	-	38	-	7.8	22	20,000	3200	470	0.089	18	1300	<0.73U	<0.15U	<0.3U	-	14	69
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	24	12,000	<0.52U	7.2	110	0.59J	0.28J	2800	-	40	-	8.9	23	23,000	3200	500	0.059	22	1400	<0.79U	<0.16U	<0.32U	-	16	73
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	22	9300	<0.47U	6.5	89	0.49J	0.26J	2900	-	37	-	7.5	21	19,000	2700	420	0.073	20	1200	<0.72U	<0.15U	<0.29U	-	14	64
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	21	12,000	<0.5U	6.9	100	0.58	0.27J	2700	-	43	-	9.1	22	23,000	3200	500	0.076	22	1400	<0.75U	<0.15U	<0.31U	-	17	74
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	65	7100	<0.47U	5.9	73	0.39J	0.21J	6200	-	14	-	6.2J	25	17,000	3200	360	0.13	20	800	<0.71U	<0.15U	<0.29U	-	13	270
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	29	8900	<0.58U	5.4	99	0.46J	0.24J	4200	-	21	-	7J	24	18,000	2600	390	0.15	23	870	<0.87U	<0.18U	<0.35U	-	13	110
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	24	11,000	<0.48U	7.2	100	0.54J	0.3J	2800	-	45	-	9.2	24	22,000	3100	500	0.057	22	1200	<0.72U	<0.15U	<0.29U	-	16	74
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	19	10,000	<0.53U	6.5	82	0.48J	0.24J	4400	-	42	-	7.9	20	19,000	3300	420	0.037J	20	1100	<0.81U	<0.16U	<0.33U	-	14	64
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	32	11,000	<0.6U,F1	6.6	92	0.51J	0.36J	7600F1	-	71	-	8.3J	26	20,000	3300	450	0.074	21	1400	<0.9U	<0.18U	<0.37U	-	15	79
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	35	9100	<0.6U	7	84	0.43J	1.1	4900	-	23	-	7.3J	25	18,000	2900	450	0.19	22	820J	<0.9U	<0.18U	<0.37U	-	17	630
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	18	10,000	<0.51U	6.8	95	0.48J	0.25J	5200	-	45	-	8.3	20	19,000	3700	480	0.035J	20	1300	<0.77U	<0.16U	<0.31U	-	13	67
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	46	10,000	<0.5U	7.4	94	0.49J	0.33J	4400	-	51	-	8.4	26	20,000	3100	460	0.088	21	1300	<0.76U	<0.16U	<0.31U	-	15	80
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	34	9700	<0.66U	8.4	100	0.51J	0.48J	3800	-	26	-	8J	25	20,000	2800	500	0.045J	22	800J	<0.99U	<0.2U	<0.4U	-	17	480
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	13	8600	<0.4U	5	57	0.35J	0.1J	18,000	-	11	-	6.7	18	17,000	5000	370	0.018J	16	770	<0.61U	<0.12U	<0.25U	-	13	56
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	17	11,000	<0.49U	6.6	84	0.51J	0.24J	4500	-	44	-	8.7	20	20,000	3400	470	0.086	20	1400	<0.74U	<0.15U	<0.3U	-	14	67
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	58	10,000	<0.5U	6.6	99	0.52J	0.23J	3200	-	21	-	8	20	20,000	2700	440	0.05	22	800	<0.76U	<0.16U	<0.31U	-	15	280
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	13	8500	<0.4U	4.6	52	0.34J	0.089J	23,000	-	11	-	7	17	17,000	5200	400	0.015J	16	730	<0.61U	<0.12U	<0.25U	-	13	55
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	11	8500	<0.38U	4.6	53	0.35J	0.082J	21,000	-	11	-	6.9	17	18,000	7400	390	0.015J	16	710	<0.57U	<0.12U	<0.23U	-	13	49
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	15	11,000	<0.45U	7	100	0.5J	0.19J	6800	-	14	-	9	16	20,000	3700	490	0.02J	21	1000	<0.69U	<0.14U	<0.28U	-	13	200
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	38	10,000	<0.79U	7.8	120	0.56J	0.47J	7400	-	19	-	7.5J	29	19,000	2900	500	0.11	24	1000J	<1.2U	<0.24U	<0.49U	-	18	510
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	18	8500	<0.39U	5.1	58	0.34J	0.083J	21,000	-	11	-	6.9	21	17,000	4600	340	0.019J	17	710	<0.6U	<0.12U	<0.24U	-	12	56
SSHS-B23	B23442	5/9/2000	0-0.25	<25.4N*	-	-	5.5N*	<113U	<0.58U	<0.58U	-	-	<15.7U	-	-	21.9N*	-	-	-	<0.06U	<25N	-	<0.585U	<1.17U	-	-	-	79N
SSHS-B24	B23446	5/9/2000	0-0.25	31.7N*	-	-	4.4N*	<141U	<0.57U	<0.57U	-	-	21.1	-	-	35.3N*	-	-	-	<0.06UN	25.9N	-	<0.59U	<1.1U	-	-	-	99.1N
SSHS-B25	B23445	5/9/2000	0-0.25	17.7N*	-	-	4.7N*	115	<0.56U	<0.56U	-	-	13.3	-	-	14.5N*	-	-	-	<0.06UN	19.5N	-	<0.57U	<1.1U	-	-	-	63.7N
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	17	10,000	<0.27U	9	110	<0.52J	<0.15J	3000	-	13	-	8.7	17	20,000	2900	480	0.17	23	1100	<0.37J	<0.054U	<0.2U	-	14	63B
SSHS-B2792	SSHS-B2792-SS	5/15/2019	0-0.17	25	11,000	<0.52U	6.9	110	0.56J	0.36J	5000	-	48	-	9	28	21,000	4100	520	0.079	42	1100	<0.78U	<0.16U	<0.49U	-	15	87
SSHS-B2793	SSHS-B2793-SS	5/15/2019	0-0.17	31	10,000	<0.45U,F2,F1	7	120	0.5J	0.37J	4700F1	-	44	-	8.9	35	20,000	3700	520	0.074F1,F2	93	1100	<0.69U	<0.14U	<0.43U	-	14	100F1
SSHS-B2794	SSHS-B2794-SS	5/15/2019	0-0.17	21	12,000	<0.49U	7.2	110	0.6	0.35J	4100	-	43	-	10	22	23,000	3500	610	0.19	24	1200	<0.75U	<0.15U	<0.47U	-	17	76
SSHS-B2795	SSHS-B2795-SS	5/15/2019	0-0.17	23	10,000	<0.51U	6.2	100	0.5J	0.35J	4400	-	49	-	8.2	25	20,000	3400	480	0.32	25	1500	<0.77U	<0.16U	<0.48U	-	14	83
SSHS-B2796	SSHS-B2796-SS	5/15/2019	0-0.17	23	11,000	<0.54U	7.1	110	0.56J	0.4J	3200	-	64	-	9.4	27	22,000	3300	540	0.06	23	1200	<0.81U	<0.17U	<0.51U	-	16	81

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Lead	Metals																							
				Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
			Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000
Location	**Field ID**	**Sample Date**	**Sample Depth**																									
SSHS-B2797	SSHS-B2797-SS	5/15/2019	0-0.17	22	11,000	<0.5U	7.2	100	0.54J	0.35J	5100	-	48	-	9.2	23	22,000	3800	520	0.042J	21	1200	<0.75U	<0.15U	<0.47U	-	15	75
SSHS-B2798	SSHS-B2798-SS	5/15/2019	0-0.17	22	11,000	<0.51U	7.1	99	0.52J	0.34J	8000	-	59	-	8.9	27	22,000	4300	540	0.063	22	1200	<0.77U	<0.16U	<0.48U	-	15	82
SSHS-B2799	SSHS-B2799-SS	5/15/2019	0-0.17	25	12,000	<0.49U	8.3	100	0.59	0.38J	4100	-	63	-	9.8	27	24,000	4100	550	0.064	27	1300	<0.75U	<0.15U	<0.47U	-	16	82
SSHS-B28	B23451	5/9/2000	0-0.25	20N*	-	-	5.2N*	130	<0.59U	<0.59U	-	-	21.5	-	-	18.8N*	-	-	-	<0.06UN	23.5N	-	<0.59U	<1.2U	-	-	-	77.2N
SSHS-B2800	SSHS-B2800-SS	5/15/2019	0-0.17	23	10,000	<0.51U	7.1	99	0.52J	0.4J	7900	-	61	-	8.5	26	21,000	5200	520	0.1	29	1200	<0.77U	<0.16U	<0.48U	-	14	76
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	28	10,000	<0.24U	8.3	120	0.52	<0.18J	3000	-	14B	-	8.9	23	21,000	2900	510	0.093	32B	1100	<0.79J	<0.049U	<0.18U	-	14	69B
SSHS-B33	B23452	5/9/2000	0-0.25	13.1N*	-	-	5.6N*	99.8	<0.53U	<0.53U	-	-	11	-	-	15.8N*	-	-	-	<0.05UN	18.8N	-	<0.52U	<1.1U	-	-	-	58.6N
SSHS-B36	B36	9/12/2000	0-0	24.2	-	<1.13U	5.91	80.4	<0.566U	<0.566U	-	-	10.9	-	6.43	15.6	-	-	-	0.0618	14.3	-	0.908	<1.13U	<1.13U	<56.6U	12.3	59.1
SSHS-B37	B37	9/12/2000	0-0	9.7	-	<1.1UN	3.5	59.4	<0.54U	<0.54U	-	-	5.8	-	8.3	6.8N	-	-	-	<0.05U	7.6	-	<0.54U	<1.1U	<1.1U	<53.9U	6.6	27.7
SSHS-B38	B38	9/12/2000	0-0	23.2	-	<1.16U	5.16	108	0.588	<0.578U	-	-	20.7	-	9.66	18.8	-	-	-	<0.0578U	21	-	1.64	<1.16U	<1.16U	<57.8U	17.2	70.5
SSHS-B39	B39	9/12/2000	0-0	15.3	-	<1.26U	5.03	89.3	<0.631U	<0.631U	-	-	21.5	-	8.11	14.8	-	-	-	<0.0631U	17.6	-	0.871	<1.26U	<1.26U	<63.1U	17	56.3
SSHS-B40	B40	9/12/2000	0-0	26.3	-	<1.24U	5.01	111	<0.62U	<0.62U	-	-	73.1	-	8.98	22.8	-	-	-	0.0757	28.6	-	1.15	<1.24U	<1.24U	<62U	17.2	77.7
SSHS-B41	B41	9/12/2000	0-0	19.4	-	<1.18U	5.5	101	0.619	<0.591U	-	-	32	-	9.17	14.3	-	-	-	0.227	18.9	-	<0.591U	<1.18U	<1.18U	<59.1U	16.3	71.6
SSHS-B42	B42	9/12/2000	0-0	23.4	-	<1.2UN	5.4	113	0.61	<0.61U	-	-	28.9	-	9.4	21.4N	-	-	-	<0.06U	23.7	-	<0.59U	<1.2U	<1.2U	<60.9U	16.5	70.4
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	20	9400	<0.24U	7.3	110	0.49	<0.14J	1700	-	15B	-	7.6	19	18,000	2400	400	<0.031J	18	1000	<0.33U	<0.049U	<0.18U	-	15	58B
SSHS-B43	B43	9/12/2000	0-0	11.2	-	<1.11U	4.54	64.5	<0.554U	<0.554U	-	-	8.82	-	6.43	9.5	-	-	-	<0.0554U	13.1	-	0.879	<1.11U	<1.11U	<55.4U	11.8	48.1
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	15	11,000	<0.25U	8.1	100	0.53	<0.13J	2000	-	13	-	9	22	21,000	2800	490	<0.023J	32B	1100	<0.42J	<0.05U	<0.18U	-	15	100B
SSHS-B44	B44	9/13/2000	0-0	15.1	-	<1.28U	5.4	101	0.679	<0.639U	-	-	16.1	-	9.95	14.2	-	-	-	<0.0639U	20.7	-	0.81	<1.28U	<1.28U	<63.9U	18.9	62.6
SSHS-B45	B45	9/13/2000	0-0	19.3	-	<1.31UN	6.5	106	<0.65U	<0.65U	-	-	15	-	9.8	17.4N	-	-	-	<0.06U	20.8	-	<0.63U	<1.3U	<1.3U	<65.3U	17.5	63.1
SSHS-B46	B46	9/13/2000	0-0	16.1	-	<1.31U	5.84	110	<0.656U	<0.656U	-	-	14.3	-	8.66	13.5N	-	-	-	<0.0656U	17.6	-	<0.656U	<1.31U	<1.31U	<65.6U	16	57.1
SSHS-B47	B47	9/13/2000	0-0	18.3	-	1.31IN	5.7	125	<0.656U	<0.656U	-	-	16.6	-	9.1	16.3N	-	-	-	<0.06U	20.1	-	<0.63U	<1.3U	<1.3U	<65.1U	16	63
SSHS-B48	B48	9/13/2000	0-0	17.5	-	<1.33U	5.83	115	<0.654U	<0.654U	-	-	14.6	-	9.16	13.8	-	-	-	<0.0664U	18.6	-	0.883	<1.33U	<1.33U	<66.4U	18.1	55.8
SSHS-B49	B49	9/13/2000	0-0	18.6	-	<1.25U	5.62	106	0.688	<0.624U	-	-	16.9	-	10.3	17.4	-	-	-	0.132	21.8	-	0.84	<1.25U	<1.25U	<62.4U	19.4	70.8
SSHS-B50	B50	9/13/2000	0-0	16.6	-	<1.27U	5.67	121	<0.635U	<0.635U	-	-	16.9	-	10.3	18.7	-	-	-	<0.0635U	22.2	-	1.57	<1.27U	<1.27U	<63.5U	17.9	64.1
SSHS-B51	B51	9/13/2000	0-0	5.51	-	<1.12U	3.9	36.8	<0.558U	<0.558U	-	-	13.2	-	<5.58U	7.38	-	-	-	<0.0558U	5.27	-	<0.558U	<1.12U	<1.12U	<55.8U	27.6	26.6
SSHS-B52	B52	9/13/2000	0-0	17.3	-	<1.3UN	5.8	144	<0.66U	<0.66U	-	-	37.9	-	10.2	19.2N	-	-	-	<0.07U	21.9	-	<0.66U	<1.3U	<1.3U	<66.5U	17.6	67.9
SSHS-B53	B53	9/13/2000	0-0	16	-	<1.33U	4.78	92.3	<0.666U	0.77	-	-	58.2	-	10.2	22.4	-	-	-	<0.0666U	22.8	-	1.62	<1.33U	<1.33U	<66.6U	16.6	68.7
SSHS-B54	B54	9/13/2000	0-0	20.2	-	<1.35U	5.72	133	<0.673U	0.907	-	-	91.4	-	10.9	23.1	-	-	-	<0.0673U	27.6	-	1.47	<1.35U	<1.35U	<67.3U	19.9	84.4
SSHS-B55	B55	9/13/2000	0-0	34	-	<1.3UN	5.8	124	<0.67U	<0.67U	-	-	39.5	-	9.9	19.8N	-	-	-	0.236	21.9	-	0.7	<1.3U	<1.4U	<67.2U	16.5	77.3
SSHS-B56	B56	9/13/2000	0-0	17	-	<1.29U	4.76	112	<0.644U	0.654	-	-	51.2	-	9.06	18.3	-	-	-	<0.0644U	20.1	-	1.18	<1.29U	<1.29U	<64.4U	14.7	67.4
SSHS-B57	B57	9/13/2000	0-0	20.2	-	<1.2UN	5.3	84.2	<0.58U	0.58	-	-	39.1	-	9.2	19.3N	-	-	-	<0.06U	21.6	-	<0.59U	<1.2U	<1.2U	<58.1U	17	66
SSHS-B58	B58	9/13/2000	0-0	5.06	-	<1.14U	5.23	43.4	<0.571U	0.63	-	-	15.9	-	6.32	8.07	-	-	-	<0.0571U	5.62	-	0.967	<1.14U	<1.14U	<57.1U	33.4	25.5
SSHS-B59	B59	9/13/2000	0-0	16.2	-	<1.19U	5.36	109	0.652	<0.597U	-	-	19.2	-	10	19.3	-	-	-	<0.0597U	24.8	-	0.962	<1.19U	<1.19U	<59.7U	20.5	67.5
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	18	11,000	<0.23U	8.4	100	0.55	<0.11J	2100	-	14	-	9.3	16	20,000	3100	490	<0.033J	21B	900	<0.5J	<0.046U	<0.18J	-	15	60B
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	23	9900	<0.24U	8	110B	0.49	<0.13J	2200B	-	13	-	8.6	19	20,000B	2800B	570	<0.036J	26	900B	<0.58J	<0.05U	<0.18U	-	13	63B
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	73	7100	<0.26U	8.4	72B	<0.38J	<0.25J,B	7700	-	20	-	6.6	24	17,000	2900	440	<0.035J	16	850B	<0.61J	<0.053U	<0.19U	-	12B	89B
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	18	9000	<0.28U	7.2	80B	<0.46J	<0.71U	2200B	-	14	-	7.5	16	19,000	2500	420	<0.038J	18B	770	<0.45J	<0.057U	<0.21U	-	11	62B
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	18	9700	<0.24U	7.4	94B	0.5	<0.61U	2200B	-	13	-	8.5	16	20,000	2700	460	<0.032J	20B	710	<0.33U	<0.049U	<0.21J	-	12	59B
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	18	9900	<0.26U	8.6	99B	0.51	<0.64U	2200B	-	14	-	8.5	17	20,000	2800	480	<0.036J	19B	960	<0.34U	<0.052U	<0.19U	-	12	63B
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	19	10,000	<0.27U	7.8	99	<0.52J	<0.67U	2400	-	14	-	8.8	16	20,000	2900	500	<0.03J	20B	910B	<0.89J	<0.054U	<0.2U	-	14	60B
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	20	12,000	<0.24U	8.4	91B	0.56	<0.61U	1700B	-	14	-	9.6	16	22,000	3100	540	<0.031J	22B	830	<0.61J	<0.05U	<0.18U	-	15	61B
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	15	11,000	<0.26U	8.2	88B	0.55	<0.66U	2300	-	14	-	9.3	15	21,000	3000	500	<0.032J	20	920B	<0.61J	<0.053U	<0.19U	-	14B	56B
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	67	9200	<0.27U	8.3	110B	<0.49J	<0.69U	3900	-	15	-	8.1	26	20,000	2900	460	0.045	44	1200B	<0.67J	<0.055U	<0.2U	-	13B	79B
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	32	9100	<0.24UJ	7.7	97B	0.49	<0.6U	8200	-	15	-	8	34	19,000	3900	470	0.068	40	860B	<0.32U	<0.049U	<0.18U	-	13B	82B
SSHS-SS1	B23456	5/10/2000	0-0.25	30.3	-	-	6.2	111	<0.74U	<0.74U	-	-	88.1	-	-	24.8	-	-	-	<0.07U	20.7	-	<0.76U	<1.5U	-	-	-	90.6
SSHS-SS10	SS10	9/12/2000	0-0	23.4	-	<1.12U	5.91	92.7	<0.559U	<0.559U	-	-	11.6	-	7.86	19.4	-	-	-	0.147	18.1	-	1.02	<1.12U	<1.12U	<55.9U	15.4	72.6
SSHS-SS11	SS11	9/12/2000	0-0	25.8	-	<1.11U	6.63	99.6	<0.554U	<0.554U	-	-	12.2	-	8.19	20.1	-	-	-	0.113	19.2	-	0.732	<1.11U	<1.11U	<55.4U	16.6	70.1
SSHS-SS13	SS13	9/12/2000	0-0	24.6	-	<1.19U	4.08	63.1	<0.595U	<0.864U	-	-	12.7	-	6.93	14.6	-	-	-	0.0998	15	-	1.26	<1.19U	<1.19U	<59.5U	11.6	58.3
SSHS-SS14	SS14	9/12/2000	0-0	78.6	-	<1.26U	5.35	110	<0.628U	<0.628U	-	-	16.2	-	9.36	862	-	-	-	0.157	31.4	-	1.22	<1.26U	<1.26U	<62.8U	16.5	151
SSHS-SS14-A	SSHS-SS14-A-SS	7/21/2014	0-0.17	15	8200	<0.21UJ	6.4	94	0.43	<0.027J	4500J	-	11	-	7.9	13	17,000	3500	440	0.2	18	710	<0.33J	<0.043U	<0.16U	-	12	55B
SSHS-SS2	B23458	5/10/2000	0-0.25	26.2	-	-	5.3	124	<0.69U	<0.69U	-	-	107	-	-	25.6	-	-	-	<0.07U	25.8	-	<0.7U	<1.4U	-	-	-	92.6
SSHS-SS3	B23469	5/10/2000	0-0.25	18.4	-	-	4	134	<0.68U	<0.68U	-	-	14.3	-	-	14.6	-	-	-	<0.7U	21.8	-	<0.68U	<1.4U	-	-	-	62.7
SSHS-SS4	B23483	5/11/2000	0-0.25	23.5	-	-	6.8	110	<0.65U	<0.65U	-	-	20.8	-	-	20.5	-	-	-	<0.06U	21.3	-	<0.65U	<1.3U	-	-	-	68
SSHS-SS5	SS5	9/12/2000	0-0	20.5	-	<1.36U	5.28	97.4	<0.682U	<0.682U	-	-	89.5	-	9.22	28.2	-	-	-	0.158	21.1	-	1.58	<1.36U	<1.36U	<68.2U	17.2	83.2
SSHS-SS7	SS7	9/12/2000	0-0	59.1	-	<1.31UN	7	93.4	<0.66U	0.72	-	-	73.9	-	9	25.8N	-	-	-	0.0934	20.5	-	<0.67U	<1.3U	<1.3U	<65.6U	15.5	81.5
SSHS-SS8	SS8	9/12/2000	0-0	21	-	<1.43U	4.01	105	<0.714U	<0.714U	-	-	74.6	-	9.67	24.4	-	-	-	0.164	22.4	-	1.07	<1.43U	<1.43U	<71.4U	17.4	77
SSHS-SS9	SS9	9/12/2000	0-0	22.8	-	<1.36U	4.62	102	<0.682U	0.745	-	-	106	-	9.86	27.6	-	-	-	0.142	23.3	-	1.43	<1.36U	<1.36U	<68.2U	18.6	86.5

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

TABLE E-3
Summary of Metals in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

	Lead	Metals																								
	Lead	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (hexavalent)	Chromium (III+VI)	Chromium (Trivalent)	Cobalt	Copper	Iron	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.39	7.9	0.14	0.39	7.9	0.16	0.014	200	0.22	0.2		2	0.99	3.9	200	0.59	0.0072	1.6	200	0.25	0.038	0.14		2	0.79
Restricted - Residential	400			16	400	72	4.3		110	110	180		270			2000	0.81	310		180	180				10000

Location **Field ID** **Sample Date** **Sample Depth**

ft bgs - feet below ground surface
PCBs - polychlorinated biphenyls
Metal concentrations exceeding the Restricted Residential soil cleanup objective are highlighted in grey.

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B10	B23464	5/10/2000	2-3	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-	<0.006U
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0007U	<0.00067U	<0.00076U	<0.0015U	<0.00081U	-	<0.00051U,*	<0.00075U	<0.00086U	<0.0006U	<0.00088U	<0.00078U	<0.00064U	-	<0.00056U	<0.00071U	<0.00058U	<0.00046U	<0.00046U,*	<0.00074U	<0.0016U	<0.00061U
SSHS-B100	SSHS-B100-10-13.5 (12)	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	<0.0006U
SSHS-B100	SSHS-B100-4-6 (5.5)	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	<0.0014J
SSHS-B100	SSHS-B100-6-10 (8)	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	<0.00055U
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<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	<0.00047U
SSHS-B101	SSHS-B101-12-15.5R (15)	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	<0.00058U
SSHS-B101	SSHS-B101-3-6 (4)	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	<0.00085U
SSHS-B101	SSHS-B101-8-10 (9)	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	<0.0012U
SSHS-B11	B23461	5/10/2000	1-3	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-B12	B23468	5/10/2000	1-4	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-B13	B23466	5/10/2000	1-2	<0.0058U	<0.0058U	<0.0058U	0.0015J	0.0014J	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	0.0013J
SSHS-B14	B23470	5/10/2000	5-6	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	-	<0.0055U	-	-	0.0012J
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-B15	B23405T2	7/11/2000	0.75-1	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-B15	B23454	5/10/2000	4-5	<0.0056U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-B16	B23457	5/10/2000	1-2	<0.0057U	<0.0057U	0.0017	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-B17	B23459	5/10/2000	1-3	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	-	<0.0062U	-	-	<0.0062U
SSHS-B18	B23460	5/10/2000	1-3	<0.0055U	<0.0055U	0.0014J	<0.0055U	<0.0055U	-	<0.0055U	-	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	-	<0.0055U	-	-	<0.0055U
SSHS-B19	B23453	5/9/2000	1-4	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	<0.0019J
SSHS-B2	B23488	5/12/2000	1-2	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	-	<0.0063U	<0.0063U	-	<0.0063U	-	-	-	-	-	<0.0063U	-	-	<0.0063U
SSHS-B20	B23450	5/9/2000	5-7	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	0.0013J
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0027U	<0.0047U	<0.0027U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0045U	<0.0027U	<0.0022U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.005U	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U,*	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.003U	<0.0025U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0026U	<0.0022U
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.002U	<0.0022U	<0.0018U	<0.002U	<0.0025U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U,*	<0.0015U	<0.0041U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.004U	<0.0025U	<0.002U	<0.0024U	<0.0026U	<0.0034U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.0031U	<0.0025U
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.004U	<0.0025U	<0.0019U	<0.0024U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0042U	<0.0024U	<0.0029U	<0.0023U	<0.0018U	<0.0028U	<0.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<0.002U
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0042U	<0.0024U	<0.0029U	<0.0023U	<0.0018U	<0.0028U	<0.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<0.002U
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	<0.0017U	<0.0019U	<0.0015U	<0.0017U	<0.0022U	<0.0038U	<0.0022U	<0.0026U	<0.0021U	<0.0016U	<0.0025U	<0.0027U	<0.0013U	<0.0035U	<0.0022U	<0.0017U	<0.0021U	<0.0023U	<0.0029U	<0.0021U	<0.0023U	<0.0019U
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	<0.0027U	<0.0029U	<0.0023U	<0.0026U	<0.0033U	<0.0059U	<0.0034U	<0.0041U	<0.0033U	<0.0025U	<0.0039U	<0.0042U	<0.002U	<0.0055U	<0.0034U	<0.0026U	<0.0032U	<0.0036U	<0.0045U	<0.0033U	<0.0035U	<0.0029U
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.0024U	<0.0027U	<0.0021U	<0.0023U	<0.003U	<0.0053U	<0.0031U	<0.0037U	<0.003U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<0.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.003U	<0.0032U	<0.0026U
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	<0.0024U	<0.0026U	<0.002U	<0.0023U	<0.0029U	<0.0052U	<0.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U	<0.0018U	<0.0048U	<0.003U	<0.0023U	<0.0028U	<0.0031U	<0.004U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.0023U	<0.0026U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U	<0.0017U	<0.0048U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.004U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0027U	<0.0022U
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	<0.0019U	<0.0021U	0.0032J	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0028U	<0.0031U	<0.0014U	<0.004U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.0021U	<0.0023U	0.004J	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0025U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.0024U	<0.0026U	<0.0021U	<0.0023U	<0.003U	<0.0053U	<0.0031U	<0.0037U	<0.0029U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<0.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.0029U	<0.0032U	<0.0026U
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.0029U	<0.0032U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	<0.0026U	<0.0028U	<0.0022U	<0.0025U	<0.0032U	<0.0057U,F1	<0.0033U	<0.0039U	<0.0032U	<0.0024U	<0.0038U	<0.004U	<0.0019U	<0.0052U	<0.0032U	<0.0025U	<0.0031U	<0.0034U	<0.0044U	<0.0032U	<0.0034U	<0.0028U
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.0029U	<0.0032U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	<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	<0.0024U
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0027U	<0.0021U	<0.0032U	<0.0035U	<0.0017U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	<0.0024U	<0.0026U	<0.0021U	<0.0023U	<0.003U	<0.0053U	<0.0031U	<0.0037U	<0.0029U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<0.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.0029U	<0.0032U	<0.0026U
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.003U	<0.0025U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0026U	<0.0022U
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	<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	<0.0024U
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0045U	<0.0027U	<0.0022U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B10	B23464	5/10/2000	2-3	-	<0.006U	-	0.0014J	<0.0022U	0.01	<0.006U	-	<0.006U	-	-	<0.4U	<0.4U	<0.006U	-	-	-	-	-	-	-	-
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00088U	<0.00073U	<0.0007U	<0.0007U	<0.00068U	<0.00071U	<0.00062U,*	<0.00062U	<0.00049U	<0.00088U	<0.00092U	<0.00083U	<0.00068U	<0.00079U	<0.0009U	<0.00077U	<0.00069U	<0.00095U	-	-	-	-
SSHS-B100	SSHS-B100-10-13.5 (12)	8/15/2014	10-13.5	<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-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<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-B100	SSHS-B100-6-10 (8)	8/15/2014	6-10	<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	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.00069U	<0.00057U	<0.00055U	<0.00054U	<0.00094J	<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-B101	SSHS-B101-12-15.5R (15)	8/14/2014	12-15.5	<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-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<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-B101	SSHS-B101-8-10 (9)	8/14/2014	8-10	<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-B11	B23461	5/10/2000	1-3	-	<0.0057U	-	<0.0057U	0.0014J	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.38U	<0.38U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B12	B23468	5/10/2000	1-4	-	<0.0058U	-	<0.0058U	<0.0058U	0.0016J	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B13	B23466	5/10/2000	1-2	-	<0.0058U	-	<0.0058U	0.0098	0.0036J	<0.0058U	-	<0.0058U	-	-	<3.8U	<3.8U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B14	B23470	5/10/2000	5-6	-	<0.0055U	-	<0.0055U	<0.0055U	0.0035J	<0.0055U	-	<0.0055U	-	-	<0.36U	<0.36U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	-	<0.0057U	-	<0.0057U	0.0016J	0.0011J	<0.0057U	-	<0.0057U	-	-	<0.37U	<0.37U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B15	B23405T2	7/11/2000	0.75-1	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B15	B23454	5/10/2000	4-5	-	<0.0058U	-	<0.0058U	<0.0058U	0.012	<0.0058U	-	<0.0058U	-	-	<0.39U	<0.39U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B16	B23457	5/10/2000	1-2	-	<0.0057U	-	0.0016J	0.015	0.022	<0.0057U	-	<0.0057U	-	-	<0.38U	<0.38U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B17	B23459	5/10/2000	1-3	-	<0.0062U	-	<0.0062U	0.032	0.0036J	<0.0062U	-	<0.0062U	-	-	<0.41U	<0.41U	<0.0062U	-	-	-	-	-	-	-	-
SSHS-B18	B23460	5/10/2000	1-3	-	<0.0055U	-	<0.0055U	0.04	0.0048J	<0.0055U	-	<0.0055U	-	-	<0.37U	<0.37U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B19	B23453	5/9/2000	1-4	-	<0.0056U	-	0.0038J	0.0067	0.028	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B2	B23488	5/12/2000	1-2	-	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	-	<0.41U	<0.41U	<0.0063U	-	-	-	-	-	-	-	-
SSHS-B20	B23450	5/9/2000	5-7	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.004U	<0.0016U	<0.0017U	<0.0024U	<0.0016U	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0021U	<0.0017U	<0.0042U	<0.0017U	<0.0016U	<0.0028U	<0.0047U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	<0.0042U	<0.0017U	<0.0017U	<0.0026U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.0031U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.0031U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	<0.0043U	<0.0017U	<0.0018U	0.0027J	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.0045U	<0.0018U	<0.0019U	<0.0028U	<0.0018U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0047U	<0.0019U	<0.0018U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.003U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0026U	<0.0018U	<0.0037U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.004U	<0.0016U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0016U	<0.0028U	<0.0047U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	<0.0045U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0047U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0026U	<0.0018U	<0.0037U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0037U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0015U	-	-	-	-
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	<0.0045U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0047U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	<0.0041U	<0.0017U	<0.0017U	0.0026J	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	<0.0037U	<0.0015U	<0.0016U	<0.0023U	<0.0015U	<0.0019U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.0039U	<0.0015U	<0.0015U	<0.0026U	<0.0044U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	<0.0037U	<0.0015U	<0.0015U	<0.0023U	<0.0015U	<0.0019U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.0039U	<0.0015U	<0.0015U	<0.0026U	<0.0044U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	<0.0034U	<0.0014U	<0.0014U	<0.0021U	<0.0013U	<0.0018U	<0.0022U	<0.0015U	<0.0032U	<0.0018U	<0.0014U	<0.0036U	<0.0014U	<0.0014U	<0.0024U	<0.004U	<0.0026U	<0.0013U	-	-	-	-
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	<0.0053U	<0.0022U	<0.0022U	<0.0032U	<0.0021U	<0.0027U	<0.0035U	<0.0024U	<0.005U	<0.0028U	<0.0022U	<0.0055U	<0.0022U	<0.0022U	<0.0037U	<0.0062U	<0.004U	<0.002U	-	-	-	-
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	<0.0042U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.0047U	<0.0019U	<0.002U	<0.0029U	<0.0018U	<0.0025U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.005U	<0.002U	<0.0019U	<0.0034U	<0.0055U	<0.0036U	<0.0018U	-	-	-	-
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0044U	<0.0025U	<0.0019U	<0.0049U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0018U	-	-	-	-
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.0046U	<0.0019U	<0.0019U	0.0034J	<0.0018U	<0.0024U	<0.003U	<0.0021U	<0.0044U	<0.0025U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	<0.0041U	<0.0017U	<0.0017U	0.0026J	0.0043J	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.0042U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.0042U	<0.0017U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	<0.0038U	<0.0016U	<0.0016U	<0.0023U	0.0062	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.0041U	<0.0017U	<0.0017U	0.0028J	0.003J	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.0047U	<0.0019U	<0.002U	<0.0029U	<0.0018U	<0.0025U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.0049U	<0.002U	<0.0019U	<0.0033U	<0.0055U	<0.0036U	<0.0018U	-	-	-	-
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	<0.004U	<0.0016U	<0.0016U	<0.0024U	0.024	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0021U	<0.0017U	<0.0042U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	<0.0051U	<0.0021U	<0.0021U	<0.0031U	<0.002U	<0.0026U	<0.0033U	<0.0023U	<0.0048U	<0.0027U	<0.0021U	<0.0053U	<0.0021U	<0.0021U	<0.0036U	<0.0059U	<0.0038U	<0.0019U	-	-	-	-
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	<0.004U	<0.0016U	<0.0016U	0.0028J	0.0047J	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0021U	<0.0017U	<0.0042U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0019U	<0.0046U	<0.0018U	<0.0018U	<0.0032U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	<0.0044U	<0.0018U	<0.0018U	<0.0027U	0.0045J	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	<0.0047U	<0.0019U	<0.002U	0.0029J	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.0049U	<0.002U	<0.0019U	<0.0033U	<0.0055U	<0.0036U	<0.0018U	-	-	-	-
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	0.0059	<0.002U	<0.0026U	<0.0018U	<0.0037U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	<0.0045U	<0.0018U	<0.0019U	<0.0028U	0.0041J	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0047U	<0.0019U	<0.0018U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	<0.0044U	<0.0018U	<0.0018U	<0.0027U	0.011	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0019U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.0031U	<0.005U	<0.0033U	<0.0016U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B10	B23464	5/10/2000	2-3	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.004U
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0007U	-	-	-	-	<0.00073U	-	<0.022U	<0.0003U	<0.046U	<0.0092U	-	<0.0074U	<0.25U	-	<0.00028U	<0.0055U	<0.022U	<0.0091U	0.02	<0.003U	<0.012U
SSHS-B100	SSHS-B100-10-13.5 (12)	8/15/2014	10-13.5	<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
SSHS-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<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
SSHS-B100	SSHS-B100-6-10 (8)	8/15/2014	6-10	<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
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.00055U	-	-	-	-	<0.00057U	-	<0.00027U	<0.00029U	<0.044U	<0.006U	-	<0.0023U	<0.18U	-	<0.00027U	<0.0026U	0.097	<0.0072U	0.013	<0.0018U	<0.007U
SSHS-B101	SSHS-B101-12-15.5R (15)	8/14/2014	12-15.5	<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
SSHS-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<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
SSHS-B101	SSHS-B101-8-10 (9)	8/14/2014	8-10	<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
SSHS-B11	B23461	5/10/2000	1-3	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0038U
SSHS-B12	B23468	5/10/2000	1-4	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B13	B23466	5/10/2000	1-2	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B14	B23470	5/10/2000	5-6	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23405T2	7/11/2000	0.75-1	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B15	B23454	5/10/2000	4-5	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-B16	B23457	5/10/2000	1-2	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0038U
SSHS-B17	B23459	5/10/2000	1-3	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U
SSHS-B18	B23460	5/10/2000	1-3	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B19	B23453	5/9/2000	1-4	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B2	B23488	5/12/2000	1-2	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.0041U	0.019	<0.0021U	<0.0041U	<0.0041U
SSHS-B20	B23450	5/9/2000	5-7	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	<0.0022U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	<0.0022U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	<0.002U	-	-	-	-	<0.0012U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	<0.0032U	-	-	-	-	<0.0018U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.0029U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	<0.0031U	-	-	-	-	<0.0018U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B10	B23464	5/10/2000	2-3	<0.0021U	-	-	-	<0.0021U	-	-	-	1.214	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.062U	<0.014U	<0.01U	<0.00033U	<0.011U	<0.2U	<0.056U	<0.012U	0.857	<0.00092U	<0.00072U	<0.00068U	0.024	<0.00053U	<0.00039U	<0.00078U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B100	SSHS-B100-10-13.5 (12)	8/15/2014	10-13.5	<0.00039U	<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	<0.046U	<0.026U	<0.043U	<0.061U
SSHS-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<0.00038U	<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	<0.045U	<0.025U	<0.042U	<0.059U
SSHS-B100	SSHS-B100-6-10 (8)	8/15/2014	6-10	<0.00039U	<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	<0.047U	<0.026U	<0.043U	<0.061U
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.042U	<0.0078U	<0.0061U	<0.00032U	<0.014U	<0.13U	<0.042U	<0.012U	<0	<0.00071U	<0.00056U	<0.00053U	<0.004U	<0.00041U	<0.0003U	<0.0006U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B101	SSHS-B101-12-15.5R (15)	8/14/2014	12-15.5	<0.00037U	<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	<0.044U	<0.025U	<0.041U	<0.057U
SSHS-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<0.00039U	<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	<0.047U	<0.026U	<0.043U	<0.061U
SSHS-B101	SSHS-B101-8-10 (9)	8/14/2014	8-10	<0.0021U	<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	<0.047U	<0.026U	<0.044U	<0.062U
SSHS-B11	B23461	5/10/2000	1-3	<0.0019U	-	-	-	<0.0019U	-	-	-	0.898	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B12	B23468	5/10/2000	1-4	<0.002U	-	-	-	<0.002U	-	-	-	0.043	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B13	B23466	5/10/2000	1-2	<0.002U	-	-	-	<0.002U	-	-	-	13.75	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B14	B23470	5/10/2000	5-6	<0.0019U	-	-	-	<0.0019U	-	-	-	<0	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	-	-	-	-	-	-	-	-	<0	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B15	B23405T2	7/11/2000	0.75-1	<0.002U	-	-	-	<0.002U	-	-	-	0.095	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B15	B23454	5/10/2000	4-5	<0.002U	-	-	-	<0.002U	-	-	-	12.63	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B16	B23457	5/10/2000	1-2	<0.0019U	-	-	-	<0.0019U	-	-	-	1.014	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B17	B23459	5/10/2000	1-3	<0.0021U	-	-	-	<0.0021U	-	-	-	<0	<0.012U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B18	B23460	5/10/2000	1-3	<0.0019U	-	-	-	<0.0019U	-	-	-	3.98	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B19	B23453	5/9/2000	1-4	<0.0019U	-	-	-	<0.0019U	-	-	-	0.532	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B2	B23488	5/12/2000	1-2	<0.0021U	-	-	-	<0.0021U	-	-	-	<0	<0.013U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B20	B23450	5/9/2000	5-7	<0.002U	-	-	-	<0.002U	-	-	-	1.803	0.005J	-	-	0.021J	-	-	-	-	-	-	-	-	-
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	11.44	<0.003U	<0.0043U	<0.0019U	<0.0033U	<0.0031U	<0.0013U	<0.0038U	<0.039U	<0.032U	<0.034U	<0.67U	<0.16U	<0.15U
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.002U	0.018J	<0.0033U	<0.0013U	<0.004U	-	-	<0.04U	-	-	-
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	3.746	<0.0032U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	<0.019U	<0.016U	<0.017U	<0.33U	<0.079U	<0.073U
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0047U	<0.0021U	0.0091J	<0.0034U	<0.0014U	<0.0041U	-	-	<0.041U	-	-	-
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.0021U	0.0084J	<0.0033U	<0.0014U	<0.0041U	-	-	<0.04U	-	-	-
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	0.3799	-	-	-	-	-	-	-	<0.019U	<0.016U	<0.017U	<0.33U	<0.077U	<0.071U
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	0.06296	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	<0.02U	<0.017U	<0.018U	<0.35U	<0.081U	<0.075U
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	-	-	-	-	-	-	-	-	<0.2018	<0.0032U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	<0.37U	<0.31U	<0.041U	<6.4U	<1.5U	<1.4U
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0012U	<0.0038U	-	-	<0.037U	-	-	-
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	-	-	-	-	-	-	-	-	0.5659	<0.003U	<0.0044U	<0.0019U	0.02J	<0.0031U	<0.0013U	<0.0038U	<0.38U	<0.32U	<0.038U	<6.6U	<1.6U	<1.4U
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	1.826	<0.0034U	<0.0049U	<0.0022U	0.077	<0.0036U	<0.0014U	<0.0043U	<0.022U	<0.018U	<0.019U	<0.37U	<0.088U	<0.081U
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0012U	<0.0037U	-	-	<0.037U	-	-	-
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	-	-	-	-	-	-	-	-	3.913	<0.0034U	<0.005U	<0.0022U	0.008J	<0.0036U	<0.0014U	<0.0044U	<0.05U	<0.041U	<0.043U	<0.86U	<0.2U	<0.19U
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0042U	<0.0019U	0.008J	<.003U	<0.0012U	<0.0037U	-	-	<0.037U	-	-	-
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.1093	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0036U	<0.0014U	<0.0043U	<0.02U	<0.017U	<0.018U	<0.35U	<0.082U	<0.076U
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	1.89	<0.0031U	<0.0044U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.02U	<0.016U	<0.017U	<0.34U	<0.079U	<0.074U
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0028U	<0.0041U	<0.0018U	<0.0031U	<0.0029U	<0.0012U	<0.0036U	-	-	<0.035U	-	-	-
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.3555	<0.0028U	<0.0041U	<0.0018U	<0.0031U	<0.0029U	<0.0012U	<0.0036U	<0.018U	<0.015U	<0.016U	<0.32U	<0.075U	<0.07U
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0026U	<0.0037U	<0.0016U	<0.0028U	<0.0027U	<0.0011U	<0.0033U	-	-	<0.032U	-	-	-
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.07633	<0.004U	<0.0057U	<0.0025U	<0.0043U	<0.0041U	<0.0017U	<0.005U	<0.02U	<0.017U	<0.018U	<0.35U,F1	<0.082U	<0.076U
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	-	-	<0.039U	-	-	-
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	1.034	<0.0036U	<0.0052U	<0.0023U	<0.0039U	<0.0037U	<0.0015U	<0.0045U	<0.02U	<0.017U	<0.018U	<0.35U	<0.082U	<0.076U
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0035U	<0.0051U	<0.0022U	0.011J	<0.0036U	<0.0015U	<0.0044U	-	-	<0.044U	-	-	-
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.3952	<0.0035U	<0.005U	<0.0022U	<0.0038U	<0.0036U	<0.0015U	<0.0044U	<0.023U	<0.019U	<0.021U	<0.4U	<0.094U	<0.088U
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.0069J	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	0.8632	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.074U
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	-	-	-	-	-	-	-	-	12.62	-	-	-	-	-	-	-	<0.41U	<0.33U	<0.36U	<7U	<1.6U	<1.5U
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	2.662	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	0.021J	<0.017U	<0.018U	<0.36U	<0.084U	<0.078U
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0042U	<0.0018U	0.0086J	<.003U	<0.0012U	<0.0037U	-	-	<0.036U	-	-	-
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	-	-	-	-	-	-	-	-	3.59	<0.0031U	<0.0044U	<0.002U	0.013J	<0.0032U	<0.0013U	<0.0039U	<0.21U	<0.17U	<0.039U	<3.6U	<0.85U	<0.79U
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	1.075	<0.0035U	<0.0051U	<0.0023U	<0.0039U	<0.0037U	<0.0015U	<0.0045U	<0.021U	<0.017U	<0.018U	<0.36U	<0.084U	<0.078U
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0044U	<0.002U	0.015J	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.3265	-	-	-	-	-	-	-	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.074U
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	0.0055J	<0.0031U	<0.0013U	<0.0038U	-	-	<0.038U	-	-	-
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	13.28	<0.0038U	<0.0055U	<0.0024U	<0.0042U	<.004U	<0.0016U	<0.0049U	<0.04U	<0.033U	<0.036U	<0.69U	<0.16U	<0.15U
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	0.0056J	<0.0031U	<0.0013U	<0.0038U	-	-	<0.038U	-	-	-
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	6.489	<0.0033U	<0.0048U	<0.0021U	0.0096J	<0.0035U	<0.0014U	<0.0043U	0.026J	<0.016U	<0.018U	<0.34U	<0.081U	<0.075U
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0033U	<0.0048U	<0.0021U	0.018J	<0.0034U	<0.0014U	<0.0042U	-	-	<0.042U	-	-	-
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	7.203	<0.0035U	<0.0051U	<0.0023U	0.0091J	<0.0037U	<0.0015U	<0.0045U	0.042J	<0.017U	<0.018U	<0.36U	<0.085U	<0.078U
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	17.63	-	-	-	-	-	-	-	<0.081U	<0.067U	<0.072U	<1.4U	<0.33U	<0.31U
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0012U	<0.0038U	-	-	<0.037U	-	-	-
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	8.875	<0.0034U	<0.0049U	<0.0022U	0.0071J	<0.0035U	<0.0014U	<0.0043U	<0.041U	<0.033U	<0.036U	<0.7U	<0.16U	<0.15U
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0033U	<0.0048U	<0.0021U	0.0064J	<0.0035U	<0.0014U	<0.0042U	-	-	<0.042U	-	-	-
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	4.476	0.0094	<0.0047U	<0.0021U	0.024	<0.0034U	<0.0014U	<0.0041U	0.02J	<0.016U	<0.017U	<0.33U	<0.077U	<0.071U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B10	B23464	5/10/2000	2-3	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	0.097	<0.026U	<0.16U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B100	SSHS-B100-10-13.5 (12)	8/15/2014	10-13.5	<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	<0.15U
SSHS-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<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	<0.14U
SSHS-B100	SSHS-B100-6-10 (8)	8/15/2014	6-10	<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	<0.15U
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.0072U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.029J	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B101	SSHS-B101-12-15.5R (15)	8/14/2014	12-15.5	<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	<0.14U
SSHS-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<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	<0.15U
SSHS-B101	SSHS-B101-8-10 (9)	8/14/2014	8-10	<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	<0.15U
SSHS-B11	B23461	5/10/2000	1-3	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B12	B23468	5/10/2000	1-4	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B13	B23466	5/10/2000	1-2	-	-	-	-	-	-	-	-	<3.8U	-	-	-	-	-	-	-	-	-	-	<3.8U	-	-
SSHS-B14	B23470	5/10/2000	5-6	-	-	-	-	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	<0.36U	-	-
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B15	B23405T2	7/11/2000	0.75-1	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B15	B23454	5/10/2000	4-5	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-B16	B23457	5/10/2000	1-2	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B17	B23459	5/10/2000	1-3	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-B18	B23460	5/10/2000	1-3	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B19	B23453	5/9/2000	1-4	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B2	B23488	5/12/2000	1-2	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-B20	B23450	5/9/2000	5-7	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.1U	<0.091U	<0.32U	<0.14U	<0.13U	<0.032U	<0.023U	0.095	<0.071U	<0.091U	<0.03U	<0.066U	<0.098U	<0.11U	<0.18U	<0.032U	<0.1U	<0.068U	<0.032U	-	<0.14U	<0.21U
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	<0.05U	<0.046U	<0.16U	<0.071U	<0.064U	<0.016U	<0.011U	0.071	<0.035U	<0.046U	<0.015U	<0.033U	<0.049U	<0.056U	<0.091U	<0.016U	<0.051U	<0.034U	<0.016U	-	<0.069U	<0.11U
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	<0.049U	<0.044U	<0.16U,F1	<0.069U	<0.062U	<0.016U	<0.011U	0.023	<0.034U	<0.044U	<0.014U,F2	<0.032U	<0.048U,F1	<0.055U	<0.089U,F1	<0.016U	<0.05U	<0.033U	<0.016U	-	<0.067U	<0.1U
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.052U	<0.047U	<0.17U	<0.073U	<0.066U	<0.017U	<0.012U	<0.00059U	<0.037U	<0.047U	<0.015U	<0.034U	<0.051U	<0.058U	<0.094U	<0.017U	<0.053U	<0.035U	<0.017U	-	<0.071U	<0.11U
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.97U	<0.88U	<3.1U	<1.4U	<1.2U	<0.31U	<0.22U	<0.011U	<0.68U	<0.88U	<0.29U	<0.64U	<0.94U	<1.1U	<1.8U	<0.31U	<0.99U	<0.66U	<0.31U	-	<1.3U	<2.1U
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.99U	<0.9U	<3.2U	<1.4U	<1.3U	<0.32U	<0.23U	<0.011U	<0.7U	<0.9U	<0.29U	<0.66U	<0.97U	<1.1U	<1.8U	<0.32U	<1U	<0.68U	<0.32U	-	<1.4U	<2.1U
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	<0.056U	<0.051U	<0.18U	<0.079U	<0.071U	<0.018U	<0.013U	0.018	<0.039U	<0.051U	<0.016U	<0.037U	<0.055U	<0.062U	<0.1U	<0.018U	<0.057U	<0.038U	<0.018U	-	<0.076U	<0.12U
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.13U	<0.12U	<0.42U	<0.18U	<0.16U	<0.041U	<0.029U	0.15	<0.091U	<0.12U	<0.038U	<0.085U	<0.13U	<0.14U	<0.23U	<0.041U	<0.13U	<0.088U	<0.041U	-	<0.18U	<0.28U
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	<0.052U	<0.047U	<0.17U	<0.074U	<0.066U	<0.017U	<0.012U	<0.00059U	<0.037U	<0.047U	<0.015U	<0.034U	<0.051U	<0.058U	<0.095U	<0.017U	<0.053U	<0.036U	<0.017U	-	<0.071U	<0.11U
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	<0.051U	<0.046U	<0.16U	<0.071U	<0.065U	<0.016U	<0.012U	0.13	<0.036U	<0.046U	<0.015U	<0.033U	<0.05U	<0.056U	<0.092U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.069U	<0.11U
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	<0.048U	<0.043U	<0.15U	<0.067U	<0.061U	<0.015U	<0.011U	0.014	<0.034U	<0.043U	<0.014U	<0.032U	<0.047U	<0.053U	<0.087U	<0.015U	<0.049U	<0.033U	<0.015U	-	<0.065U	<0.1U
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	<0.052U	<0.048U	<0.17U	<0.074U	<0.067U	<0.017U	<0.012U	<0.0006U	<0.037U	<0.048U	<0.016U	<0.035U	<0.051U	<0.058U	<0.095U	<0.017U	<0.054U	<0.036U	<0.017U	-	<0.072U	<0.11U
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.052U	<0.048U	<0.17U	<0.074U	<0.067U	<0.017U	<0.012U	0.063	<0.037U	<0.048U	<0.016U	<0.035U	<0.051U	<0.058U	<0.095U	<0.017U	<0.054U	<0.036U	<0.017U	-	<0.072U	<0.11U
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.06U	<0.055U	<0.19U	<0.085U	<0.077U	<0.019U	<0.014U	<0.00068U	<0.042U	<0.055U	<0.018U	<0.04U	<0.059U	<0.067U	<0.11U	<0.019U	<0.062U	<0.041U	<0.019U	-	<0.082U	<0.13U
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.051U	<0.046U	<0.16U	<0.072U	<0.065U	<0.016U	<0.012U	0.0046J	<0.036U	<0.046U	<0.015U	<0.033U	<0.05U	<0.057U	<0.092U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.069U	<0.11U
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	<1.1U	<0.96U	<3.4U	<1.5U	<1.3U	<0.33U	<0.24U	0.29	<0.74U	<0.96U	<0.31U	<0.69U	<1U	<1.2U	<1.9U	<0.33U	<1.1U	<0.72U	<0.33U	-	<1.4U	<2.2U
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.068U	<0.017U	<0.012U	0.088	0.068J	<0.049U	<0.016U	0.2J	<0.052U	<0.06U	<0.097U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.073U	<0.11U
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.54U	<0.49U	<1.7U	<0.76U	<0.69U	<0.17U	<0.12U	0.22	<0.38U	<0.49U	<0.16U	<0.36U	<0.53U	<0.6U	<0.98U	<0.17U	<0.55U	<0.37U	<0.17U	-	<0.74U	<1.2U
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.068U	<0.017U	<0.012U	0.037	<0.038U	<0.049U	<0.016U	<0.035U	<0.053U	<0.06U	<0.098U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.073U	<0.11U
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	<0.051U	<0.046U	<0.16U	<0.072U	<0.065U	<0.016U	<0.012U	<0.00058U	<0.036U	<0.046U	<0.015U	<0.034U	<0.05U	<0.057U	<0.093U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	<0.1U	<0.095U	<0.34U	<0.15U	<0.13U	<0.033U	<0.024U	0.13	<0.073U	<0.095U	<0.031U	<0.069U	<0.1U	<0.12U	<0.19U	<0.033U	<0.11U	<0.071U	<0.033U	-	<0.14U	<0.22U
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	<0.051U	<0.047U	<0.17U	<0.072U	<0.065U	<0.016U	<0.012U	0.12	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.094U	<0.016U	<0.053U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.069U	<0.017U	<0.012U	0.16	<0.038U	<0.049U	<0.016U	<0.036U	<0.053U	<0.06U	<0.098U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.074U	<0.12U
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	<0.21U	<0.19U	<0.68U	<0.3U	<0.27U	<0.067U	<0.048U	0.22	<0.15U	<0.19U	<0.062U	<0.14U	<0.21U	<0.23U	<0.38U	<0.067U	<0.22U	<0.14U	<0.067U	-	<0.29U	<0.45U
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	<0.1U	<0.095U	<0.34U	<0.15U	<0.13U	<0.033U	<0.024U	0.14	<0.074U	<0.095U	<0.031U	<0.069U	<0.1U	<0.12U	<0.19U	<0.033U	<0.11U	<0.072U	<0.033U	-	<0.14U	<0.22U
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	<0.049U	<0.045U	<0.16U	<0.069U	<0.063U	<0.016U	<0.011U	0.087	<0.035U	<0.045U	<0.015U	<0.032U	<0.048U	<0.055U	<0.089U	<0.016U	<0.05U	<0.033U	<0.016U	-	<0.067U	<0.1U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B10	B23464	5/10/2000	2-3	<0.4U	<0.4U	-	<0.4U	-	0.12J	-	0.11J	0.092J	0.093J	0.099J	-	-	-	-	-	-	-	-	0.13J	<0.4U	<0.4U
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.01J	<0.021J	<0.03U	<0.024J	<0.036U	0.077	<0.055U	0.074	0.11	0.076	<0.042J	-	<0.024U	<0.0099U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0068U	0.11	<0.0082U	<0.036U
SSHS-B100	SSHS-B100-10-13.5 (12)	8/15/2014	10-13.5	<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	<0.04U
SSHS-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<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	<0.039U
SSHS-B100	SSHS-B100-6-10 (8)	8/15/2014	6-10	<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	<0.04U
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.0079U	<0.035U
SSHS-B101	SSHS-B101-12-15.5R (15)	8/14/2014	12-15.5	<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	<0.038U
SSHS-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<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	<0.13J
SSHS-B101	SSHS-B101-8-10 (9)	8/14/2014	8-10	<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	<0.079J
SSHS-B11	B23461	5/10/2000	1-3	<0.38U	0.039J	-	<0.38U	-	0.071J	-	0.084J	0.068J	0.12J	0.072J	-	-	-	-	-	-	-	-	0.071J	<0.38U	<0.38U
SSHS-B12	B23468	5/10/2000	1-4	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	-	0.043J	<0.38U	<0.38U
SSHS-B13	B23466	5/10/2000	1-2	<3.8U	0.62J	-	0.43J	-	1.1J	-	1.2J	1.2J	1.4J	1.1J	-	-	-	-	-	-	-	-	1.4J	0.41J	<3.8U
SSHS-B14	B23470	5/10/2000	5-6	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	-	-	-	-	-	-	-	-	<0.36U	<0.36U	<0.36U
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	-	-	-	-	-	-	-	-	<0.37U	<0.37U	<0.37U
SSHS-B15	B23405T2	7/11/2000	0.75-1	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	-	<0.38U	<0.38U	<0.38U
SSHS-B15	B23454	5/10/2000	4-5	<0.39U	0.22J	-	0.26J	-	0.96	-	1.3	1.9	0.96	1.2	-	-	-	-	-	-	-	-	1.5	0.36J	<0.39U
SSHS-B16	B23457	5/10/2000	1-2	<0.38U	<0.38U	-	<0.38U	-	0.095J	-	0.095J	0.081J	0.08J	0.072J	-	-	-	-	-	-	-	-	0.11J	<0.38U	<0.38U
SSHS-B17	B23459	5/10/2000	1-3	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	-	-	-	-	-	-	-	-	<0.41U	<0.41U	<0.41U
SSHS-B18	B23460	5/10/2000	1-3	0.061J	<0.37U	-	0.15J	-	0.31J	-	0.28J	0.22J	0.22J	0.22J	-	-	-	-	-	-	-	-	0.33J	0.069J	<0.37U
SSHS-B19	B23453	5/9/2000	1-4	<0.37U	<0.37U	-	<0.37U	-	0.054J	-	0.051J	0.045J	0.041J	0.042J	-	-	-	-	-	-	-	-	0.066J	<0.37U	<0.37U
SSHS-B2	B23488	5/12/2000	1-2	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	-	-	-	-	-	-	-	-	<0.41U	<0.41U	<0.41U
SSHS-B20	B23450	5/9/2000	5-7	<0.38U	<0.38U	-	0.067J	-	0.19J	-	0.16J	0.14J	0.12J	0.12J	-	-	-	-	-	-	-	-	0.23J	0.056J	<0.38U
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.0017U	0.29	<0.025U	0.3	<0.082U	0.91	<0.052U	0.86	1.5	0.22	0.63	-	<0.027U	<0.027U	<0.023U	<0.12U	<0.05U	<0.17U	0.18	0.84	<0.0015U	0.15
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	0.0074J	0.097	0.021J	0.063	<0.041U	0.31	<0.026U	0.35	0.6	0.099	0.25	-	<0.014U	<0.014U	<0.011U	0.06J	<0.025U	<0.086U	<0.022U	0.37	<0.00075U	0.023J
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	<0.00085U	0.012	<0.012U	0.01	<0.04U	0.032	<0.026U	0.035	0.048	<0.00039U	0.022	-	<0.013U	<0.013U	<0.011U	0.07J	<0.024U	<0.083U	<0.021U	0.037	<0.00073U	<0.014U
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.0009U	<0.00041U	<0.013U	<0.00092U	<0.042U	0.0072J	<0.027U	0.0056J	0.0086	0.0049J	<0.0008U	-	<0.014U	<0.014U	<0.012U	0.064J	<0.026U	<0.088U	<0.022U	0.0059J	<0.00078U	<0.015U
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.017U	<0.0077U	<0.24U	<0.017U	<0.79U	<0.014U	<0.5U	<0.014U	<0.013U	<0.0077U	<0.015U	-	<0.26U	<0.26U	<0.22U	<1.1U	<0.48U	<1.6U	<0.42U	<0.024U	<0.014U	<0.29U
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.017U	<0.0079U	<0.25U	<0.018U	<0.81U	<0.014U	<0.52U	<0.014U	<0.013U	<0.0079U	<0.015U	-	<0.27U	<0.27U	<0.23U	<1.2U	<0.5U	<1.7U	<0.43U	0.22	<0.015U	<0.29U
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	0.032	0.0097	<0.014U	0.075	<0.046U	0.14	<0.029U	0.12	0.16	0.092	0.06	-	<0.015U	<0.015U	<0.013U	<0.065U	<0.028U	<0.095U	0.038J	0.13	<0.00084U	0.024J
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.0022U	0.13	<0.032U	0.062	<0.11U	0.32	<0.067U	0.36	0.57	0.15	0.19	-	<0.035U	<0.035U	<0.029U	<0.15U	<0.065U	<0.22U	<0.056U	0.44	<0.0019U	<0.038U
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	<0.0009U	<0.00042U	<0.013U	<0.00093U	<0.043U	0.0092	<0.027U	0.012	0.02	<0.00042U	0.0094	-	<0.014U	<0.014U	<0.012U	<0.061U	<0.026U	<0.089U	<0.023U	0.013	<0.00078U	<0.015U
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	<0.00088U	0.086	0.018J	0.033	<0.041U	0.088	<0.026U	0.14	0.25	0.11	0.068	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.025U	<0.086U	<0.022U	0.13	<0.00076U	0.04J
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	<0.00083U	0.0058J	<0.012U	0.006J	<0.039U	0.028	<0.025U	0.029	0.053	0.027	0.013	-	<0.013U	<0.013U	<0.011U	<0.055U	<0.024U	<0.082U	<0.021U	0.04	<0.00072U	<0.014U
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	<0.00091U	<0.00042U	<0.013U	<0.00093U	<0.043U	0.0064J	<0.027U	0.0084	0.014	0.0086	<0.00081U	-	<0.014U	<0.014U	<0.012U	0.11	<0.026U	<0.089U	<0.023U	0.01	<0.00079U	<0.016U
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.00091U	0.04	<0.013U	0.019	<0.043U	0.067	<0.027U	0.092	0.15	0.039	0.059	-	<0.014U	<0.014U	<0.012U	0.15	<0.026U	<0.089U	<0.023U	0.086	<0.00079U	0.032J
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.001U	0.0054J	<0.015U	0.0063J	<0.049U	0.034	<0.031U	0.037	0.046	0.026	0.019	-	<0.016U	<0.016U	<0.014U	0.076J	<0.03U	<0.1U	<0.026U	0.038	<0.0009U	<0.018U
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.00088U	0.0089	<0.013U	0.024	<0.042U	0.069	<0.027U	0.069	0.087	0.047	0.037	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.025U	<0.087U	<0.022U	0.06	0.017	<0.015U
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	0.085J	0.22	<0.26U	0.28	<0.86U	0.86	<0.55U	0.94	1.4	1	0.52	-	<0.29U	<0.29U	<0.24U	<1.2U	<0.53U	<1.8U	<0.45U	1.1	0.35	<0.31U
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.00093U	0.065	<0.013U	0.048	<0.044U	0.17	<0.028U	0.16	0.29	0.23	0.11	-	<0.015U	<0.015U	<0.012U	<0.062U	<0.027U	<0.091U	0.029J	0.24	0.047	0.044J
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.0093U	0.14	0.16J	0.096	<0.44U	0.22	<0.28U	0.26	0.34	0.21	0.084	-	<0.15U	<0.15U	<0.12U	<0.63U	<0.27U	<0.92U	<0.23U	0.26	<0.0081U	<0.16U
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.00093U	0.055	<0.013U	0.024	<0.044U	0.062	<0.028U	0.07	0.11	0.12	0.053	-	<0.015U	<0.015U	<0.012U	<0.062U	<0.027U	<0.092U	<0.023U	0.083	<0.00081U	0.032J
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	<0.00088U	0.014	<0.013U	0.0058J	<0.042U	0.022	0.028J	0.032	0.061	0.02	0.019	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.026U	<0.087U	<0.022U	0.034	<0.00077U	<0.015U
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	0.025	0.2	<0.026U	0.33	<0.085U	1.1	<0.054U	1	1.4	0.76	0.56	-	<0.028U	<0.028U	<0.024U	<0.12U	<0.052U	<0.18U	0.12	1.1	0.18	0.11J
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	0.037	0.11	<0.013U	0.15	<0.042U	0.63	<0.027U	0.51	0.69	0.36	0.31	-	<0.014U	<0.014U	<0.012U	<0.06U	<0.026U	<0.088U	0.06	0.65	0.1	0.054J
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	0.02	0.24	<0.013U	0.16	<0.044U	0.5	<0.028U	0.49	0.73	0.62	0.28	-	<0.015U	<0.015U	<0.012U	<0.062U	<0.027U	<0.092U	0.14	0.49	0.11	0.12
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	0.039	0.41	<0.053U	0.49	<0.17U	1.3	<0.11U	1.4	2.4	0.58	0.76	-	<0.057U	<0.057U	<0.048U	<0.24U	<0.11U	<0.36U	0.23J	1.3	0.14	0.22J
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	0.018	0.2	<0.026U	0.18	<0.086U	0.71	<0.055U	0.74	1.1	0.64	0.33	-	<0.029U	<0.029U	<0.024U	<0.12U	<0.052U	<0.18U	0.064J	0.72	0.15	0.09J
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	0.0081	0.14	<0.012U	0.094	<0.04U	0.39	<0.026U	0.36	0.57	0.29	0.18	-	<0.013U	<0.013U	<0.011U	<0.057U	<0.025U	<0.084U	0.035J	0.4	0.073	0.049J

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																								VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B10	B23464	5/10/2000	2-3	-	-	-	-	0.19J	<0.4U	<0.4U	-	-	-	0.076J	-	<0.4U	-	-	-	<0.97U	0.094J	<0.4U	0.21J	-	<0.4U	-
SSHS-B100	SSHS-B100-0.17-2 (1.5)	8/15/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	0.15	<0.0097U	<0.0078U	<0.0082U	<0.04U	<0.026U	<0.051J	<0.028U	<0.057J	<0.031U	<0.0086U	<0.034U	<0.033U	0.14	<0.0087U	0.12	-	<0.00066U	-
SSHS-B100	SSHS-B100-10-13.5 (12)	8/15/2014	10-13.5	<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	<0.013U	<0.0096U	<0.0082U	-	<0.00065U	-
SSHS-B100	SSHS-B100-4-6 (5.5)	8/15/2014	4-6	<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	-	<0.00068U	-
SSHS-B100	SSHS-B100-6-10 (8)	8/15/2014	6-10	<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	-	<0.0006U	-
SSHS-B101	SSHS-B101-0.17-2 (1)	8/14/2014	0.17-2	<0.039U	<0.039U	<0.045U	<0.038U	<0.028J	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	<0.0074U	<0.027U	<0.018J	<0.03U	<0.0084U	<0.033U	<0.032U	<0.036J	<0.0084U	<0.022J	-	<0.00051U	-
SSHS-B101	SSHS-B101-12-15.5R (15)	8/14/2014	12-15.5	<0.042U	<0.042U	<0.048U	<0.04U	<0.0082U	<0.01U	<0.0081U	<0.0086U	<0.041U	<0.027U	<0.0079U	<0.029U	<0.0066U	<0.032U	<0.009U	<0.035U	<0.034U	<0.012U	<0.009U	<0.0077U	-	<0.00063U	-
SSHS-B101	SSHS-B101-3-6 (4)	8/14/2014	3-6	<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	-	<0.00093U	-
SSHS-B101	SSHS-B101-8-10 (9)	8/14/2014	8-10	<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	-	<0.0013U	-
SSHS-B11	B23461	5/10/2000	1-3	-	-	-	-	0.11J	<0.38U	<0.38U	-	-	-	0.071J	-	0.045J	-	-	-	<0.91U	0.047J	<0.38U	0.1J	-	<0.38U	-
SSHS-B12	B23468	5/10/2000	1-4	-	-	-	-	<0.38U	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<0.93U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-B13	B23466	5/10/2000	1-2	-	-	-	-	1.5J	<3.8U	<3.8U	-	-	-	1.1J	-	<3.8U	-	-	-	<9.3U	0.59J	<3.8U	1.7J	-	<3.8U	-
SSHS-B14	B23470	5/10/2000	5-6	-	-	-	-	<0.36U	<0.36U	<0.36U	-	-	-	<0.36U	-	<0.36U	-	-	-	<0.88U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B15	B23404T2-1	7/27/2000	1-1.5	-	-	-	-	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B15	B23405T2	7/11/2000	0.75-1	-	-	-	-	0.049J	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<2U	<0.38U	<0.38U	0.046J	-	<0.38U	-
SSHS-B15	B23454	5/10/2000	4-5	-	-	-	-	1.1	<0.39U	<0.39U	-	-	-	0.87	-	0.06J	-	-	-	<0.93U	0.24J	<0.39U	1.7	-	<0.39U	-
SSHS-B16	B23457	5/10/2000	1-2	-	-	-	-	0.16J	<0.38U	<0.38U	-	-	-	0.068J	-	<0.38U	-	-	-	<0.91U	0.093J	<0.38U	0.16J	-	<0.38U	-
SSHS-B17	B23459	5/10/2000	1-3	-	-	-	-	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	-	<0.41U	-	-	-	<1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-B18	B23460	5/10/2000	1-3	-	-	-	-	0.66	0.051J	<0.37U	-	-	-	0.18J	-	<0.37U	-	-	-	<0.89U	0.59	<0.37U	0.7	-	<0.37U	-
SSHS-B19	B23453	5/9/2000	1-4	-	-	-	-	0.079J	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<0.89U	0.069J	<0.37U	0.085J	-	<0.37U	-
SSHS-B2	B23488	5/12/2000	1-2	-	-	-	-	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	-	<0.41U	-	-	-	<1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-B20	B23450	5/9/2000	5-7	-	-	-	-	<0.36J	<0.38U	<0.38U	-	-	-	0.11J	-	<0.38U	-	-	-	<0.92U	0.25J	<0.38U	0.36J	-	<0.38U	-
SSHS-B2024	SSHS-B2024-SUB-0.17-2	7/26/2018	0.17-2	<0.071U	<0.032U	<0.05U	<0.064U	2.3	0.045	<0.0048U	<0.027U	<0.14U	<0.02U	0.25	<0.027U	0.29	<0.03U	<0.025U	<0.027U	<0.13U	1.6	<0.018U	1.4	-	<0.0011U	-
SSHS-B2024	SSHS-B2024-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2025	SSHS-B2025-SUB-0.17-2	7/26/2018	0.17-2	<0.035U	<0.016U	<0.025U	<0.032U	0.65	0.017	<0.0024U	<0.014U	<0.071U	<0.01U	0.1	<0.014U	0.11	<0.015U	<0.013U	<0.014U	<0.066U	0.22	<0.0091U	0.51	-	<0.0011U	-
SSHS-B2025	SSHS-B2025-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2026	SSHS-B2026-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2026	SSHS-B2026-SUB-2-4	7/26/2018	2-4	<0.034U	<0.016U	<0.024U	<0.031U	0.064F1	<0.00059U	<0.0023U	<0.013U	<0.069U,F1	<0.01U	0.015	<0.013U	0.026	<0.014U	<0.012U	<0.013U	<0.065U	0.036	<0.0089U	0.042	-	-	-
SSHS-B2027	SSHS-B2027-SUB-0.17-2	7/26/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.0093	<0.00063U	<0.0025U	<0.014U	<0.073U	<0.011U	0.0044J	<0.014U	<0.00097U	<0.015U	<0.013U	<0.014U	<0.068U	0.0055J	<0.0094U	0.0093	-	<0.0012U	-
SSHS-B2027	SSHS-B2027-SUB-10-12	7/26/2018	10-12	<0.68U	<0.31U	<0.48U	<0.61U	<0.012U	<0.012U	<0.046U	<0.26U	<1.4U	<0.2U	<0.0077U	<0.26U	<0.018U	<0.29U	<0.24U	<0.26U	<1.3U	<0.016U	<0.18U	<0.0097U	-	<0.0011U	-
SSHS-B2027	SSHS-B2027-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2027	SSHS-B2027-SUB-8-10	7/26/2018	8-10	<0.7U	<0.32U	<0.5U	<0.63U	<0.012U	<0.012U	<0.047U	<0.27U	<1.4U	<0.2U	<0.0079U	<0.27U	<0.019U	<0.29U	<0.25U	<0.27U	<1.3U	<0.016U	<0.18U	0.26	-	<0.0011U	-
SSHS-B2028	SSHS-B2028-SUB-0.17-2	7/26/2018	0.17-2	<0.039U	<0.018U	<0.028U	<0.036U	0.34	0.032	<0.0027U	<0.015U	<0.079U	<0.011U	0.073	<0.015U	0.024	<0.016U	<0.014U	<0.015U	<0.074U	0.31	<0.01U	0.26	-	<0.0012U	-
SSHS-B2028	SSHS-B2028-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2030	SSHS-B2030-SUB-0-2	7/27/2018	0-2	<0.091U	<0.041U	<0.065U	<0.082U	0.5	0.03	<0.0062U	<0.035U	<0.18U	<0.026U	0.11	<0.035U	0.25	<0.038U	<0.032U	<0.035U	<0.17U	0.29	<0.023U	0.51	-	<0.0012U	-
SSHS-B2030	SSHS-B2030-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2031	SSHS-B2031-SUB-0.17-2	7/27/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.02	<0.00063U	<0.0025U	<0.014U	<0.074U	<0.011U	<0.00042U	<0.014U	<0.00097U	<0.015U	<0.013U	<0.014U	<0.069U	0.0084	<0.0095U	0.015	-	<0.0012U	-
SSHS-B2032	SSHS-B2032-SUB-0.17-2	7/27/2018	0.17-2	<0.036U	<0.016U	<0.025U	<0.032U	0.18	<0.00061U	<0.0024U	<0.014U	<0.071U	<0.01U	0.084	<0.014U	0.43	<0.015U	<0.013U	<0.014U	<0.067U	0.12	0.0097J	0.17	-	<0.0011U	-
SSHS-B2032	SSHS-B2032-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00099U	-
SSHS-B2033	SSHS-B2033-SUB-0.17-2	7/27/2018	0.17-2	<0.034U	<0.015U	<0.024U	<0.03U	0.049	<0.00058U	<0.0023U	<0.013U	<0.067U	<0.0098U	0.024	<0.013U	0.011	<0.014U	<0.012U	<0.013U	<0.063U	0.026	<0.0087U	0.043	-	<0.00099U	-
SSHS-B2033	SSHS-B2033-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0009U	-
SSHS-B2034	SSHS-B2034-SUB-0.17-2	7/27/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.014	<0.00063U	<0.0025U	<0.014U	<0.074U	<0.011U	<0.00042U	<0.014U	<0.00098U	<0.016U	<0.013U	<0.014U	<0.069U	<0.00087U	<0.0095U	0.012	-	<0.0014U	-
SSHS-B2034	SSHS-B2034-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2050	SSHS-B2050-SUB-0.17-2	7/26/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.15	<0.00063U	<0.0025U	<0.014U	<0.074U	<0.011U	<0.00042U	<0.014U	0.15	<0.016U	<0.013U	<0.014U	<0.069U	0.086	<0.0095U	0.095	-	<0.0013U	-
SSHS-B2050	SSHS-B2050-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-
SSHS-B2051	SSHS-B2051-SUB-0.17-2	7/27/2018	0.17-2	<0.042U	<0.019U	<0.03U	<0.038U	0.067	<0.00072U	<0.0029U	<0.016U	<0.085U	<0.012U	0.021	<0.016U	0.0077J	<0.018U	<0.015U	<0.016U	<0.079U	0.031	<0.011U	0.056	-	<0.0012U	-
SSHS-B2051	SSHS-B2051-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2052	SSHS-B2052-SUB-0.17-2	7/25/2018	0.17-2	<0.036U	<0.016U	<0.025U	<0.032U	0.15	<0.00061U	<0.0024U	<0.014U	<0.072U	<0.01U	0.043	<0.014U	0.011	<0.015U	<0.013U	<0.014U	<0.067U	0.11	<0.0092U	0.13	-	<0.0011U	-
SSHS-B2052	SSHS-B2052-SUB-2-4	7/25/2018	2-4	<0.74U	<0.33U	<0.53U	<0.67U	1.4	0.2	<0.05U	<0.29U	<1.5U	<0.22U	0.81	<0.29U	0.64	<0.31U	<0.26U	<0.29U	<1.4U	1.3	<0.19U	1.6	-	-	-
SSHS-B2053	SSHS-B2053-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.34	0.012	<0.0026U	<0.015U	<0.076U	<0.011U	0.19	<0.015U	0.28	<0.016U	<0.013U	<0.015U	<0.071U	0.21	0.15	0.27	-	<0.0011U	-
SSHS-B2053	SSHS-B2053-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2053	SSHS-B2053-SUB-4-6	7/25/2018	4-6	<0.38U	<0.17U	<0.27U	<0.34U	0.48	0.096	<0.026U	<0.15U	<0.76U	<0.11U	0.17	<0.15U	0.4	<0.16U	<0.14U	<0.15U	<0.71U	0.43	0.21J	0.4	-	<0.0011U	-
SSHS-B2070	SSHS-B2070-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.11	0.0045J	<0.0026U	<0.015U	<0.076U	<0.011U	0.076	<0.015U	0.14	<0.016U	<0.013U	<0.015U	<0.071U	0.079	0.015J	0.088	-	<0.0012U	-
SSHS-B2070	SSHS-B2070-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2071	SSHS-B2071-SUB-0.17-2	7/27/2018	0.17-2	<0.036U	<0.016U	<0.026U	<0.032U	0.04	<0.00061U	<0.0024U	<0.014U	<0.072U	<0.01U	0.017	<0.014U	0.011	<0.015U	<0.013U	<0.014U	<0.067U	0.016	<0.0093U	0.034	-	-	-
SSHS-B2071	SSHS-B2071-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2072	SSHS-B2072-SUB-0.17-2	7/25/2018	0.17-2	<0.073U	<0.033U	<0.052U	<0.066U	2.2	0.047	<0.005U	<0.028U	<0.15U	<0.021U	0.63	<0.028U	0.27	<0.031U	<0.026U	<0.028U	<0.14U	1.4	<0.019U	2.1	-	<0.0013U	-
SSHS-B2072	SSHS-B2072-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2073	SSHS-B2073-SUB-0.17-2	7/25/2018	0.17-2	<0.036U	<0.016U	<0.026U	<0.033U	1	0.039	<0.0025U	<0.014U	<0.072U	<0.011U	0.34	<0.014U	0.16	<0.015U	<0.013U	<0.014U	<0.068U	0.63	<0.0094U	0.81	-	<0.0012U	-
SSHS-B2073	SSHS-B2073-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-
SSHS-B2089	SSHS-B2089-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.97F1	0.023	<0.0026U	<0.015U	<0.076U,F1	<0.011U	0.48	<0.015U	0.66	<0.016U	<0.013U	<0.015U	<0.071U	0.69	0.033J	0.76F1	-	<0.0012U	-
SSHS-B2089	SSHS-B2089-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2090	SSHS-B2090-SUB-0.17-2	7/27/2018	0.17-2	<0.15U	<0.067U	<0.11U	<0.13U	3.3	0.087	<0.01U	<0.057U	<0.3U	<0.043U	0.55	<0.057U	0.81	<0.062U	<0.053U	<0.057U	<0.28U	1.7	0.045J	2.4	-	-	-
SSHS-B2090	SSHS-B2090-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2091	SSHS-B2091-SUB-0.17-2	7/25/2018	0.17-2	<0.074U	<0.033U	<0.052U	<0.067U	1.2	0.035	<0.005U	<0.029U	<0.15U	<0.021U	0.52	<0.029U	0.38	<0.031U	<0.026U	<0.029U	<0.14U	0.77	0.025J	1.2	-	<0.0012U	-
SSHS-B2091	SSHS-B2091-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-
SSHS-B2092	SSHS-B2092-SUB-0.17-2	7/25/2018	0.17-2	<0.035U	<0.016U	<0.025U	<0.031U	0.66	0.019	<0.0023U	<0.013U	<0.069U	<0.01U	0.28	<0.013U	0.19	<0.015U	<0.012U	<0.013U	<0.065U	0.33	0.012J	0.5	-	<0.0011U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B21	B23448	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	-	-	<0.0058U
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0028U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0028U	<0.003U	<0.0024U
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	<0.0019U	<0.0021U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0028U	<0.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	<0.0024U	<0.0026U	<0.0021U	<0.0023U	<.003U	<0.0053U	<0.0031U	<0.0037U	<0.0029U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.0029U	<0.0032U	<0.0026U
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	<0.0019U	<0.0021U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0028U	<0.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.0023U	<0.0025U	<.002U	<0.0022U	<0.0029U	<0.0051U	<.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.0031U	<0.0025U
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0048U	<0.0028U	<0.0034U	<0.0027U	<.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0027U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	<0.0019U	<0.0021U	<0.0017U	<0.0018U	<0.0024U	<0.0042U	<0.0025U	<0.0029U	<0.0024U	<0.0018U	<0.0028U	<.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0025U	<0.0021U
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<0.0021U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0042U	<0.0024U	<0.0029U	<0.0023U	<0.0018U	<0.0028U	<.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<0.0021U
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0027U	<0.0047U	<0.0027U	<0.0033U	<0.0026U	<.002U	<0.0031U	<0.0034U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	<.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0025U	<.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<.004U	<0.0025U	<.002U	<0.0024U	<0.0026U	<0.0034U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	<0.0019U	<0.0021U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<.003U	<0.0024U	<0.0018U	<0.0028U	<0.0031U	<0.0014U	<.004U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0043U	<0.0025U	<.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<.004U	<0.0025U	<0.0019U	<0.0024U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<.002U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0027U	<0.0022U
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0027U	<0.0047U	<0.0027U	<0.0033U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0027U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	<0.0023U	<0.0025U	<.002U	<0.0022U	<0.0028U	<.005U	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U	<0.0017U	<0.0046U	<0.0029U	<0.0022U	<0.0027U	<.003U	<0.0039U	<0.0028U	<.003U	<0.0025U
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0042U	<0.0024U	<0.0029U	<0.0023U	<0.0018U	<0.0028U	<.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<0.0021U
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	<.002U	<0.0021U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<.003U	<0.0024U	<0.0018U	<0.0028U	<0.0031U	<0.0014U	<.004U	<0.0024U	<0.0019U	<0.0024U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<0.0021U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0027U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0027U	<.003U	<0.0024U
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	<0.0026U	<0.0029U	<0.0023U	<0.0025U	<0.0033U	<0.0058U	<0.0034U	<.004U	<0.0032U	<0.0024U	<0.0038U	<0.0041U	<.002U	<0.0054U	<0.0033U	<0.0026U	<0.0032U	<0.0035U	<0.0045U	<0.0032U	<0.0035U	<0.0028U
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	<0.0023U	<0.0025U	<.002U	<0.0022U	<0.0029U	<0.0051U	<.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.0031U	<0.0025U
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<.002U	<0.0021U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<.003U	<0.0024U	<0.0018U	<0.0028U	<0.0031U	<0.0014U	<.004U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	<0.0025U	<0.0028U	<0.0022U	<0.0024U	<0.0031U	<0.0055U	<0.0032U	<0.0038U	<0.0031U	<0.0023U	<0.0037U	<.004U	<0.0019U	<0.0051U	<0.0032U	<0.0025U	<.003U	<0.0034U	<0.0043U	<0.0031U	<0.0033U	<0.0027U
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	0.00067J	<0.00068U	0.0014J	<0.00072U	<0.00062U	<0.0012U	<0.00049U	<0.00053U,*	<0.0008U	<0.0008U	<.001U	<0.00076U,*	<0.00048U	<0.0012U	<0.0006U	<0.00074U	<0.0004U	<0.00083U	<0.00047U	<0.0011U	<0.00072U
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	0.0021J	0.00066J	0.0071	0.0066J	0.0017J	0.0083J	<0.00035U	<0.00037U,*	<0.00057U	<0.00057U	<0.0007U	<0.00053U,*	<0.00034U	<0.00086U	<0.00042U	<0.00041U	<0.00053U	<0.00028U	<0.00059U	<0.00033U	<0.00078U	<0.00051U
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	<0.00065U	<0.0007U	0.0012J	0.001J	<0.00064U	<0.0012U	<0.00051U	<0.00054U	<0.00083U	<0.00083U	<0.001U	<0.00078U	<0.00049U	<0.0012U	<0.00062U	<0.00059U	<0.00077U	<0.00041U	<0.00085U	<0.00048U	<0.0011U	<0.00074U
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	0.0036J	0.00077J	0.007	0.0063J	0.0024J	0.0087J	<0.00043U	<0.00047U	<0.00071U	<0.00071U	<0.00088U	<0.00067U	<0.00042U	<0.0011U	<0.00053U	<0.00051U	<0.00066U	<0.00035U	<0.00073U	<0.00041U	<0.00098U	<0.00064U
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B22	B23449	5/9/2000	2-4	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	0.0021J
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.0023U	<0.0026U	<.002U	<0.0022U	<0.0029U	<0.0051U	<.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	<0.0025U	<0.0027U	<0.0021U	<0.0024U	<0.0031U	<0.0054U	<0.0032U	<0.0038U	<.003U	<0.0023U	<0.0036U	<0.0039U	<0.0018U	<.005U	<0.0031U	<0.0024U	<.003U	<0.0033U	<0.0042U	<.003U	<0.0033U	<0.0027U
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0042U	<0.0024U	<0.0029U	<0.0023U	<0.0018U	<0.0028U	<.003U	<0.0014U	<0.0038U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<.002U
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	<0.54U	<0.59U	<0.46U	<0.51U	<0.67U	<1.2U	<0.68U	<0.81U	<0.66U	<0.49U	<0.78U	<0.84U,*	<0.4U	<1.1U	<0.67U	<0.52U	<0.64U	<0.71U	<0.9U	<0.66U	<0.71U	<0.58U
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0042U	<0.0024U	<0.0029U	<0.0023U	<0.0018U	<0.0028U	<.003U	<0.0014U	<0.0039U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<.002U
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	<0.0024U	<0.0026U	<0.002U	<0.0023U	<0.0029U	<0.0052U	<0.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U,*	<0.0017U	<0.0048U	<.003U	<0.0023U	<0.0028U	<0.0031U	<.004U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	<.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.0029U	<0.0031U	<0.0015U	<0.0041U	<0.0025U	<.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0026U	<0.0022U
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<0.0023U	<0.0026U	<.002U	<0.0022U	<0.0029U	<0.0051U	<.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U,*	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<.004U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0043U	<0.0025U	<.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<.004U	<0.0025U	<0.0019U	<0.0024U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.0018U	<.002U	<0.0015U	<0.0017U	<0.0022U	<0.0039U	<0.0023U	<0.0027U	<0.0022U	<0.0017U	<0.0026U	<0.0028U	<0.0013U	<0.0036U	<0.0022U	<0.0018U	<0.0022U	<0.0024U	<.003U	<0.0022U	<0.0024U	<0.0019U
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	<0.0023U	<0.0025U	<.002U	<0.0022U	<0.0028U	<.005U	<0.0029U	<0.0035U,F2	<0.0028U,F2	<0.0021U	<0.0033U	<0.0036U,F2	<0.0017U,F2	<0.0046U	<0.0029U,F2	<0.0022U,F2	<0.0027U	<0.003U,F2	<0.0039U	<0.0028U,F2	<0.003U	<0.0025U
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0028U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0028U	<0.003U	<0.0024U
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U,*	<0.0015U	<0.0042U	<0.0026U	<.002U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0027U	<0.0022U
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	<0.0024U	<0.0026U	<0.0021U	<0.0023U	<.003U	<0.0052U	<0.0031U	<0.0036U	<0.0029U	<0.0022U	<0.0035U	<0.0037U,*	<0.0018U	<0.0049U	<.003U	<0.0023U	<0.0029U	<0.0032U	<0.004U	<0.0029U	<0.0032U	<0.0026U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B21	B23448	5/9/2000	1-4	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	<0.0044U	<0.0018U	<0.0018U	0.003J	0.0025J	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	<0.0038U	<0.0016U	<0.0016U	0.0024J	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0044U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	<0.0047U	<0.0019U	<0.002U	0.0033J	0.013	<0.0025U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.0049U	<0.002U	<0.0019U	<0.0033U	<0.0055U	<0.0036U	<0.0018U	-	-	-	-
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	<0.0038U	<0.0016U	<0.0016U	<0.0023U	0.0042J	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.0043U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	<0.0042U	<0.0017U	<0.0017U	0.0026J	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	<0.0038U	<0.0015U	<0.0016U	0.0024J	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.004U	<0.0016U	<0.0015U	<0.0027U	<0.0044U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	<0.0044U	<0.0018U	<0.0018U	0.0037J	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0023U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	<0.0038U	<0.0015U	<0.0016U	<0.0023U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.0039U	<0.0016U	<0.0015U	<0.0027U	<0.0044U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.0042U	<0.0017U	<0.0017U	<0.0026U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0026U	<0.0018U	<0.0037U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	<0.0041U	<0.0017U	<0.0017U	0.0025J	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	<0.0038U	<0.0016U	<0.0016U	<0.0023U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0026U	<0.0017U	<0.0037U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0045U	<0.0029U	<0.0015U	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	<0.0041U	<0.0017U	<0.0017U	0.0026J	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	<0.0042U	<0.0017U	<0.0017U	<0.0026U	0.0026J	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	<0.0042U	<0.0017U	<0.0017U	<0.0026U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0022U	<0.0018U	<0.0044U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0023U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	<0.0045U	<0.0018U	<0.0019U	<0.0028U	<0.0018U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0047U	<0.0019U	<0.0018U	<0.0032U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.0037U	<0.0015U	<0.0016U	<0.0023U	<0.0015U	<0.0019U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.0039U	<0.0015U	<0.0015U	<0.0027U	<0.0044U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	<0.0038U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0037U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0015U	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0023U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	<0.0052U	<0.0021U	<0.0021U	<0.0032U	<0.002U	<0.0027U	<0.0034U	<0.0023U	<0.0049U	<0.0028U	<0.0022U	<0.0054U	<0.0021U	<0.0021U	<0.0037U	<0.006U	<0.0039U	<0.002U	-	-	-	-
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<0.0038U	<0.0016U	<0.0016U	<0.0023U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0037U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	<0.005U	<0.002U	<0.0021U	<0.003U	<0.0019U	<0.0026U	<0.0033U	<0.0022U	<0.0047U	<0.0027U	<0.0021U	<0.0052U	<0.0021U	<0.002U	<0.0035U	<0.0058U	<0.0038U	<0.0019U	-	-	-	-
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	<0.00055U	<0.00062U	<0.00036U	<0.0027U	0.0021J	<0.00054U	<0.00076U	<0.00043U	<0.0011U	<0.00055U,*	<0.00073U,*	<0.00055U,*	<0.0009U,*	<0.0005U	<0.00049U	<0.0017U	<0.0005U	<0.0012U	-	-	-	-
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	<0.00039U	<0.00044U	<0.00025U	<0.0019U	<0.0004U	<0.00038U	<0.00053U	<0.00031U	<0.00076U	<0.00039U,*	<0.00052U,*	<0.00039U,*	<0.00064U,*	<0.00036U	<0.00035U	<0.0012U	<0.00036U	<0.00087U	-	-	-	-
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	<0.00057U	<0.00064U	<0.00037U	<0.0028U	<0.00058U	<0.00056U	<0.00078U	<0.00044U	<0.0011U	<0.00057U	<0.00075U	<0.00057U	<0.00093U	<0.00052U	<0.00051U	<0.0018U	<0.00052U	<0.0013U	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	<0.00049U	<0.00055U	<0.00032U	<0.0024U	<0.0005U	<0.00048U	<0.00067U	<0.00038U	<0.00094U	<0.00049U	<0.00065U	<0.00049U	<0.0008U	<0.00045U	<0.00043U	<0.0015U	<0.00045U	<0.0011U	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B22	B23449	5/9/2000	2-4	-	<0.0056U	-	0.0013J	0.0039J	0.025	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.0021U	<0.0044U	<0.0025U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0032U	<0.0054U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	<0.0049U	<0.002U	<0.002U	<0.003U	<0.0019U	<0.0025U	<0.0032U	<0.0022U	<0.0046U	<0.0026U	<0.002U	<0.0051U	<0.002U	<0.002U	<0.0034U	<0.0057U	<0.0037U	<0.0018U	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	<0.0037U	<0.0015U	<0.0015U	<0.0023U	0.0043J	<0.0019U	<0.0025U	<0.0017U	<0.0035U	<0.002U	<0.0016U	<0.0039U	<0.0015U	<0.0015U	<0.0026U	<0.0043U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	<1.1U	<0.43U	<0.44U	<0.64U	17	<0.55U	<0.69U	<0.47U	<1U	<0.56U,F2	<0.64U	<0.44U	<1.1U	<0.43U	<0.43U	<0.75U	<1.2U	<0.8U	<0.4U	-	-	-
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	<0.0037U	<0.0015U	<0.0016U	<0.0023U	0.002J	<0.0019U	<0.0025U	<0.0017U	<0.0036U	<0.002U	<0.0016U	<0.0039U	<0.0015U	<0.0015U	<0.0026U	<0.0044U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	<0.0046U	<0.0019U	<0.0019U	<0.0046U	0.0051J	<0.0024U	<0.0031U	<0.0021U	<0.0044U	<0.0043U,*	<0.0045U,*	<0.0024U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0018U	-	-	-	-
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	<0.0042U	<0.0017U	<0.0017U	0.0025J	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	<0.0043U	<0.0017U	<0.0018U	0.0029J	0.021	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	<0.0043U	<0.0017U	<0.0018U	0.0026J	0.0019J	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	<0.0043U	<0.0017U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	0.0024J	<0.002U	<0.0026U	<0.0018U	<0.0038U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.0021U	<0.0044U	<0.0025U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0037U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0015U	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<0.0041U	<0.0017U	<0.0017U	0.003J	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	<0.0042U	<0.0017U	<0.0017U	<0.0026U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.0035U	<0.0014U	<0.0015U	<0.0022U	<0.0014U	<0.0018U	<0.0023U	<0.0016U	<0.0034U	<0.0019U	<0.0015U	<0.0037U	<0.0015U	<0.0014U	<0.0025U	<0.0041U	<0.0027U	<0.0013U	-	-	-	-
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	<0.0045U	<0.0018U	<0.0019U	<0.0027U	<0.0017U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0024U,F1	<0.0019U	<0.0047U,F2	<0.0019U	<0.0018U,F2	<0.0032U,F2	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	<0.0047U	<0.0019U	<0.0019U	<0.0029U	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.0049U	<0.0019U	<0.0019U	<0.0033U	<0.0055U	<0.0036U	<0.0018U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B21	B23448	5/9/2000	1-4	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0033U	<0.0038U
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	<0.0031U	-	-	-	-	<0.0018U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	<0.003U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	<0.00079U	-	-	-	-	<0.0007U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	<0.00056U	-	-	-	-	<0.00049U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	<0.00082U	-	-	-	-	<0.00072U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	<0.0007U	-	-	-	-	<0.00061U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B22	B23449	5/9/2000	2-4	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	0.0068	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	<0.0029U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	<0.0022U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	<0.63U	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	<0.0022U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.0021U	-	-	-	-	<0.0012U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U,F2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B21	B23448	5/9/2000	1-4	<0.002U	-	-	-	<0.002U	-	-	-	1.419	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	3.368	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0035U	<0.0014U	<0.0042U	0.021J	<0.017U	<0.018U	<0.35U	<0.083U	<0.077U
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0041U	<0.0018U	0.012J	<0.003U	<0.0012U	<0.0036U	-	-	<0.036U	-	-	-
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	4.054	<0.0036U	<0.0051U	<0.0023U	<0.0039U	<0.0037U	<0.0015U	<0.0045U	<0.021U	<0.017U	<0.018U	<0.36U	<0.084U	<0.078U
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0042U	<0.0018U	0.016J	<0.003U	<0.0012U	<0.0037U	-	-	<0.036U	-	-	-
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	2.032	<0.0034U	<0.005U	<0.0022U	0.0089J	<0.0036U	<0.0014U	<0.0044U	<0.2U	<0.16U	<0.043U	<3.4U	<0.8U	<0.74U
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	0.6408	<0.0033U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	<0.019U	<0.016U	<0.017U	<0.34U	<0.079U	<0.073U
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	2.951	<0.0032U	<0.0046U	<0.002U	0.0069J	<0.0033U	<0.0013U	<0.004U	<0.021U	<0.017U	<0.018U	<0.36U	<0.085U	<0.079U
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0028U	<0.0041U	<0.0018U	<0.0031U	<0.003U	<0.0012U	<0.0036U	-	-	<0.036U	-	-	-
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	2.086	<0.0033U	<0.0047U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.021U	<0.017U	<0.018U	<0.36U	<0.085U	<0.079U
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0028U	<0.0041U	<0.0018U	<0.0031U	<0.0029U	<0.0012U	<0.0036U	-	-	<0.036U	-	-	-
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	7.184	<0.0032U	<0.0046U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	<0.021U	<0.017U	<0.018U	<0.36U	<0.084U	<0.078U
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0012U	<0.0037U	-	-	<0.037U	-	-	-
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	-	-	-	-	-	-	-	-	2.756	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0032U	<0.0013U	<0.0039U	<0.02U	<0.016U	<0.018U	<0.34U	<0.081U	<0.075U
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0029U	<0.0042U	<0.0018U	0.007J	<0.003U	<0.0012U	<0.0037U	-	-	<0.036U	-	-	-
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	7.498	<0.0029U	<0.0042U	<0.0019U	0.075	<0.003U	<0.0012U	<0.0037U	<0.096U	<0.079U	<0.037U	<1.6U	<0.39U	<0.36U
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0044U	<0.002U	0.089	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	10.63	-	-	-	-	-	-	-	<0.039U	<0.032U	<0.035U	<0.68U	<0.16U	<0.15U
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	3.373	<0.0032U	<0.0046U	<0.002U	0.064	<0.0033U	<0.0013U	<0.004U	<0.098U	<0.08U	<0.04U	<1.7U	<0.4U	<0.37U
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	1.477	-	-	-	-	-	-	-	<0.077U	<0.063U	<0.068U	<1.3U	<0.31U	<0.29U
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	1.809	<0.0032U	<0.0047U	<0.0021U	0.011J	<0.0034U	<0.0014U	<0.0041U	<0.019U	<0.016U	<0.017U	<0.33U	<0.078U	<0.072U
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0046U	<0.002U	0.016J	<0.0033U	<0.0013U	<0.004U	-	-	<0.04U	-	-	-
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	2.753	-	-	-	-	-	-	-	<0.048U	<0.04U	<0.042U	<0.83U	<0.19U	<0.18U
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	3.453	<0.0031U	<0.0045U	<0.002U	0.015J	<0.0032U	<0.0013U	<0.0039U	<0.076U	<0.062U	<0.039U	<1.3U	<0.31U	<0.28U
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.028	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	6.636	-	-	-	-	-	-	-	<0.049U	<0.04U	<0.043U	<0.84U	<0.2U	<0.18U
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	1.719	<0.0033U	<0.0047U	<0.0021U	0.0087J	<0.0034U	<0.0014U	<0.0042U	<0.045U	<0.037U	<0.04U	<0.78U	<0.18U	<0.17U
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0034U	<0.0049U	<0.0022U	0.11	<0.0035U	<0.0014U	<0.0043U	-	-	<0.043U	-	-	-
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	1.429	-	-	-	-	-	-	-	0.023J	<0.016U	<0.017U	<0.32U	<0.076U	<0.071U
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	-	-	-	-	-	-	-	-	1.268	<0.0028U	<0.0041U	<0.0018U	0.013J	<0.0029U	<0.0012U	<0.0036U	<0.018U	<0.014U	<0.015U	<0.3U	<0.071U	<0.066U
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	-	-	-	-	-	-	-	-	1.015	-	-	-	-	-	-	-	<0.019U	<0.015U	<0.016U	<0.32U	<0.076U	<0.07U
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	1.797	<0.0029U	<0.0042U	<0.0019U	0.0035J	<0.003U	<0.0012U	<0.0037U	<0.09U	<0.074U	<0.036U	<1.5U	<0.36U	<0.34U
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0033U	<0.0048U	<0.0021U	0.011J	<0.0034U	<0.0014U	<0.0042U	-	-	<0.041U	-	-	-
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	8.004	-	-	-	-	-	-	-	<0.04U	<0.033U	<0.035U	<0.68U	<0.16U	<0.15U
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0033U	<0.0048U	<0.0021U	0.005J	<0.0034U	<0.0014U	<0.0042U	-	-	<0.042U	-	-	-
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	3	<0.0039U	<0.0056U	<0.0025U	<0.0042U	<0.004U	<0.0016U	<0.005U	<0.021U	<0.017U	<0.018U	<0.36U	<0.084U	<0.078U
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	1.722	<0.0034U	<0.005U	<0.0022U	<0.0037U	<0.0036U	<0.0014U	<0.0044U	<0.021U	<0.017U	<0.018U	<0.36U	<0.084U	<0.078U
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	<0.02146	<0.0029U	<0.0042U	<0.0018U	<0.0031U	<0.003U	<0.0012U	<0.0037U	<0.04U	<0.033U	<0.035U	<0.68U	<0.16U	<0.15U
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	3.58	<0.0037U	<0.0054U	<0.0024U	0.062	<0.0039U	<0.0016U	<0.0047U	<0.049U	<0.041U	<0.044U	<0.85U	<0.2U	<0.19U
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	10.31	<0.00095U	<0.001U	<0.0013U	0.016J,F2,F1	0.0029J	0.0016J	<0.00054U	<0.077U	<0.063U	<0.025U	<1.3U	<0.31U	<0.29U
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	0.04185	0.0033J	<0.00072U	<0.00092U	0.025	0.0013J	0.0042J	<0.00038U	<0.019U	<0.016U	<0.017U	<0.32U	<0.077U	<0.071U
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	0.6339	-	-	-	-	-	-	-	<0.019U	<0.016U	<0.017U	<0.34U	<0.079U	<0.073U
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	0.7299	<0.00098U	<0.0011U	<0.0013U	0.03	<0.0007U	0.0022J	<0.00056U	<0.37U	<0.31U	<0.026U	<6.4U	<1.5U	<1.4U
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.00084U	<0.0009U	<0.0011U	0.021	0.0066	0.016	<0.00048U	-	-	<0.022U	-	-	-
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	1.74	-	-	-	-	-	-	-	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.075U
SSHS-B22	B23449	5/9/2000	2-4	<0.0019U	-	-	-	<0.0019U	-	-	-	3.7	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	1.225	<0.0034U	<0.005U	<0.0022U	0.0045J	<0.0036U	<0.0015U	<0.0044U	<0.02U	<0.017U	<0.018U	<0.35U	<0.082U	<0.076U
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0037U	<0.0053U	<0.0023U	<0.004U	<0.0038U	<0.0015U	<0.0046U	-	-	<0.046U	-	-	-
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	20.39	-	-	-	-	-	-	-	0.098J	<0.033U	<0.036U	<0.7U	<0.16U	<0.15U
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0028U	<0.0041U	<0.0018U	0.014J	<0.0029U	<0.0012U	<0.0036U	-	-	<0.035U	-	-	-
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	123.3	<0.79U	<1.1U	0.74J	<0.86U	<0.82U	<0.33U	<1U	<0.4U	<0.33U	<0.35U	<6.8U	<1.6U	<1.5U
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0028U	<0.0041U	<0.0018U	0.01J	<0.0029U	<0.0012U	<0.0036U	-	-	<0.035U	-	-	-
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	-	-	-	-	-	-	-	-	0.232	<0.0035U	<0.005U	<0.0022U	0.0045J,B	<0.0036U	<0.0015U	<0.0044U	<0.017U	<0.017U	<0.044U	<0.17U	<0.028U	<0.022U
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.0055J	<0.0033U	<0.0013U	<0.004U	-	-	<0.039U	-	-	-
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	14.61	<0.0032U	<0.0046U	<0.0021U	<0.0035U	<0.0033U	<0.0014U	<0.0041U	<0.051U	<0.042U	<0.04U	<0.87U	<0.21U	<0.19U
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.0021U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	-	-	<0.04U	-	-	-
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	-	-	-	-	-	-	-	-	4.862	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.074U
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0013U	<0.0038U	-	-	<0.037U	-	-	-
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	-	-	-	-	-	-	-	-	0.9832	<0.0035U	<0.005U	<0.0022U	0.015J	<0.0036U	<0.0015U	<0.0044U	<0.39U	<0.32U	<0.044U	<6.8U	<1.6U	<1.5U
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	1.73	<0.0029U	<0.0042U	<0.0019U	0.02	<0.003U	<0.0012U	<0.0037U	<0.92U	<0.76U	<0.037U	<16U	<3.7U	<3.5U
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	-	-	-	-	-	-	-	-	3.869	<0.0031U	<0.0045U	<0.002U	0.012J	<0.0032U	<0.0013U	<0.0039U	<0.4U	<0.33U	<0.039U	<6.9U	<1.6U	<1.5U
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	3.535	<0.0031U	<0.0045U	<0.002U	0.041	<0.0033U	<0.0013U	<0.004U	<0.1U	<0.085U	<0.04U	<1.8U	<0.42U	<0.39U
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	-	-	-	-	-	-	-	-	0.02175	<0.0027U	<0.0038U	<0.0017U	0.044	<0.0028U	<0.0011U	<0.0034U	<0.018U	<0.015U	<0.016U	<0.31U	<0.073U	<0.067U
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	-	-	-	-	-	-	-	-	1.613	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	<0.02U	<0.017U	<0.018U	<0.35U,F1	<0.083U	<0.077U
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	2.135	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0035U	<0.0014U	<0.0042U	<0.021U	<0.017U	<0.019U	<0.36U	<0.085U	<0.079U
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	-	-	-	-	-	-	-	-	2.324	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0032U	<0.0013U	<0.0039U	<0.077U	<0.064U	<0.039U	<1.3U	<0.31U	<0.29U
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0035U	<0.0051U	<0.0023U	0.055	<0.0037U	<0.0015U	<0.0045U	-	-	<0.045U	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B21	B23448	5/9/2000	1-4	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	<0.053U	<0.048U	<0.17U	<0.075U	<0.068U	<0.017U	<0.012U	0.074	<0.037U	<0.048U	<0.016U	<0.035U	<0.052U	<0.059U	<0.097U	<0.017U	<0.054U	<0.036U	<0.017U	-	<0.073U	<0.11U
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	<0.053U	<0.049U	<0.17U	<0.075U	<0.068U	<0.017U	<0.012U	0.047	<0.038U	<0.049U	<0.016U	<0.035U	<0.052U	<0.06U	<0.097U	<0.017U	<0.055U	<0.036U	<0.017U	-	<0.073U	<0.11U
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.51U	<0.46U	<1.6U	<0.72U	<0.65U	<0.16U	<0.12U	0.19	<0.36U	<0.46U	<0.15U	<0.34U	<0.5U	<0.57U	<0.93U	<0.16U	<0.52U	<0.35U	<0.16U	-	<0.7U	<1.1U
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.05U	<0.046U	<0.16U	<0.071U	<0.064U	<0.016U	<0.011U	<0.00057U	<0.035U	<0.046U	<0.015U	<0.033U	<0.049U	<0.056U	<0.092U	<0.016U	<0.052U	<0.034U	<0.016U	-	<0.069U	<0.11U
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.069U	<0.017U	<0.012U	0.024	<0.038U	<0.049U	<0.016U	<0.036U	<0.053U	<0.06U	<0.098U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.074U	<0.12U
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.069U	<0.017U	<0.012U	0.033	<0.038U	<0.049U	<0.016U	<0.036U	<0.053U,F2	<0.06U	<0.099U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.074U	<0.12U
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.075U	<0.068U	<0.017U	<0.012U	0.046	<0.038U	<0.049U	<0.016U	<0.035U	<0.052U	<0.06U	<0.097U	<0.017U	<0.055U	<0.036U	<0.017U	-	<0.073U	<0.11U
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	<0.051U	<0.047U	<0.17U	<0.072U	<0.065U	<0.016U	<0.012U	0.053	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.093U	<0.016U	<0.053U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<0.25U	<0.22U	<0.8U	<0.35U	<0.31U	<0.079U	<0.056U	0.11	<0.17U	<0.22U	<0.073U	<0.16U	<0.24U	<0.28U	<0.45U	<0.079U	<0.25U	<0.17U	<0.079U	-	<0.34U	<0.53U
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	<0.1U	<0.092U	<0.33U	<0.14U	<0.13U	<0.032U	<0.023U	0.07	<0.072U	<0.092U	<0.03U	<0.067U	<0.099U	<0.11U	<0.18U	<0.032U	<0.1U	<0.069U	<0.032U	-	<0.14U	<0.22U
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	<0.25U	<0.23U	<0.81U	<0.36U	<0.32U	<0.08U	<0.057U	0.12	<0.18U	<0.23U	<0.075U	<0.17U	<0.25U	<0.28U	<0.46U	<0.08U	<0.26U	<0.17U	<0.08U	-	<0.34U	<0.54U
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	<0.2U	<0.18U	<0.64U	<0.28U	<0.25U	<0.063U	<0.045U	0.12	<0.14U	<0.18U	<0.059U	<0.13U	<0.19U	<0.22U	<0.36U	<0.063U	<0.2U	<0.14U	<0.063U	-	<0.27U	<0.43U
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	<0.05U	<0.045U	<0.16U	<0.07U	<0.063U	<0.016U	<0.011U	0.042	<0.035U	<0.045U	<0.015U	<0.033U	<0.049U	<0.055U	<0.091U	<0.016U	<0.051U	<0.034U	<0.016U	-	<0.068U	<0.11U
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	<0.12U	<0.11U	<0.4U	<0.18U	<0.16U	<0.04U	<0.028U	0.062	<0.088U	<0.11U	<0.037U	<0.082U	<0.12U	<0.14U	<0.23U	<0.04U	<0.13U	<0.085U	<0.04U	-	<0.17U	<0.27U
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	<0.2U	<0.18U	<0.63U	<0.28U	<0.25U	<0.062U	<0.044U	0.074	<0.14U	<0.18U	<0.058U	<0.13U	<0.19U	<0.22U	<0.36U	<0.062U	<0.2U	<0.13U	<0.062U	-	<0.27U	<0.42U
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	<0.13U	<0.12U	<0.41U	<0.18U	<0.16U	<0.04U	<0.029U	0.036	<0.089U	<0.12U	<0.037U	<0.084U	<0.12U	<0.14U	<0.23U	<0.04U	<0.13U	<0.086U	<0.04U	-	<0.17U	<0.27U
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.12U	<0.11U	<0.38U	<0.17U	<0.15U	<0.037U	<0.027U	0.045	<0.083U	<0.11U	<0.035U	<0.077U	<0.11U	<0.13U	<0.21U	<0.037U	<0.12U	<0.08U	<0.037U	-	<0.16U	<0.25U
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	<0.049U	<0.044U	<0.16U	<0.069U	<0.062U	<0.016U	<0.011U	0.1	<0.034U	<0.044U	<0.014U	<0.032U	<0.048U	<0.054U	<0.089U	<0.016U	<0.05U	<0.033U	<0.016U	-	<0.066U	<0.1U
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.045U	<0.041U	<0.15U	<0.064U	<0.058U	<0.014U	<0.01U	0.027	<0.032U	<0.041U	<0.013U	<0.03U	<0.044U	<0.051U	<0.083U	<0.014U	<0.046U	<0.031U	<0.014U	-	<0.062U	<0.097U
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	<0.048U	<0.044U	<0.16U	<0.068U	<0.061U	<0.015U	<0.011U	0.018	<0.034U	<0.044U	<0.014U	<0.032U	<0.047U	<0.054U	<0.088U	<0.015U	<0.049U	<0.033U	<0.015U	-	<0.066U	<0.1U
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	<0.23U	<0.21U	<0.75U	<0.33U	<0.3U	<0.074U	<0.053U	0.075	<0.16U	<0.21U	<0.069U	<0.15U	<0.23U	<0.26U	<0.42U	<0.074U	<0.24U	<0.16U	<0.074U	-	<0.32U	<0.5U
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	<0.1U	<0.093U	<0.33U	<0.14U	<0.13U	<0.033U	<0.023U	0.039	<0.072U	<0.093U	<0.03U	<0.068U	<0.1U	<0.11U	<0.19U	<0.033U	<0.1U	<0.07U	<0.033U	-	<0.14U	<0.22U
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.068U	<0.017U	<0.012U	0.043	<0.038U	<0.049U	<0.016U	<0.035U	<0.053U	<0.06U	<0.098U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.073U	<0.11U
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	<0.054U	<0.049U	<0.17U	<0.076U	<0.068U	<0.017U	<0.012U	0.036	<0.038U	<0.049U	<0.016U	<0.035U	<0.053U	<0.06U	<0.098U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.073U	<0.11U
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<0.1U	<0.093U	<0.33U	<0.14U	<0.13U	<0.033U	<0.023U	<0.0012U	<0.072U	<0.093U	<0.03U	<0.068U	<0.1U	<0.11U	<0.19U	<0.033U	<0.11U	<0.07U	<0.033U	-	<0.14U	<0.22U
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	<0.13U	<0.12U	<0.41U	<0.18U	<0.16U	<0.041U	<0.029U	0.16	<0.09U	<0.12U	<0.038U	<0.084U	<0.12U	<0.14U	<0.23U	<0.041U	<0.13U	<0.087U	<0.041U	-	<0.17U	<0.27U
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	<0.2U	<0.18U	<0.64U,F1	<0.28U	<0.25U	<0.063U	<0.045U	0.11	<0.14U	<0.18U	<0.059U	<0.13U	<0.19U	<0.22U	<0.36U	<0.063U	<0.2U	<0.14U	<0.063U	-	<0.27U	<0.42U
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	<0.049U	<0.044U	<0.16U	<0.069U	<0.062U	<0.016U	<0.011U	<0.00055U	<0.034U	<0.044U	<0.014U	<0.032U	<0.048U	<0.054U	<0.089U	<0.016U	<0.05U	<0.033U	<0.016U	-	<0.067U	<0.1U
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	<0.05U	<0.046U	<0.16U	<0.071U	<0.064U	<0.016U	<0.011U	0.018	<0.035U	<0.046U	<0.015U	<0.033U	<0.049U	<0.056U	<0.092U	<0.016U	<0.052U	<0.034U	<0.016U	-	<0.069U	<0.11U
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	<0.96U	<0.87U	<3.1U	<1.4U	<1.2U	<0.31U	<0.22U	<0.011U	<0.68U	<0.87U	<0.28U	<0.63U	<0.94U	<1.1U	<1.7U	<0.31U	<0.98U	<0.65U	<0.31U	-	<1.3U	<2.1U
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	<0.051U	<0.047U	<0.17U	<0.072U	<0.065U	<0.016U	<0.012U	0.078	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.093U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B22	B23449	5/9/2000	2-4	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.052U	<0.048U	<0.17U	<0.074U	<0.067U	<0.017U	<0.012U	0.019	<0.037U	<0.048U	<0.016U	<0.035U	<0.051U	<0.058U	<0.095U	<0.017U	<0.054U	<0.036U	<0.017U	-	<0.072U	<0.11U
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	<0.1U	<0.095U	<0.34U	<0.15U	<0.13U	<0.033U	<0.024U	0.33	<0.074U	<0.095U	<0.031U	<0.069U	<0.1U	<0.12U	<0.19U	<0.033U	<0.11U	<0.071U	<0.033U	-	<0.14U	<0.22U
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	<1U	<0.93U	<3.3U	<1.4U	<1.3U	<0.33U	<0.23U	0.39	<0.72U	<0.93U	<0.3U	<0.67U	<1U	<1.1U	<1.9U	<0.33U	<1U	<0.7U	<0.33U	-	<1.4U	<2.2U
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	<0.031U	<0.025U	<1.1U	<0.02U	<0.025U	<0.018U	<0.019U	<0.019U	<0.11U	<0.18U	<0.064U	-	<0.37U	<0.1U	<0.69U	<0.028U	<0.019U	<0.013U	<0.024U	<0.12U	<0.019U	<0.28U
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	<0.13U	<0.12U	<0.42U	<0.18U	<0.17U	<0.042U	<0.03U	0.22	<0.092U	<0.12U	<0.039U	<0.086U	<0.13U	<0.15U	<0.24U	<0.042U	<0.13U	<0.089U	<0.042U	-	<0.18U	<0.28U
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	<0.051U	<0.046U	<0.16U	<0.072U	<0.065U	<0.016U	<0.012U	0.12	<0.036U	<0.046U	<0.015U	<0.033U	<0.05U	<0.057U	<0.092U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.069U	<0.11U
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<1U	<0.93U	<3.3U	<1.4U	<1.3U	<0.32U	<0.23U	1.5	<0.72U	<0.93U	<0.3U	<0.67U	<1U	<1.1U	<1.9U	<0.32U	<1U	<0.69U	<0.32U	-	<1.4U	<2.2U
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<2.4U	<2.2U	<7.7U	<3.4U	<3U	<0.76U	<0.54U	1.6	<1.7U	<2.2U	<0.71U	<1.6U	<2.3U	<2.7U	<4.3U	<0.76U	<2.4U	<1.6U	<0.76U	-	<3.3U	<5.1U
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<1U	<0.94U	<3.3U	<1.5U	<1.3U	<0.33U	<0.24U	0.26	<0.73U	<0.94U	<0.31U	<0.68U	<1U	<1.2U	<1.9U	<0.33U	<1.1U	<0.71U	<0.33U	-	<1.4U	<2.2U
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	<0.27U	<0.24U	<0.86U	<0.38U	<0.34U	<0.085U	<0.061U	0.17	<0.19U	<0.24U	<0.079U	<0.18U	<0.26U	<0.3U	<0.49U	<0.085U	<0.27U	<0.18U	<0.085U	-	<0.36U	<0.57U
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.046U	<0.042U	<0.15U	<0.065U	<0.059U	<0.015U	<0.011U	<0.00053U	<0.033U	<0.042U	<0.014U	<0.031U	<0.045U	<0.052U	<0.084U	<0.015U	<0.047U	<0.032U	<0.015U	-	<0.063U	<0.099U
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	<0.053U	<0.048U	<0.17U	<0.074U	<0.067U	<0.017U	<0.012U	0.051	<0.037U	<0.048U	<0.016U	<0.035U	<0.052U	<0.059U	<0.096U	<0.017U	<0.054U	<0.036U	<0.017U	-	<0.072U	<0.11U
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	<0.054U	<0.049U	<0.18U	<0.077U	<0.069U	<0.017U	<0.012U	0.13	<0.038U	<0.049U	<0.016U	<0.036U	<0.053U	<0.061U	<0.099U	<0.017U	<0.056U	<0.037U	<0.017U	-	<0.074U	<0.12U
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.2U	<0.18U	<0.64U	<0.28U	<0.25U	<0.064U	<0.045U	0.076	<0.14U	<0.18U	<0.059U	<0.13U	<0.2U	<0.22U	<0.36U	<0.064U	<0.2U	<0.14U	<0.064U	-	<0.27U	<0.43U
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																			
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B21	B23448	5/9/2000	1-4	<0.38U	<0.38U	-	<0.38U	-	0.13J	-	0.12J	0.11J	0.093J	0.12J	-	-	-	-	-	-	-	-	0.16J	<0.38U	<0.38U
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	0.013	0.081	<0.013U	0.067	<0.044U	0.22	<0.028U	0.25	0.37	0.28	0.13	-	<0.015U	<0.015U	<0.012U	<0.062U	<0.027U	<0.091U	0.047J	0.25	0.051	0.055J
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	0.012	0.098	<0.013U	0.067	<0.044U	0.32	<0.028U	0.34	0.5	0.36	0.18	-	<0.015U	<0.015U	<0.012U	<0.062U	<0.027U	<0.091U	0.031J	0.4	0.076	0.028J
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.0088U	0.09	<0.13U	0.077	<0.42U	0.12	<0.27U	0.12	0.15	0.23	0.068J	-	<0.14U	<0.14U	<0.12U	<0.59U	<0.26U	<0.87U	<0.22U	0.15	<0.0077U	<0.15U
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.00087U	<0.0004U	<0.013U	<0.00089U	<0.041U	0.15	<0.026U	0.021	0.02	0.0091	<0.00078U	-	<0.014U	<0.014U	<0.011U	0.077J	<0.025U	<0.086U	<0.022U	0.26	<0.00076U	<0.015U
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	0.0057J	0.025	<0.014U	0.034	<0.044U	0.3	<0.028U	0.25	0.35	0.19	0.1	-	<0.015U	<0.015U	<0.012U	0.085J	<0.027U	<0.092U	<0.023U	0.34	0.049	<0.016U
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	0.0074J	0.039F1,F2	<0.014U	0.043F1,F2	<0.044U	0.17F1,F2	0.029J	0.17F1,F2	0.24F1,F2	0.14F1,F2	0.092F1,F2	-	<0.015U	<0.015U	<0.012U	0.11	<0.027U	<0.092U	<0.023U,F1,F2	0.17F1,F2	0.034F1	0.04J
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.00092U	0.11	<0.013U	0.11	<0.044U	0.62	<0.028U	0.57	0.8	0.54	0.28	-	<0.015U	<0.015U	<0.012U	<0.062U	<0.027U	<0.091U	0.07	0.65	0.11	0.033J
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	0.012	0.066	<0.013U	0.047	<0.042U	0.22	<0.027U	0.23	0.36	0.21	0.11	-	<0.014U	<0.014U	<0.012U	<0.06U	<0.026U	<0.088U	0.029J	0.24	0.05	0.029J
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<0.0043U	0.17	<0.062U	0.21	<0.2U	0.64	<0.13U	0.54	0.87	0.26	0.29	-	<0.067U	<0.067U	<0.056U	<0.29U	<0.12U	<0.42U	<0.11U	0.7	0.11	0.1J
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	0.033	0.24	<0.025U	0.28	<0.083U	0.92	<0.053U	0.81	1.1	0.54	0.45	-	<0.028U	<0.028U	<0.023U	<0.12U	<0.051U	<0.17U	0.066J	0.88	0.14	0.1J
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	0.032J	0.056	<0.063U	0.11	<0.21U	0.28	<0.13U	0.25	0.32	0.18	0.11	-	<0.069U	<0.069U	<0.057U	<0.29U	<0.13U	<0.43U	<0.11U	0.37	<0.0038U	<0.075U
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	<0.0034U	0.024J	<0.05U	0.036	<0.16U	0.12	<0.1U	0.094	0.13	0.075	<0.0031U	-	<0.054U	<0.054U	<0.045U	<0.23U	<0.1U	<0.34U	<0.086U	0.21	<0.003U	<0.059U
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	<0.00086U	0.073	<0.012U	0.042	<0.041U	0.16	<0.026U	0.17	0.24	0.12	0.073	-	<0.014U	<0.014U	<0.011U	<0.058U	<0.025U	<0.085U	<0.021U	0.18	0.036	0.015J
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	<0.0021U	0.063	<0.031U	0.049	<0.1U	0.24	<0.065U	0.23	0.35	0.13	0.1	-	<0.034U	<0.034U	<0.028U	<0.14U	<0.062U	<0.21U	<0.054U	0.33	0.046	<0.037U
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	<0.0034U	0.079	<0.049U	0.054	<0.16U	0.33	<0.1U	0.31	0.46	0.18	0.15	-	<0.053U	<0.053U	<0.044U	<0.23U	<0.098U	<0.33U	<0.085U	0.41	0.065	<0.058U
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	<0.0022U	0.3	0.04J	0.16	<0.1U	0.61	0.15J	0.78	1.2	0.4	0.4	-	<0.035U	<0.035U	<0.029U	<0.15U	<0.063U	<0.22U	<0.055U	0.61	0.15	<0.037U
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.002U	0.049	<0.029U	0.024	<0.096U	0.14	<0.061U	0.17	0.3	<0.00093U	0.1	-	<0.032U	<0.032U	<0.027U	<0.14U	<0.059U	<0.2U	<0.051U	0.25	<0.0018U	<0.035U
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	0.014	0.029	<0.012U	0.032	<0.04U	0.1	<0.025U	0.099	0.17	0.058	0.035	-	<0.013U	<0.013U	<0.011U	<0.056U	<0.024U	<0.083U	<0.021U	0.12	0.015	0.039J
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.00078U	0.052	<0.011U	0.019	<0.037U	0.092	<0.024U	0.11	0.19	0.056	0.11	-	<0.012U	<0.012U	<0.01U	<0.053U	<0.023U	<0.077U	<0.02U	0.17	<0.00068U	<0.013U
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	0.0075	0.021	<0.012U	0.026	<0.039U	0.086	<0.025U	0.081	0.13	0.046	0.051	-	<0.013U	<0.013U	<0.011U	<0.056U	<0.024U	<0.082U	<0.021U	0.11	<0.00072U	<0.014U
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	<0.004U	0.029J	<0.058U	0.019J	<0.19U	0.11	<0.12U	0.25	0.38	<0.0018U	<0.0036U	-	<0.063U	<0.063U	<0.053U	<0.27U	<0.12U	<0.4U	<0.1U	0.28	<0.0035U	<0.069U
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	<0.0018U	0.19	<0.026U	0.11	<0.084U	0.7	<0.054U	0.5	1	0.21	0.34	-	<0.028U	<0.028U	<0.023U	<0.12U	<0.051U	<0.17U	<0.044U	0.8	0.088	<0.03U
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	0.045	0.019	<0.013U	0.12	<0.044U	0.28	<0.028U	0.23	0.35	0.054	0.13	-	<0.015U	<0.015U	<0.012U	0.087	<0.027U	<0.092U	0.043J	0.26	<0.00081U	0.034J
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	0.011	0.039	<0.013U	0.038	<0.044U	0.13	<0.028U	0.14	0.25	0.047	0.11	-	<0.015U	<0.015U	<0.012U	0.099	<0.027U	<0.092U	<0.023U	0.16	<0.00081U	0.018J
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<0.0018U	<0.00082U	<0.026U	<0.0018U	<0.084U	<0.0015U	<0.054U	<0.0015U	<0.0014U	<0.00082U	<0.0016U	-	<0.028U	<0.028U	<0.023U	<0.12U	<0.051U	<0.18U	<0.044U	<0.0026U	<0.0015U	<0.03U
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	0.021	0.084	<0.032U	0.088	<0.1U	0.31	<0.067U	0.27	0.43	0.17	0.14	-	<0.035U	<0.035U	<0.029U	<0.15U	<0.064U	<0.22U	<0.055U	0.37	0.055	0.066J
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	0.081	0.059	<0.05U	0.29	<0.16U	0.96	<0.1U	0.92	1.3	0.38	0.59	-	<0.054U	<0.054U	<0.045U	<0.23U	<0.099U	<0.34U	0.098J	0.99	<0.003U	0.094J
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	<0.00084U	<0.00039U	<0.012U	<0.00086U	<0.04U	<0.0007U	<0.026U	<0.00071U	<0.00065U	<0.00039U	<0.00075U	-	<0.013U	<0.013U	<0.011U	0.064J	<0.024U	<0.083U	<0.021U	<0.0012U	<0.00073U	<0.014U
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	0.0041J	0.014	<0.013U	0.015	<0.041U	0.051	<0.026U	0.056	0.083	0.028	0.032	-	<0.014U	<0.014U	<0.011U	0.062J	<0.025U	<0.086U	<0.022U	0.063	<0.00076U	<0.015U
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	<0.017U	<0.0076U	<0.24U	<0.017U	<0.79U	<0.014U	<0.5U	<0.014U	<0.013U	<0.0076U	<0.015U	-	<0.26U	<0.26U	<0.22U	<1.1U	<0.48U	<1.6U	<0.41U	0.29	<0.014U	<0.28U
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	0.0099	0.036	<0.013U	0.044	<0.042U	0.12	<0.027U	0.15	0.24	0.062	0.099	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.026U	<0.087U	<0.022U	0.19	<0.00077U	0.03J
SSHS-B22	B23449	5/9/2000	2-4	0.044J	<0.37U	-	0.15J	-	0.36J	-	0.33J	0.28J	0.29J	0.26J	-	-	-	-	-	-	-	-	0.37	0.1J	<0.37U
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.00091U	0.031	<0.013U	0.029	<0.043U	0.099	0.042J	0.11	0.17	0.03	0.07	-	<0.014U	<0.014U	<0.012U	0.064J	<0.026U	<0.089U	<0.023U	0.1	<0.00079U	<0.016U
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	0.095	0.59	<0.026U	0.53	<0.086U	1.4	<0.055U	1.6	2.4	0.91	0.73	-	<0.029U	<0.029U	<0.024U	0.15J	<0.052U	<0.18U	0.36	1.4	0.22	0.31
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	0.26	1.7	<0.26U	4	<0.84U	9.4	<0.53U	8.3	12	3.9	5	-	<0.28U	<0.28U	<0.23U	<1.2U	<0.51U	<1.7U	3.3	8.4	1	0.97J
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	<0.023U	<0.017U	<0.022U	<0.021U	<0.17U	0.018J	<0.05U,*	0.023J	0.02J	0.021J	<0.024U	-	<0.019U	<0.014U	<0.03U	<0.43U	<0.27U	<0.26U	<0.019U	0.021J	<0.018U	<0.017U
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	0.032	0.29	<0.033U	0.26	<0.11U	1.1	<0.068U	1.2	2	0.55	0.68	-	<0.036U	<0.036U	<0.03U	<0.15U	<0.066U	<0.22U	0.15	1.2	<0.002U	0.13J
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	0.034	0.059	0.016J	0.12	<0.042U	0.47	<0.027U	0.37	0.54	0.21	0.15	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.025U	<0.087U	0.047J	0.5	0.073	0.037J
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<0.018U	<0.0081U	<0.25U	<0.018U	<0.83U	<0.015U	<0.53U	<0.015U	<0.014U	<0.0081U	<0.016U	-	<0.28U	<0.28U	<0.23U	<1.2U	<0.51U	<1.7U	<0.44U	<0.025U	<0.015U	<0.3U
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<0.041U	<0.019U	<0.6U	<0.042U	<2U	<0.034U	<1.2U	<0.035U	<0.032U	<0.019U	<0.037U	-	<0.65U	<0.65U	<0.54U	<2.8U	<1.2U	<4.1U	<1U	<0.06U	<0.036U	<0.71U
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<0.018U	<0.0083U	<0.26U	<0.018U	<0.85U	0.45	<0.54U	0.23	0.39	<0.0083U	<0.016U	-	<0.28U	<0.28U	<0.24U	<1.2U	<0.52U	<1.8U	<0.45U	0.63	<0.016U	<0.31U
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	<0.0046U	0.086	<0.067U	0.1	<0.22U	0.23	<0.14U	0.25	0.39	0.15	0.15	-	<0.073U	<0.073U	<0.061U	<0.31U	<0.13U	<0.46U	<0.12U	0.36	<0.004U	<0.079U
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.0008U	<0.00037U	<0.012U	<0.00082U	<0.038U	<0.00066U	<0.024U	<0.00067U	<0.00062U	<0.00037U	<0.00072U	-	<0.013U	<0.013U	<0.011U	<0.054U	<0.023U	<0.079U	<0.02U	<0.0012U	<0.0007U	<0.014U
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	<0.00091U	0.075	<0.013U	0.027	<0.043U	0.13	<0.028U	0.13	0.23	0.11	0.065	-	<0.014U	<0.014U	<0.012U	<0.061U	<0.026U	<0.09U	<0.023U	0.16	0.03	<0.016U
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	0.0057J	0.048	0.015J	0.023	<0.044U	0.17	<0.028U	0.2	0.32	0.15	0.11	-	<0.015U	<0.015U	<0.012U	0.072J	<0.027U	<0.093U	<0.023U	0.21	0.039	0.032J
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.0035U	0.042	<0.05U	<0.0035U	<0.16U	0.17	<0.1U	0.23	0.27	0.15	0.12	-	<0.055U	<0.055U	<0.045U	<0.23U	<0.1U	<0.34U	<0.086U	0.22	<0.003U	<0.059U
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																								VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B21	B23448	5/9/2000	1-4	-	-	-	-	0.23J	<0.38U	<0.38U	-	-	-	0.076J	-	<0.38U	-	-	-	<0.93U	0.12J	<0.38U	0.26J	-	<0.38U	-
SSHS-B2108	SSHS-B2108-SUB-0.17-2	7/25/2018	0.17-2	<0.037U	<0.017U	<0.027U	<0.034U	0.46	0.019	<0.0025U	<0.015U	<0.075U	<0.011U	0.19	<0.015U	0.23	<0.016U	<0.013U	<0.015U	<0.07U	0.33	0.011J	0.44	-	<0.0012U	-
SSHS-B2108	SSHS-B2108-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2109	SSHS-B2109-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.51	0.015	<0.0026U	<0.015U	<0.075U	<0.011U	0.27	<0.015U	0.088	<0.016U	<0.013U	<0.015U	<0.07U	0.25	<0.0097U	0.58	-	<0.0013U	-
SSHS-B2109	SSHS-B2109-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2110	SSHS-B2110-SUB-0.17-2	7/25/2018	0.17-2	<0.36U	<0.16U	<0.26U	<0.33U	0.15	<0.0062U	<0.024U	<0.14U	<0.72U	<0.1U	0.13	<0.14U	0.37	<0.15U	<0.13U	<0.14U	<0.67U	0.2	<0.093U	0.17	-	<0.0012U	-
SSHS-B2110	SSHS-B2110-SUB-12-14	7/25/2018	12-14	<0.035U	<0.016U	<0.025U	<0.032U	<0.00063U	<0.00061U	<0.0024U	<0.014U	<0.071U	<0.01U	<0.0004U	<0.014U	<0.00094U	<0.015U	<0.013U	<0.014U	<0.066U	0.018	<0.0092U	0.16	-	<0.0011U	-
SSHS-B2127	SSHS-B2127-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.35	0.0048J	<0.0026U	<0.015U	<0.076U	<0.011U	0.14	<0.015U	0.058	<0.016U	<0.014U	<0.015U	<0.071U	0.15	<0.0098U	0.61	-	<0.0011U	-
SSHS-B2127	SSHS-B2127-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2128	SSHS-B2128-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.29F1,F2	0.012	<0.0026U	<0.015U	<0.076U,F1	<0.011U	0.11F1,F2	<0.015U	0.066	<0.016U	<0.014U	<0.015U	<0.071U	0.19F1,F2	0.016J	0.32F1,F2	-	<0.0012U	-
SSHS-B2128	SSHS-B2128-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00099U	-
SSHS-B2129	SSHS-B2129-SUB-0.17-2	7/25/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	1.3	0.014	<0.0026U	<0.015U	<0.075U	<0.011U	0.46	<0.015U	0.1	<0.016U	<0.013U	<0.015U	<0.071U	0.52	0.012J	1	-	<0.0011U	-
SSHS-B2129	SSHS-B2129-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2143	SSHS-B2143-SUB-0.17-2	7/25/2018	0.17-2	<0.036U	<0.016U	<0.026U	<0.033U	0.36	0.013	<0.0025U	<0.014U	<0.072U	<0.011U	0.16	<0.014U	0.12	<0.015U	<0.013U	<0.014U	<0.068U	0.2	<0.0093U	0.37	-	<0.0011U	-
SSHS-B2143	SSHS-B2143-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2185	SSHS-B2185-SUB-0-2	7/24/2018	0-2	<0.17U	<0.079U	<0.12U	<0.16U	1.3	0.028J	<0.012U	<0.067U	<0.35U	<0.051U	0.27	<0.067U	0.23	<0.073U	<0.062U	<0.067U	<0.33U	0.93	<0.045U	0.95	-	<0.001U	-
SSHS-B2185	SSHS-B2185-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2185	SSHS-B2185-SUB-2-4	7/24/2018	2-4	<0.072U	<0.032U	<0.051U	<0.065U	2	0.053	<0.0048U	<0.028U	<0.14U	<0.021U	0.49	<0.028U	0.23	<0.03U	<0.025U	<0.028U	<0.13U	1.1	<0.018U	1.4	-	-	-
SSHS-B2186	SSHS-B2186-SUB-0-2	7/24/2018	0-2	<0.18U	<0.08U	<0.13U	<0.16U	0.51	0.045	<0.012U	<0.069U	<0.36U	<0.052U	0.15	<0.069U	0.14	<0.075U	<0.063U	<0.069U	<0.33U	0.43	<0.046U	0.42	-	<0.0011U	-
SSHS-B2186	SSHS-B2186-SUB-2-4	7/24/2018	2-4	<0.14U	<0.063U	<0.1U	<0.13U	0.2	0.018J	<0.0095U	<0.054U	<0.28U	<0.041U	0.06	<0.054U	0.087	<0.059U	<0.05U	<0.054U	<0.26U	0.25	<0.036U	0.17	-	-	-
SSHS-B2187	SSHS-B2187-SUB-0-2	7/24/2018	0-2	<0.035U	<0.016U	<0.025U	<0.032U	0.23	<0.0006U	<0.0024U	<0.014U	<0.07U	<0.01U	0.11	<0.014U	0.069	<0.015U	<0.012U	<0.014U	<0.066U	0.096	<0.0091U	0.21	-	<0.0011U	-
SSHS-B2187	SSHS-B2187-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2187	SSHS-B2187-SUB-2-4	7/24/2018	2-4	<0.088U	<0.04U	<0.062U	<0.079U	0.43	0.013J	<0.0059U	<0.034U	<0.18U	<0.025U	0.12	<0.034U	0.072	<0.037U	<0.031U	<0.034U	<0.16U	0.21	<0.023U	0.37	-	-	-
SSHS-B2188	SSHS-B2188-SUB-0-2	7/24/2018	0-2	<0.14U	<0.062U	<0.098U	<0.12U	0.48	<0.0024U	<0.0093U	<0.053U	<0.28U	<0.04U	0.17	<0.053U	0.064	<0.058U	<0.049U	<0.053U	<0.26U	0.17	<0.036U	0.53	-	<0.0011U	-
SSHS-B2188	SSHS-B2188-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0012J	-
SSHS-B2188	SSHS-B2188-SUB-2-4	7/24/2018	2-4	<0.089U	<0.04U	<0.063U	<0.081U	0.68	0.024	<0.0061U	<0.035U	<0.18U	<0.026U	0.45	<0.035U	0.072	<0.037U	<0.032U	<0.035U	<0.17U	0.22	<0.023U	0.58	-	-	-
SSHS-B2189	SSHS-B2189-SUB-0-2	7/24/2018	0-2	<0.083U	<0.037U	<0.059U	<0.075U	0.26	<0.0014U	<0.0056U	<0.032U	<0.17U	<0.024U	0.07	<0.032U	0.054	<0.035U	<0.029U	<0.032U	<0.15U	0.1	<0.021U	0.2	-	<0.0012U	-
SSHS-B2189	SSHS-B2189-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-
SSHS-B2189	SSHS-B2189-SUB-2-4	7/24/2018	2-4	<0.034U	<0.016U	<0.024U	<0.031U	0.28	0.013	<0.0023U	<0.013U	<0.069U	<0.01U	0.054	<0.013U	0.094	<0.014U	<0.012U	<0.013U	<0.064U	0.15	<0.0089U	0.18	-	-	-
SSHS-B2190	SSHS-B2190-SUB-0-2	7/27/2018	0-2	<0.032U	<0.014U	<0.023U	<0.029U	0.18	<0.00055U	<0.0022U	<0.012U	<0.064U	<0.0093U	0.048	<0.012U	<0.00085U	<0.013U	<0.011U	<0.012U	<0.06U	0.08	<0.0083U	0.16	-	<0.00099U	-
SSHS-B2190	SSHS-B2190-SUB-2-4	7/27/2018	2-4	<0.034U	<0.015U	<0.024U	<0.031U	0.17	0.008	<0.0023U	<0.013U	<0.068U	<0.0099U	0.041	<0.013U	0.025	<0.014U	<0.012U	<0.013U	<0.063U	0.1	<0.0088U	0.12	-	-	-
SSHS-B2191	SSHS-B2191-SUB-0-2	7/24/2018	0-2	<0.16U	<0.074U	<0.12U	<0.15U	0.31	<0.0028U	<0.011U	<0.063U	<0.33U	<0.048U	<0.0018U	<0.063U	0.022J	<0.069U	<0.058U	<0.063U	<0.31U	0.19	<0.042U	0.2	-	<0.001U	-
SSHS-B2191	SSHS-B2191-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-
SSHS-B2191	SSHS-B2191-SUB-2-4	7/24/2018	2-4	<0.072U	<0.033U	<0.051U	<0.065U	1.9	<0.0012U	<0.0049U	<0.028U	<0.14U	<0.021U	0.23	<0.028U	0.055	<0.03U	<0.026U	<0.028U	<0.14U	0.68	<0.019U	1.2	-	-	-
SSHS-B2192	SSHS-B2192-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-
SSHS-B2193	SSHS-B2193-SUB-0.17-2	7/26/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.61	0.044	<0.0026U	<0.015U	<0.076U	<0.011U	0.056	<0.015U	0.047	<0.016U	<0.013U	<0.015U	<0.071U	0.41	<0.0098U	0.39	-	<0.0014U	-
SSHS-B2195	SSHS-B2195-SUB-0.17-2	7/26/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.034U	0.31	0.011	<0.0026U	<0.015U	<0.076U	<0.011U	0.049	<0.015U	0.088	0.049J	<0.013U	<0.015U	<0.071U	0.15	<0.0098U	0.2	-	<0.0012U	-
SSHS-B2195	SSHS-B2195-SUB-12-14	7/26/2018	12-14	<0.072U	<0.033U	<0.051U	<0.065U	<0.0013U	<0.0012U	<0.0049U	<0.028U	<0.14U	<0.021U	<0.00082U	<0.028U	<0.0019U	<0.03U	<0.026U	<0.028U	<0.14U	<0.0017U	<0.019U	<0.001U	-	<0.001U	-
SSHS-B2196	SSHS-B2196-SUB-0-2	7/24/2018	0-2	<0.09U	<0.041U	<0.064U	<0.081U	0.53	0.023	<0.0061U	<0.035U	<0.18U	<0.026U	0.17	<0.035U	0.14	<0.038U	<0.032U	<0.035U	<0.17U	0.37	<0.023U	0.43	-	<0.0013U	-
SSHS-B2197	SSHS-B2197-SUB-0-2	7/24/2018	0-2	<0.14U	<0.063U	<0.099U	<0.13U	1.8F1	0.11	<0.0095U	<0.054U	<0.28U,F1	<0.041U	0.38	<0.054U	0.12	<0.059U	<0.05U	<0.054U	<0.26U,F1	0.81	<0.036U	1.6F1	-	<0.00058U,*	-
SSHS-B2197	SSHS-B2197-SUB-12-14	7/24/2018	12-14	<0.034U	<0.016U	<0.024U	<0.031U	<0.00061U	<0.00059U	<0.0023U	<0.013U	<0.069U	<0.01U	<0.00039U	<0.013U	<0.00091U	<0.014U	<0.012U	<0.013U	<0.064U	<0.00081U	<0.0089U	0.037	-	<0.00041U,*	-
SSHS-B2197	SSHS-B2197-SUB-2-4	7/24/2018	2-4	<0.035U	<0.016U	<0.025U	<0.032U	0.097	0.0085	<0.0024U	<0.014U	<0.071U	<0.01U	0.026	<0.014U	0.013	<0.015U	<0.013U	<0.014U	<0.066U	0.063	<0.0092U	0.084	-	-	-
SSHS-B2198	SSHS-B2198-SUB-0-2	7/24/2018	0-2	<0.68U	<0.31U	<0.48U	<0.61U	0.1J	<0.012U	<0.046U	<0.26U	<1.4U	<0.2U	<0.0076U	<0.26U	<0.018U	<0.28U	<0.24U	<0.26U	<1.3U	0.12J	<0.17U	0.15	-	<0.00059U	-
SSHS-B2198	SSHS-B2198-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00051U	-
SSHS-B2198	SSHS-B2198-SUB-2-4	7/24/2018	2-4	<0.036U	<0.016U	<0.026U	<0.033U	0.24	<0.00062U	<0.0024U	<0.014U	<0.072U	<0.01U	0.058	<0.014U	0.1	<0.015U	<0.013U	<0.014U	<0.068U	0.18	<0.0093U	0.22	-	-	-
SSHS-B22	B23449	5/9/2000	2-4	-	-	-	-	0.75	<0.37U	<0.37U	-	-	-	0.24J	-	<0.37U	-	-	-	<0.9U	0.57	<0.37U	<0.81U	-	<0.37U	-
SSHS-B2213	SSHS-B2213-SUB-0.17-2	7/26/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.24	<0.00063U	<0.0025U	<0.014U	<0.074U	<0.011U	0.04	<0.014U	0.045	<0.016U	<0.013U	<0.014U	<0.069U	0.1	<0.0095U	0.16	-	<0.0012U	-
SSHS-B2213	SSHS-B2213-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0013U	-
SSHS-B2214	SSHS-B2214-SUB-0.17-2	7/26/2018	0.17-2	<0.074U	<0.033U	<0.052U	<0.067U	3.4	0.25	<0.005U	<0.029U	<0.15U	<0.021U	0.86	<0.029U	0.9	<0.031U	<0.026U	<0.029U	<0.14U	2.5	<0.019U	2.7	-	-	-
SSHS-B2214	SSHS-B2214-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00099U	-
SSHS-B2215	SSHS-B2215-SUB-0.17-2	7/26/2018	0.17-2	<0.72U	<0.33U	<0.51U	<0.65U	25	0.73	<0.049U	<0.28U	<1.4U	<0.21U	4.1	<0.28U	0.72	<0.3U	<0.26U	<0.28U	<1.3U	19	<0.19U	20	-	<0.28U	-
SSHS-B2215	SSHS-B2215-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00099U	-
SSHS-B2215A	SSHS-B2215A-SUB-2-4	5/21/2019	2-4	<0.14U	<0.014U	<0.17U	<0.23U	0.021J	<0.016U	<0.029U	<0.023U	<0.041U	<0.021U	<0.016U	<0.02U	<0.016U	<0.15U	<0.027U	<0.13U	<0.64U	0.024J	<0.12U	0.02J	-	<0.0012U	-
SSHS-B2216	SSHS-B2216-SUB-12-14	7/25/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2217	SSHS-B2217-SUB-0.17-2	7/27/2018	0.17-2	<0.092U	<0.042U	<0.066U	<0.083U	2.8	0.054	<0.0063U	<0.036U	<0.18U	<0.027U	0.45	<0.036U	0.62	<0.039U	<0.033U	<0.036U	<0.17U	1.1	<0.024U	2.3	-	<0.0011U	-
SSHS-B2217	SSHS-B2217-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2221	SSHS-B2221-SUB-0.17-2	7/24/2018	0.17-2	<0.036U	<0.016U	<0.025U	<0.032U	0.84	0.03	<0.0024U	<0.014U	<0.072U	<0.01U	0.21	<0.014U	0.12	<0.015U	<0.013U	<0.014U	<0.067U	0.53	<0.0092U	0.64	-	<0.0011U	-
SSHS-B2221	SSHS-B2221-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2223	SSHS-B2223-SUB-10-12	7/26/2018	10-12	<0.72U	<0.32U	<0.51U	<0.65U	<0.013U	<0.012U	<0.049U	<0.28U	<1.4U	<0.21U	<0.0081U	<0.28U	<0.019U	<0.3U	<0.25U	<0.28U	<1.3U	0.58	<0.19U	0.31	-	<0.0012U	-
SSHS-B2223	SSHS-B2223-SUB-12-14	7/26/2018	12-14	<1.7U	<0.76U	<1.2U	<1.5U	<0.03U	<0.029U	<0.11U	<0.65U	<3.4U	<0.49U	<0.019U	<0.65U	<0.044U	<0.71U	<0.6U	<0.65U	<3.1U	1.5	<0.43U	<0.024U	-	<0.001U	-
SSHS-B2223	SSHS-B2223-SUB-8-10	7/26/2018	8-10	<0.73U	<0.33U	<0.52U	<0.66U	0.58	<0.012U	<0.05U	<0.28U	<1.5U	<0.21U	0.11J	<0.28U	0.11J	<0.31U	<0.26U	<0.28U	<1.4U	0.63	<0.19U	0.7	-	<0.0011U	-
SSHS-B2224	SSHS-B2224-SUB-0.17-2	7/26/2018	0.17-2	<0.19U	<0.085U	<0.13U	<0.17U	0.51	0.07	<0.013U	<0.073U	<0.38U	<0.055U	0.12	<0.073U	0.097	<0.079U	<0.067U	<0.073U	<0.35U	0.52	<0.049U	0.5	-	<0.0011U	-
SSHS-B2224	SSHS-B2224-SUB-10-12	7/26/2018	10-12	<0.033U	<0.015U	<0.023U	<0.03U	<0.00058U	<0.00056U	<0.0022U	<0.013U	<0.065U	<0.0095U	<0.00037U	<0.013U	<0.00086U	<0.014U	<0.012U	<0.013U	<0.061U	0.0055J	<0.0084U	0.012	-	<0.00093U	-
SSHS-B2225	SSHS-B2225-SUB-0.17-2	7/24/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.034U	0.23	<0.00064U	<0.0025U	<0.014U	<0.074U,F1	<0.011U	0.1	<0.014U	0.05	<0.016U	<0.013U	<0.014U	<0.07U,F1	0.086	<0.0096U	0.19	-	<0.0012U,F2	-
SSHS-B2226	SSHS-B2226-SUB-0.17-2	7/26/2018	0.17-2	<0.038U	<0.017U	<0.027U	<0.035U	0.24	<0.00065U	<0.0026U	<0.015U	<0.077U	<0.011U	0.12	<0.015U	0.095	<0.016U	<0.014U	<0.015U	<0.072U	0.12	<0.0099U	0.29	-	<0.0012U	-
SSHS-B2226	SSHS-B2226-SUB-10-12	7/26/2018	10-12	<0.14U	<0.064U	<0.1U	<0.13U	0.27	<0.0024U	<0.0095U	<0.055U	<0.28U	<0.041U	0.13	<0.055U	0.098	<0.059U	<0.05U	<0.055U	<0.26U	0.27	<0.036U	0.35	-	<0.0011U	-
SSHS-B2226	SSHS-B2226-SUB-12-14	7/26/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0012U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	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	<0.0024U
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	<0.0019U	<0.0021U	<0.0016U	<0.0018U	<0.0024U	<0.0041U	<0.0024U	<0.0029U	<0.0023U	<0.0017U	<0.0027U	<0.003U,*	<0.0014U	<0.0038U	<0.0024U	<0.0019U	<0.0023U	<0.0025U	<0.0032U	<0.0023U	<0.0025U	<.002U
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	<0.0024U	<0.0026U	<0.0021U	<0.0023U	<.003U	<0.0053U	<0.0031U	<0.0037U	<0.0029U	<0.0022U	<0.0035U	<0.0038U,*	<0.0018U	<0.0049U	<.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.0029U	<0.0032U	<0.0026U
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0027U	<0.0021U	<0.0033U	<0.0035U,*	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0028U	<.003U	<0.0024U
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	<0.0023U	<0.0025U	<.002U	<0.0022U	<0.0029U	<0.0051U	<.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	<0.0025U	<0.0027U	<0.0021U	<0.0023U	<0.0031U	<0.0054U	<0.0031U	<0.0037U	<.003U	<0.0023U	<0.0036U	<0.0039U	<0.0018U	<.005U	<0.0031U	<0.0024U	<.003U	<0.0033U	<0.0042U	<.003U	<0.0032U	<0.0026U
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	<0.0026U	<0.0028U	<0.0022U	<0.0025U	<0.0032U	<0.0056U	<0.0033U	<0.0039U	<0.0031U	<0.0024U	<0.0037U	<.004U	<0.0019U	<0.0052U	<0.0032U	<0.0025U	<0.0031U	<0.0034U	<0.0043U	<0.0031U	<0.0034U	<0.0028U
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	<0.0022U	<0.0024U	<0.0018U	<0.0021U	<0.0027U	<0.0047U	<0.0027U	<0.0033U	<0.0026U	<.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	<0.0023U	<0.0026U	<.002U	<0.0022U	<0.0029U	<0.0051U	<.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U	<0.0017U	<0.0048U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<.004U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	<0.0021U	<0.0023U	<0.0018U	<.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	<0.00045U	<0.00048U	<0.00048U	<0.00051U	<0.00044U	<0.00084U	<0.00035U	<0.00037U	<0.00057U	<0.00057U	<0.0007U	<0.00053U	<0.00034U	<0.00085U	<0.00042U	<0.00041U	<0.00052U	<0.00028U	<0.00058U	<0.00033U	<0.00078U	0.00097J
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	0.0011J	<0.00059U	0.0035J	0.0017J	<0.00054U	0.0017J	<0.00043U	<0.00046U	<0.0007U	<0.0007U	<0.00087U	<0.00066U	<0.00042U	<0.0011U	<0.00052U	<0.0005U	<0.00065U	<0.00034U	<0.00072U	<0.00041U	<0.00096U	<0.00063U
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	<0.002U	<0.0022U	<0.0018U	<0.002U	<0.0025U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<.003U	<0.0032U	<0.0015U	<0.0041U	<0.0026U	<.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	<0.0026U	<0.0028U	<0.0022U	<0.0025U	<0.0032U	<0.0056U	<0.0033U	<0.0039U	<0.0031U	<0.0024U	<0.0037U	<.004U	<0.0019U	<0.0052U	<0.0032U	<0.0025U	<0.0031U	<0.0034U	<0.0043U	<0.0031U	<0.0034U	<0.0028U
SSHS-B2238	SSHS-B2238-SUB-0-2	7/24/2018	0-2	<0.0023U	<0.0025U	<0.0019U	<0.0022U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0028U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0028U	<0.003U,F2	<0.0024U
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.0029U	<0.0031U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0026U	<0.0022U
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0032U	<0.0034U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	B23439	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	-	-	0.0017J
SSHS-B23	B23440	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	-	-	0.0013J
SSHS-B23	B23441	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	-	-	0.0014J
SSHS-B24	B23401T2	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	-	-	<0.0056U
SSHS-B24	B23401T2-1	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	-	-	<0.0057U
SSHS-B24	B23438	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	-	-	0.0029J
SSHS-B25	B23436	5/9/2000	1-4	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	-	-	<0.0054U	<0.0054U	-	<0.0054U	-	-	-	-	-	<0.0054U	-	-	0.0015J
SSHS-B25	B23437	5/9/2000	8-12	<0.006U	<0.0024U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.0024U	<0.0024U	-	<0.0024U	-	-	-	-	-	<0.006U	-	-	0.0024J
SSHS-B26	B23426	5/8/2000	4-6	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	-	-	<0.0052U	<0.0052U	-	<0.0052U	-	-	-	-	-	<0.0052U	-	-	<0.0052U
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	<0.002U	<0.0022U	<0.0018U,F1	<0.002U	<0.0025U	<0.0045U	<0.0026U,F1	<0.0031U	<0.0025U	<0.0019U	<0.003U,F1	<0.0032U	<0.0015U	<0.0041U	<0.0026U	<.002U	<0.0025U	<0.0027U,F1	<0.0035U	<0.0025U	<0.0027U,F2,F1	<0.0022U,F1
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	<0.0024U	<0.0026U,*	<0.0021U,*	<0.0023U,*	<0.003U,*	<0.0053U,*	<0.0031U	<0.0037U,*	<0.003U,*	<0.0022U	<0.0035U	<0.0038U,*	<0.0018U	<0.0049U	<.003U	<0.0024U	<0.0029U	<0.0032U,*	<0.0041U	<0.003U,*	<0.0032U	<0.0026U
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	<0.0017U	<0.0018U	<0.0014U	<0.0016U	<0.0021U	<0.0036U	<0.0021U	<0.0025U	<.002U	<0.0015U	<0.0024U	<0.0026U	<0.0012U	<0.0034U	<0.0021U	<0.0016U	<.002U	<0.0022U,*	<0.0028U	<.002U	<0.0022U	<0.0018U
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	<0.0017U	<0.0019U	<0.0015U	<0.0017U	<0.0022U	<0.0038U	<0.0022U	<0.0027U	<0.0021U	<0.0016U	<0.0025U	<0.0027U	<0.0013U	<0.0035U	<0.0022U	<0.0017U	<0.0021U	<0.0023U	<.003U	<0.0021U	<0.0023U	<0.0019U
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.0023U	<0.0025U	<0.0019U	<0.0022U	<0.0028U	<.005U	<0.0029U	<0.0034U	<0.0028U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<.003U,*	<0.0038U	<0.0028U	<.003U	<0.0024U
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.00057U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U	<0.0006U	<0.0007U	<0.00048U	<0.00071U	<0.00063U	<0.00051U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00037U	<0.0006U	<0.0013U	<0.00049U
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.00057U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U	<0.0006U	<0.0007U	<0.00048U	<0.00071U	<0.00063U	<0.00051U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00037U	<0.0006U	<0.0013U	<0.00049U
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.00057U	<0.00055U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00049U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00048U	<0.00038U	<0.00038U	<0.0006U	<0.0013U	<0.0005U
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.00057U	<0.00054U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00049U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00038U	<0.0006U	<0.0013U	<0.00049U
SSHS-B27	B23427	5/8/2000	2-3	<0.0052U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	-	-	<0.0053U	<0.0053U	-	<0.0053U	-	-	-	-	-	<0.0053U	-	-	<0.0053U
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.0018U	<0.002U	<0.0016U	<0.0018U	<0.0023U	<0.004U	<0.0024U	<0.0028U	<0.0023U	<0.0017U	<0.0027U	<0.0029U	<0.0014U	<0.0037U	<0.0023U	<0.0018U	<0.0022U	<0.0025U,*	<0.0031U	<0.0023U	<0.0024U	<0.0022 - 0.0024J
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0028U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0046U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0028U	<0.003U	<0.0024U
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.0021U	<0.0023U	<0.0018U	<0.002 - 0.0085U	<0.0026U	<0.0046 - 0.011J	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.0021U,F2	<0.0023U,F2	<0.0018U,F2	<0.002U,F2	<0.0026U,F2	<0.0046U,F2	<0.0027U,F2	<0.0032U	<0.0025U	<0.0019U,F2	<.003U	<0.0033U	<0.0015U	<0.0042U,F1,F2	<0.0026U,F2	<.002U	<0.0025U	<0.0028U	<0.0035U,F2	<0.0025U,F2	<0.0027U	<0.0022U,F2
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.0036U	<0.0039U	<0.0031U	<0.0034U	<0.0044U	<0.0078U	<0.0045U	<0.0054U	<0.0044U	<0.0033U	<0.0052U	<0.0056U,*	<0.0026U	<0.0072U	<0.0044U	<0.0035U	<0.0043U	<0.0047U	<.006U	<0.0044U	<0.0047U	<0.0038U
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0027U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<.002U	<0.0031U	<0.0033U,*	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<.002U	<0.0025U	<0.0028U,*	<0.0035U	<0.0026U	<0.0027U	0.0025J
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.0024U	<0.0026U	<.002U	<0.0023U	<0.0029U	<0.0052U	<.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U	<0.0018U	<0.0048U	<.003U	<0.0023U	<0.0028U	<0.0031U	<.004U	<0.0029U	<0.0031U,*	<0.0025U
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<.003U	<0.0025U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.0041U	<0.0025U	<.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0026U	<0.0022U
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0019U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	<0.0037U	<0.0015U	<0.0015U	<0.0023U	<0.0014U	<0.0019U	<0.0024U	<0.0017U	<0.0035U	<0.002U,*	<0.0016U,*	<0.0039U,*	<0.0015U,*	<0.0015U	<0.0026U	<0.0043U	<0.0028U	<0.0014U	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	<0.0047U	<0.0019U	<0.002U	<0.0029U	<0.0018U	<0.0025U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.0049U	<0.002U	<0.0019U	<0.0033U	<0.0055U	<0.0036U	<0.0018U	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	<0.0045U	<0.0019U	<0.0019U	0.0034J	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0024U	<0.0019U	<0.0047U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.003U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	<0.0048U	<0.002U	<0.002U	<0.003U	<0.0019U	<0.0025U	<0.0032U	<0.0022U	<0.0046U	<0.0026U	<0.002U	<0.005U	<0.002U	<0.002U	<0.0034U	<0.0056U	<0.0037U	<0.0018U	-	-	-	-
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	<0.0042U	<0.0017U	<0.0017U	<0.0026U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	<0.005U	<0.0021U	<0.0021U	<0.0031U	<0.002U	<0.0026U	<0.0033U	<0.0023U	<0.0048U	<0.0027U	<0.0021U	<0.0053U	<0.0021U	<0.0021U	<0.0036U	<0.0059U	<0.0038U	<0.0019U	-	-	-	-
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	<0.0042U	<0.0017U	<0.0018U	<0.0026U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	<0.0046U	<0.0019U	<0.0019U	<0.0028U	<0.0018U	<0.0024U	<0.003U	<0.0021U	<0.0044U	<0.0025U	<0.0019U	<0.0048U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	<0.0043U	<0.0017U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	<0.0042U	<0.0017U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	<0.0042U	<0.0017U	<0.0017U	<0.0026U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	<0.00039U	<0.00044U	<0.00025U	<0.0019U	<0.0004U	<0.00038U	<0.00053U	<0.0003U	<0.00075U	<0.00039U	<0.00052U	<0.00039U	<0.00063U	<0.00035U	<0.00035U	<0.0012U	<0.00035U	<0.00086U	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	<0.00048U	<0.00054U	<0.00031U	<0.0024U	0.00098J	<0.00047U	<0.00066U	<0.00038U	<0.00093U	<0.00048U	<0.00064U	<0.00048U	<0.00078U	<0.00044U	<0.00043U	<0.0015U	<0.00044U	<0.0011U	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	<0.004U	<0.0016U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0016U	<0.0028U	<0.0047U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	<0.005U	<0.0021U	<0.0021U	<0.0031U	<0.002U	<0.0026U	<0.0033U	<0.0023U	<0.0048U	<0.0027U	<0.0021U	<0.0053U	<0.0021U	<0.0021U	<0.0036U	<0.0059U	<0.0038U	<0.0019U	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-0.17-2	7/23/2018	0.17-2	<0.00045U	<0.00051U	<0.00029U	<0.0022U	<0.00046U	<0.00044U	<0.00062U	<0.00035U	<0.00087U	<0.00045U	<0.0006U	<0.00045U	<0.00073U	<0.00041U	<0.0004U	<0.0014U	<0.00041U	<0.001U	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	<0.0041U	<0.0017U	<0.0017U	<0.0025U	0.002J	<0.0021U	<0.0027U	<0.0019U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	<0.0041U	<0.0017U	<0.0017U	0.0025J	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.003U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	<0.0041U	<0.0017U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.0015U	<0.002U	<0.0026U	<0.0018U	<0.0037U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	<0.0042U	<0.0017U	<0.0018U	0.0037J	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	<0.0039U	<0.0016U	<0.0016U	<0.0024U	0.01	<0.002U	<0.0026U	<0.0018U	<0.0038U	<0.0021U	<0.0016U	<0.0041U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	<0.0043U	<0.0018U	<0.0018U	<0.0026U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0045U	<0.0018U	<0.0018U	<0.0031U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	B23439	5/9/2000	1-4	-	<0.0065U	-	0.0065J	<0.0065U	0.0088	<0.0065U	-	<0.0065U	-	-	<0.43U	<0.43U	<0.0065U	-	-	-	-	-	-	-	-
SSHS-B23	B23440	5/9/2000	4-8	-	<0.006U	-	0.0014J	<0.006U	0.036	<0.006U	-	<0.006U	-	-	<0.4U	<0.4U	<0.006U	-	-	-	-	-	-	-	-
SSHS-B23	B23441	5/9/2000	8-12	-	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	-	<0.41U	<0.41U	<0.0063U	-	-	-	-	-	-	-	-
SSHS-B24	B23401T2	7/11/2000	2-2.5	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B24	B23401T2-1	7/27/2000	2-2.5	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.38U	<0.38U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B24	B23438	5/9/2000	1-4	-	<0.0058U	-	0.0026J	<0.0058U	0.075	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B25	B23436	5/9/2000	1-4	-	<0.0054U	-	<0.0054U	<0.0054U	0.0042J	<0.0054U	-	<0.0054U	-	-	<0.35U	<0.35U	<0.0054U	-	-	-	-	-	-	-	-
SSHS-B25	B23437	5/9/2000	8-12	-	<0.0024U	-	<0.0024U	<0.006U	0.017	<0.0024U	-	<0.006U	-	-	<0.39U	<0.39U	<0.006U	-	-	-	-	-	-	-	-
SSHS-B26	B23426	5/8/2000	4-6	-	<0.0052U	-	<0.0052U	0.014	0.0015J	<0.0052U	-	<0.0052U	-	-	<0.34U	<0.34U	<0.0052U	-	-	-	-	-	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	<0.004U	<0.0016U	<0.0017U	<0.004U	<0.0016U	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0016U	<0.0028U	<0.0047U,F1,*	<0.003U,F2	<0.0015U,F2,F1	-	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	<0.0047U	<0.0019U	<0.002U	<0.0047U	<0.0018U	<0.0025U,*	<0.0031U	<0.0021U,*	<0.0045U	<0.0044U,*	<0.0046U,*	<0.0025U,*	<0.002U,*	<0.0019U,*	<0.0034U,*	<0.0055U,*	<0.0036U	<0.0018U	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	<0.0033U	<0.0013U	<0.0013U	<0.0032U	<0.0013U	<0.0017U	<0.0021U	<0.0015U	<0.0031U,*	<0.003U	<0.0031U	<0.0017U	<0.0013U	<0.0013U	<0.0023U	<0.0038U,*	<0.0025U	<0.0012U	-	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	<0.0034U	<0.0014U	<0.0014U	<0.0034U	<0.0013U	<0.0018U	<0.0023U	<0.0015U	<0.0033U	<0.0032U	<0.0033U	<0.0018U	<0.0014U	<0.0014U	<0.0024U	<0.004U	<0.0026U	<0.0013U,*	-	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0044U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U,*	<0.0041U	<0.0043U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0052U,*	<0.0034U	<0.0017U	-	-	-	-
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.00071U	<0.00059U	<0.00057U	<0.00056U	<0.00055U	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00064U	<0.00072U	<0.00062U	<0.00056U	<0.00077U	-	-	-	-
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.00071U	<0.00059U	<0.00057U	<0.00056U	<0.00055U	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00064U	<0.00072U	<0.00062U	<0.00056U	<0.00077U	-	-	-	-
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.00072U	<0.0006U	<0.00057U	<0.00057U	<0.00056U	<0.00058U	<0.00051U	<0.00051U	<0.0004U	<0.00072U	<0.00075U	<0.00068U	<0.00056U	<0.00064U	<0.00073U	<0.00063U	<0.00056U	<0.00078U	-	-	-	-
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.00072U	<0.00059U	<0.00057U	<0.00057U	<0.00056U	<0.00057U	<0.0005U	<0.0005U	<0.0004U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00064U	<0.00073U	<0.00062U	<0.00056U	<0.00078U	-	-	-	-
SSHS-B27	B23427	5/8/2000	2-3	-	0.02	-	<0.0053U	<0.02U	<0.023U	<0.0053U	-	<0.0053U	-	-	<35U	<35U	<0.0053U	-	-	-	-	-	-	-	-
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.0036U	<0.0015U	<0.0015U	0.0047 - 0.0053B	<0.0014U	<0.0019U	<0.0024U	<0.0016U	<0.0034U,*	<0.0033U	<0.0035U	<0.0019U	<0.0015U	<0.0015U	<0.0026U	<0.0042U,*	<0.0027U	<0.0014U	-	-	-	-
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0044U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0041U	<0.0043U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0052U,*	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0038U	<0.004U	<0.0022U	<0.0017U	<0.0017U	<0.0029U	<0.0049U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.0041U	<0.0017U,F1,F2	<0.0017U	0.0047J	<0.0016U,F2	<0.0021U,F2	<0.0027U	<0.0018U	<0.0039U	<0.0037U	<0.0039U	<0.0021U,F2	<0.0017U,F2	<0.0017U,F2	<0.0029U	<0.0048U	<0.0031U	<0.0015U,*,F1	-	-	-	-
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.007U	<0.0029U	<0.0029U	<0.007U	<0.0027U	<0.0036U	<0.0046U	<0.0031U	<0.0066U	<0.0064U,*	<0.0067U,*	<0.0036U	<0.0029U	<0.0029U	<0.0049U	<0.0081U	<0.0053U	<0.0026U	-	-	-	-
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0038U,*	<0.004U,*	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.0041U	<0.0017U	<0.0017U	0.0055B	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U,*	<0.0038U	<0.004U	<0.0021U	<0.0017U	<0.0017U	<0.0029U	<0.0048U,*	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.0046U	<0.0019U	<0.0019U	<0.0046U	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0044U	<0.0043U	<0.0045U	<0.0024U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0018U	-	-	-	-
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<0.0039U	<0.0016U	<0.0016U	0.0042J	<0.0015U	<0.002U	<0.0026U	<0.0018U	<0.0037U	<0.0036U	<0.0038U	<0.002U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U,*	-	-	-	-
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.0044U	<0.0018U	<0.0018U	0.0066	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.004U	<0.0042U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U,*	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides															
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	<0.0022 - 0.0024J	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	<0.0029U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	<0.003U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	<0.00056U	-	-	-	-	<0.00049U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	<0.00069U	-	-	-	-	<0.0006U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	<0.003U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-0.17-2	7/23/2018	0.17-2	<0.00064U	-	-	-	-	<0.00057U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	B23439	5/9/2000	1-4	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043N*	<0.0043U
SSHS-B23	B23440	5/9/2000	4-8	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.004U	<0.002U	<0.002U	<0.004U	<0.004U
SSHS-B23	B23441	5/9/2000	8-12	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U
SSHS-B24	B23401T2	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
SSHS-B24	B23401T2-1	7/27/2000	2-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B24	B23438	5/9/2000	1-4	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B25	B23436	5/9/2000	1-4	-	-	-	-	-	-	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	-	-	-	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U
SSHS-B25	B23437	5/9/2000	8-12	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-B26	B23426	5/8/2000	4-6	-	-	-	-	-	-	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	-	-	-	<0.0018U	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0034U	<0.0034U
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	<0.0028U,*	-	-	-	-	<0.0016U,*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	<0.002U	-	-	-	-	<0.0011U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	<0.0021U	-	-	-	-	<0.0012U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.00057U	-	-	-	-	<0.00059U	-	<0.00029U	<0.00031U	<0.00034U	<0.0005U	-	<0.00038U	<0.023U	-	<0.00029U	<0.002U	0.012	<0.00032U	<0.0012J	<0.00034U	<0.002U
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.00057U	-	-	-	-	<0.00059U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00035U	<0.00034U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.00058U	-	-	-	-	<0.0006U	-	<0.00028U	<0.0003U	<0.026U	<0.0019U	-	<0.0044U	<0.17U	-	<0.00028U	<0.0019U	0.14	<0.0073U	0.013	<0.0058U	<0.031U
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.00057U	-	-	-	-	<0.0006U	-	<0.00026U	<0.00029U	<0.00031U	<0.00045U	-	<0.00035U	<0.0018U	-	<0.00027U	<0.00023U	<0.0031U	<0.0016J	<0.00068J	<0.00031U	<0.0018U
SSHS-B27	B23427	5/8/2000	2-3	-	-	-	-	-	-	-	<0.018U	<0.018U	<0.018U	<0.018U	-	-	-	-	<0.018U	<0.018U	<0.035U	<0.018U	<0.018U	<0.035U	<0.035U
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.0022U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.0025U,F2	-	-	-	-	<0.0014U,F2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.0042U	-	-	-	-	<0.0024U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents											
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	8.701	<0.0033U	<0.0048U	<0.0021U	0.018J	<0.0035U	<0.0014U	<0.0042U	<0.2U	<0.16U	<0.042U	<3.4U	<0.8U	<0.75U
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	-	-	-	-	-	-	-	-	7.064	<0.0028U	<0.004U	<0.0018U	<0.003 - 0.0068J	<0.0029U	<0.0012U	<0.0035U	<0.39U	<0.32U	<0.035U	<6.8U	<1.6U	<1.5U
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	-	-	-	-	-	-	-	-	26.33	<0.0035U	<0.0051U	<0.0023U	0.03	<0.0037U	<0.0015U	<0.0045U	<0.1U	<0.086U	<0.045U	<1.8U	<0.42U	<0.39U
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	-	-	-	-	-	-	-	-	27.11	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.4U	<0.33U	<0.042U	<6.8U	<1.6U	<1.5U
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	-	-	-	-	-	-	-	-	0.7557	<0.0034U	<0.0049U	<0.0022U	0.0081J	<0.0035U	<0.0014U	<0.0043U	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.075U
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.4962	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0032U	<0.0013U	<0.0039U	<0.038U	<0.031U	<0.034U	<0.66U	<0.15U	<0.14U
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	-	-	<0.041U	-	-	-
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	43.25	<0.0036U	<0.0053U	<0.0023U	<0.004U	<0.0038U	<0.0015U	<0.0046U	0.17J	<0.11U	<0.046U	<2.3U	<0.54U	<0.5U
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	-	-	-	-	-	-	-	-	2.29	<0.0033U	<0.0047U	<0.0021U	0.0067J	<0.0034U	<0.0014U	<0.0042U	<0.02U	<0.016U	<0.018U	<0.35U	<0.081U	<0.075U
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.057	<0.0033U	<0.0013U	<0.004U	-	-	<0.04U	-	-	-
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	3.521	-	-	-	-	-	-	-	<0.019U	<0.016U	<0.017U	<0.33U	<0.078U	<0.073U
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	-	-	-	-	-	-	-	-	3.189	<0.0038U	<0.0055U	<0.0024U	0.017J	<0.0039U	<0.0016U	<0.0048U	<0.02U	<0.017U	<0.018U	<0.35U,F1	<0.082U	<0.076U,F2
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.002U	0.026	<0.0033U	<0.0013U	<0.004U	-	-	<0.04U	-	-	-
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	-	-	-	-	-	-	-	-	8.255	<0.0035U	<0.005U	<0.0022U	<0.0038U	<0.0036U	<0.0015U	<0.0044U	<0.02U	<0.016U	<0.018U	<0.34U	<0.081U	<0.075U
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.0021U	0.0051J	<0.0033U	<0.0014U	<0.0041U	-	-	<0.04U	-	-	-
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	-	-	-	-	-	-	-	-	2.913	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	<0.02U	<0.017U	<0.018U	<0.35U	<0.082U	<0.076U
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.014J	<0.0033U	<0.0013U	<0.004U	-	-	<0.04U	-	-	-
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	0.0057J	<0.00072U	<0.00091U	0.043	0.0026J	<0.00052U	<0.00038U	-	-	<0.018U	-	-	-
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	-	-	-	-	-	-	-	-	3.16	0.0068J	<0.00089U	<0.0011U	0.098	0.0029J	0.0022J	<0.00047U	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.075U
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0044U	<0.0019U	0.0099J	<0.0031U	<0.0013U	<0.0038U	-	-	<0.038U	-	-	-
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	0.2762	<0.0031U	<0.0044U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.019U	<0.015U	<0.017U	<0.32U	<0.076U	<0.071U
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	-	-	-	-	-	-	-	-	4.844	<0.0038U	<0.0055U	<0.0024U	0.012J	<0.0039U	<0.0016U	<0.0048U	<0.5U	<0.41U	<0.048U	<8.6U	<2U	<1.9U
SSHS-B2238	SSHS-B2238-SUB-0.17-2	7/23/2018	0.17-2	-	-	-	-	-	-	-	-	0.07912	<0.00077U	<0.00083U	<0.0011U	<0.011U	0.0013J	0.0044J	<0.00044U	<0.019U	<0.015U	<0.016U	<0.32U	<0.075U	<0.07U
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.015J	<0.0032U	<0.0013U	<0.004U	-	-	<0.039U	-	-	-
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.013J	<0.0032U	0.0017J	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0044U	<0.002U	0.082	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0047U	<0.0021U	0.011J	<0.0034U	<0.0014U	<0.0041U	-	-	<0.041U	-	-	-
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0031U	<0.0045U	<0.002U	0.036	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	-	-
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	0.07	<0.0031U	<0.0012U	<0.0038U	-	-	<0.037U	-	-	-
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0046U	<0.002U	0.09	<0.0033U	<0.0013U	<0.0041U	-	-	<0.04U	-	-	-
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	-	-	-	-	-	-	-	-	0.08024	<0.0033U	<0.0048U	<0.0021U	0.014J	<0.0035U	<0.0014U	<0.0042U	<0.019U	<0.016U	<0.017U	<0.33U,F1	<0.078U	<0.072U
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	<0.003U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0012U	<0.0038U	-	-	<0.037U	-	-	-
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	-	-	-	-	-	-	-	-	18.92	-	-	-	-	-	-	-	<0.076U	<0.063U	<0.067U	<1.3U	<0.31U	<0.29U
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	-	-	-	-	-	-	-	-	1.296	<0.0033U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	<0.039U	<0.032U	<0.035U	<0.68U	<0.16U	<0.15U
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	-	-	-	-	-	-	-	-	408.3	-	-	-	-	-	-	-	<1.9U	<1.6U	<1.7U	<33U	<7.9U	<7.3U
SSHS-B23	B23439	5/9/2000	1-4	<0.0022U	-	-	-	<0.0022U	-	-	-	0.045	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-B23	B23440	5/9/2000	4-8	<0.002U	-	-	-	<0.002U	-	-	-	2.268	0.0098J	-	-	0.075	-	-	-	-	-	-	-	-	-
SSHS-B23	B23441	5/9/2000	8-12	<0.0021U	-	-	-	<0.0021U	-	-	-	<0	0.0061J	-	-	<0.03U	-	-	-	-	-	-	-	-	-
SSHS-B24	B23401T2	7/11/2000	2-2.5	<0.0019U	-	-	-	<0.0019U	-	-	-	0.662	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B24	B23401T2-1	7/27/2000	2-2.5	-	-	-	-	-	-	-	-	0.397	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B24	B23438	5/9/2000	1-4	<0.002U	-	-	-	<0.002U	-	-	-	0.181	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B25	B23436	5/9/2000	1-4	<0.0018U	-	-	-	<0.0018U	-	-	-	<0	<0.011U	-	-	<0.021U	-	-	-	-	-	-	-	-	-
SSHS-B25	B23437	5/9/2000	8-12	<0.002U	-	-	-	<0.002U	-	-	-	<0	<0.012U	-	-	0.0064J	-	-	-	-	-	-	-	-	-
SSHS-B26	B23426	5/8/2000	4-6	<0.0018U	-	-	-	<0.0018U	-	-	-	<0	<0.01U	-	-	<0.021U	-	-	-	-	-	-	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	-	-	-	-	-	-	-	-	-	<0.003U,F1,*	<0.0044U,F1,*	<0.0019U	<0.0033U,F1,*	<0.0031U	<0.0013U,F1	<0.0038U	-	-	<0.038U,F1	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	-	-	-	-	-	-	-	-	1.377	-	-	-	-	-	-	-	<0.016U	<0.016U	<0.12U	<0.16U	<0.027U	<0.021U
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	<0.0036U,*	<0.0052U,*	<0.0023U,*	<0.0039U,*	<0.0037U	<0.0015U	<0.0045U	-	-	<0.045U	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	-	-	-	-	-	-	-	-	0.552	-	-	-	-	-	-	-	<0.016U	<0.016U	<0.12U	<0.16U	<0.027U	<0.021U
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	-	-	-	-	-	-	-	-	0.7485	<0.0024U	<0.0035U	<0.0016U	0.011J,B	<0.0025U	<0.001U	<0.0031U	<0.015U	<0.016U	<0.031U	<0.15U	<0.026U	<0.02U
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	<0.0026U	<0.0037U	<0.0017U	0.031B	<0.0027U	<0.0011U	<0.0033U	-	-	<0.033U	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	-	-	-	-	-	-	-	-	<0.249	-	-	-	-	-	-	-	<0.015U	<0.016U	<0.11U	<0.15U	<0.026U	<0.02U
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	-	-	-	-	-	-	-	-	3.932	<0.0033U	<0.0048U	<0.0021U	0.017J,B	<0.0035U	<0.0014U	<0.0042U	<0.051U	<0.052U	<0.042U	<0.5U	<0.086U	<0.066U
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.0066U	<0.002U	<0.002U	<0.00034U	<0.00043U	<0.0099U	<0.002U	<0.013U	<0	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.057U
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00036U	<0.012U	<0	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.08U	<0.0064U	<0.021U	<0.0019U	<0.0077U	<0.13U	<0.0045U	<0.012U	2.236	<0.00075U	<0.00059U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.0018U	<0.0018U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.0018U	<0.012U	<0	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B27	B23427	5/8/2000	2-3	<0.018U	-	-	-	<0.018U	-	-	-	<0	<0.011U	-	-	<0.021U	-	-	-	-	-	-	-	-	-
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	-	-	-	-	-	-	-	-	0.7035	<0.0027U	<0.0039U	<0.0017U	0.013 - 0.02J,B	<0.0028U	<0.0011U	<0.0035U	<0.017U	<0.017U	<0.034U	<0.17U	<0.029U	<0.022U
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	-	-	-	-	-	-	-	-	11.82	<0.0033U,*	<0.0048U,*	<0.0021U	<0.0036U,*	<0.0035U	<0.0014U	<0.0042U	0.055J	<0.017U	<0.042U	<0.16U	<0.028U	<0.021U
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	-	-	-	-	-	-	-	-	10.21	<0.0031U	<0.0045U	<0.002U	<0.0034 - 0.022J,*	<0.0033U	<0.0013U	<0.004U	0.051J	<0.017U	<0.039U	<0.16U	<0.028U	<0.021U
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	-	-	-	-	-	-	-	-	3.234	<0.0031U,F1,F2	<0.0044U,F1,F2	<0.002U,F1,F2	0.017J,F1,B,F2	<0.0032U,F2	<0.0013U,F2	<0.0039U	<0.016U	<0.017U	<0.039U	<0.16U	<0.027U	<0.021U
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	-	-	-	-	-	-	-	-	0.8735	<0.0052U	<0.0076U	<0.0034U	<0.0057U	<0.0055U	<0.0022U	<0.0067U	<0.017U	<0.018U	<0.066U	<0.17U	<0.029U	<0.023U
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	-	-	-	-	-	-	-	-	11.73	<0.0031U	<0.0045U	<0.002U	0.0067J,B	<0.0033U	<0.0013U	<0.004U	0.042J	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	-	-	-	-	-	-	-	-	2.311	<0.0031U	<0.0045U	<0.002U	0.018J,B	<0.0032U	<0.0013U	<0.0039U	0.033J	<0.017U	<0.039U	<0.16U	<0.028U	<0.021U
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	-	-	-	-	-	-	-	-	5.626	<0.0035U	<0.0051U	<0.0022U	<0.0038U	<0.0036U	<0.0015U	<0.0044U	0.024J	<0.018U	<0.044U	<0.17U	<0.029U	<0.022U
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	-	-	-	-	-	-	-	-	0.2395	<0.003U	<0.0043U	<0.0019U	0.015J,B	<0.0031U	<0.0012U	<0.0038U	<0.017U	<0.017U	<0.037U	<0.17U	<0.029U	<0.022U
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	-	-	-	-	-	-	-	-	1.737	<0.0033U	<0.0047U	<0.0021U	0.017J,B	<0.0034U	<0.0014U	<0.0042U	<0.017U	<0.018U	<0.041U	<0.17U	<0.029U	<0.023U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	<0.51U	<0.47U	<1.7U	<0.72U	<0.65U	<0.16U	<0.12U	0.43	<0.36U	<0.47U	<0.15U	<0.34U	<0.5U	<0.57U	<0.93U	<0.16U	<0.52U	<0.35U	<0.16U	-	<0.7U	<1.1U
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	<1U	<0.93U	<3.3U	<1.4U	<1.3U	<0.32U	<0.23U	0.62	<0.72U	<0.93U	<0.3U	0.78J	<1U	<1.1U	<1.9U	<0.32U	<1U	<0.7U	<0.32U	-	<1.4U	<2.2U
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	<0.27U	<0.25U	<0.87U	<0.38U	<0.34U	<0.086U	<0.061U	0.35	<0.19U	<0.25U	<0.08U	0.21J	<0.26U	<0.3U	<0.49U	<0.086U	<0.28U	<0.18U	<0.086U	-	<0.37U	<0.58U
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	<1U	<0.93U	<3.3U	<1.4U	<1.3U	<0.33U	<0.23U	0.38	<0.72U	<0.93U	<0.3U	<0.67U	<1U	<1.1U	<1.9U	<0.33U	<1U	<0.7U	<0.33U	-	<1.4U	<2.2U
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	<0.051U	<0.047U	<0.17U	<0.072U	<0.065U	<0.016U	<0.012U	0.027	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.093U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	<0.098U	<0.089U	<0.32U	<0.14U	<0.13U	<0.031U	<0.022U	0.014J	<0.069U	<0.089U	<0.029U	<0.065U	<0.096U	<0.11U	<0.18U	<0.031U	<0.1U	<0.067U	<0.031U	-	<0.13U	<0.21U
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	<0.35U	<0.31U	<1.1U	<0.49U	<0.44U	<0.11U	<0.079U	0.79	<0.24U	<0.31U	<0.1U	<0.23U	<0.34U	<0.39U	<0.63U	<0.11U	<0.35U	<0.24U	<0.11U	-	<0.47U	<0.74U
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.052U	<0.047U	<0.17U	<0.073U	<0.066U	<0.016U	<0.012U	0.039	<0.037U	<0.047U	<0.015U	<0.034U	<0.051U	<0.058U	<0.094U	<0.016U	<0.053U	<0.035U	<0.016U	-	<0.071U	<0.11U
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	<0.05U	<0.045U	<0.16U	<0.07U	<0.064U	<0.016U	<0.011U	0.0065J	<0.035U	<0.045U	<0.015U	<0.033U	<0.049U	<0.056U	<0.091U	<0.016U	<0.051U	<0.034U	<0.016U	-	<0.068U	<0.11U
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	<0.052U	<0.047U	<0.17U	<0.074U	<0.066U	<0.017U	<0.012U	0.048	<0.037U	<0.047U	<0.015U	<0.034U	<0.051U	<0.058U	<0.095U	<0.017U	<0.053U	<0.036U	<0.017U	-	<0.071U	<0.11U
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	<0.052U	<0.047U	<0.17U	<0.073U	<0.066U	<0.016U	<0.012U	0.11	<0.036U	<0.047U	<0.015U	<0.034U	<0.051U	<0.058U	<0.094U	<0.016U	<0.053U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	<0.053U	<0.048U	<0.17U	<0.074U	<0.067U	<0.017U	<0.012U	0.12	<0.037U	<0.048U	<0.016U	<0.035U	<0.051U	<0.058U	<0.096U	<0.017U	<0.054U	<0.036U	<0.017U	-	<0.072U	<0.11U
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	<0.051U	<0.047U	<0.17U	<0.072U	<0.065U	<0.016U	<0.012U	0.056	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.093U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	<0.049U	<0.044U	<0.16U	<0.068U	<0.062U	<0.015U	<0.011U	0.014	<0.034U	<0.044U	<0.014U	<0.032U	<0.047U	<0.054U	<0.088U	<0.015U	<0.05U	<0.033U	<0.015U	-	<0.066U	<0.1U
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	<1.3U	<1.2U	<4.2U	<1.8U	<1.6U	<0.41U	<0.29U	0.32	<0.91U	<1.2U	<0.38U	<0.85U	<1.3U	<1.4U	<2.3U	<0.41U	<1.3U	<0.88U	<0.41U	-	<1.8U	<2.7U
SSHS-B2238	SSHS-B2238-SUB-0.17-2	7/23/2018	0.17-2	<0.048U	<0.044U	<0.16U	<0.068U	<0.061U	<0.015U	<0.011U	<0.00055U	<0.034U	<0.044U	<0.014U	<0.032U	<0.047U	<0.054U	<0.087U	<0.015U	<0.049U	<0.033U	<0.015U	-	<0.066U	<0.1U
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	<0.05U	<0.045U	<0.16U,F2	<0.07U	<0.063U	<0.016U	<0.011U	<0.00057U	<0.035U	<0.045U	<0.015U	<0.033U	<0.049U	<0.055U	<0.091U	<0.016U	<0.051U	<0.034U	<0.016U	-	<0.068U	<0.11U
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	<0.2U	<0.18U	<0.64U	<0.28U	<0.25U	<0.063U	<0.045U	0.15	<0.14U	<0.18U	<0.058U	<0.13U	<0.19U	<0.22U	<0.36U	<0.063U	<0.2U	<0.13U	<0.063U	-	<0.27U	<0.42U
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	<0.1U	<0.093U	<0.33U	<0.14U	<0.13U	<0.032U	<0.023U	0.051	<0.072U	<0.093U	<0.03U	<0.067U	<0.1U	<0.11U	<0.19U	<0.032U	<0.1U	<0.07U	<0.032U	-	<0.14U	<0.22U
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	<5U	<4.6U	<16U	<7.1U	<6.4U	<1.6U	<1.1U	3	<3.5U	<4.6U	<1.5U	<3.3U	<4.9U	<5.6U	<9.1U	<1.6U	<5.1U	<3.4U	<1.6U	-	<6.8U	<11U
SSHS-B23	B23439	5/9/2000	1-4	-	-	-	-	-	-	-	-	<0.43U	-	-	-	-	-	-	-	-	-	-	<0.43U	-	-
SSHS-B23	B23440	5/9/2000	4-8	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-B23	B23441	5/9/2000	8-12	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-B24	B23401T2	7/11/2000	2-2.5	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B24	B23401T2-1	7/27/2000	2-2.5	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B24	B23438	5/9/2000	1-4	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B25	B23436	5/9/2000	1-4	-	-	-	-	-	-	-	-	<0.35U	-	-	-	-	-	-	-	-	-	-	<0.35U	-	-
SSHS-B25	B23437	5/9/2000	8-12	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-B26	B23426	5/8/2000	4-6	-	-	-	-	-	-	-	-	<0.34U	-	-	-	-	-	-	-	-	-	-	<0.34U	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	<0.029U	<0.023U	<1U	<0.019U	<0.023U	<0.017U	<0.017U	0.072J	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.096U	<0.65U	<0.026U	<0.018U	<0.013U	<0.023U	<0.11U	<0.018U	<0.26U
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	<0.029U	<0.024U	<1U	<0.019U	<0.023U	<0.017U	<0.018U	<0.018U	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.096U	<0.65U	<0.026U	<0.018U	<0.013U	<0.023U	<0.11U	<0.018U	<0.27U
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	<0.028U	<0.022U	<0.97U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.16U	<0.058U	-	<0.34U	<0.092U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.25U
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	<0.028U	<0.022U	<0.97U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.16U	<0.058U	-	<0.34U	<0.092U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.25U
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.093U	<0.075U	<3.2U	<0.06U	<0.074U	<0.055U	<0.056U	0.1J	<0.35U	<0.55U	<0.19U	-	<1.1U	<0.31U	<2.1U	<0.084U	<0.057U	<0.04U	<0.073U	<0.35U	<0.059U	<0.85U
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.0077U	<0.06U	<0.46U	<0.031U	<0.04U	<0.008U	<0.031U	<0.0069U	<0.027U	<0.17U	<0.042U	-	<0.041U	<0.16U	<0.15U	<0.033U	<0.035U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.0073U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	0.081	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B27	B23427	5/8/2000	2-3	-	-	-	-	-	-	-	-	<35U	-	-	-	-	-	-	-	-	-	-	<35U	-	-
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.031U	<0.025U	<1.1U	<0.02U	<0.025U	<0.018U	<0.019U	0.034J	<0.11U	<0.18U	<0.064U	-	<0.37U	<0.1U	<0.69U	<0.028U	<0.019U	<0.013U	<0.024U	<0.12U	<0.019U	<0.28U
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	0.2	<0.11U	<0.18U	<0.062U	-	<0.36U	<0.099U	<0.67U	<0.027U	<0.018U	<0.013U	<0.024U	<0.11U	<0.019U	<0.27U
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	0.2	<0.11U	<0.18U	<0.061U	-	<0.36U	<0.098U	<0.67U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.029U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	0.042J	<0.11U	<0.17U	<0.061U	-	<0.36U,F1,F2	<0.097U	<0.66U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.032U	<0.025U	<1.1U	<0.02U	<0.025U	<0.019U	<0.019U	<0.02U	<0.12U	<0.19U	<0.065U	-	<0.38U	<0.1U	<0.71U	<0.029U	<0.019U	<0.014U	<0.025U	<0.12U	<0.02U	<0.29U
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	<0.028U	<0.023U	<0.99U	<0.018U	<0.023U	<0.017U	<0.017U	0.15	<0.11U	<0.17U	<0.059U	-	<0.34U	<0.094U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	0.1	<0.11U	<0.18U	<0.062U	-	<0.36U	<0.099U	<0.67U	<0.027U	<0.018U	<0.013U	<0.024U	<0.11U	<0.019U	<0.27U
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.031U	<0.025U	<1.1U	<0.02U	<0.025U	<0.019U	<0.019U	0.072J	<0.12U	<0.19U	<0.065U	-	<0.38U	<0.1U	<0.7U	<0.028U	<0.019U	<0.014U	<0.025U	<0.12U	<0.02U	<0.29U
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<0.031U	<0.025U	<1.1U	<0.02U	<0.025U	<0.019U	<0.019U	<0.019U	<0.12U	<0.18U	<0.064U	-	<0.38U	<0.1U	<0.7U	<0.028U	<0.019U	<0.013U	<0.024U	<0.12U	<0.02U	<0.28U
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.032U	<0.026U	<1.1U	<0.021U	<0.025U	<0.019U	<0.019U	0.031J	<0.12U	<0.19U	<0.066U	-	<0.38U	<0.1U	<0.71U	<0.029U	<0.019U	<0.014U	<0.025U	<0.12U	<0.02U	<0.29U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	0.22	0.071J	<0.13U	0.31	<0.42U	0.53	<0.27U	0.44	0.6	0.33	0.17	-	<0.14U	<0.14U	<0.12U	<0.59U	<0.26U	<0.87U	<0.22U	0.78	0.12	<0.15U
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	<0.018U	<0.0081U	<0.26U	0.28	<0.84U	0.46	<0.53U	0.12J	0.21	<0.0081U	<0.016U	-	<0.28U	<0.28U	<0.23U	<1.2U	<0.51U	<1.7U	<0.44U	0.72	<0.015U	<0.3U
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	0.09	0.22	<0.068U	0.46	<0.22U	2.4	<0.14U	3	3.2	2	1.4	-	<0.074U	<0.074U	<0.061U	<0.31U	<0.14U	<0.46U	<0.12U	2.3	0.39	0.16J
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	<0.018U	0.55	<0.26U	1.2	<0.84U	2	<0.54U	2.1	2.5	0.91	0.91	-	<0.28U	<0.28U	<0.23U	<1.2U	<0.51U	<1.7U	0.45J	2.1	<0.015U	<0.3U
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	<0.00089U	0.013	<0.013U	0.015	<0.042U	0.058	<0.027U	0.061	0.091	0.055	0.031	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.026U	<0.087U	<0.022U	0.074	<0.00077U	<0.015U
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	<0.0017U	<0.00078U	<0.025U	0.0075J	<0.081U	0.038	<0.051U	0.038	0.059	0.035	0.021	-	<0.027U	<0.027U	<0.022U	<0.11U	<0.049U	<0.17U	<0.042U	0.047	<0.0015U	<0.029U
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	1.4	0.061	<0.086U	2.3	<0.28U	2.9	<0.18U	2.6	3.7	0.77	1.2	-	<0.094U	<0.094U	<0.079U	0.79	<0.17U	<0.59U	1.2	2.6	<0.0052U	1
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.0009U	0.074	<0.013U	0.046	<0.042U	0.18	<0.027U	0.2	0.26	0.16	0.1	-	<0.014U	<0.014U	<0.012U	<0.06U	<0.026U	<0.088U	<0.022U	0.21	0.036	0.021J
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	0.018	0.036	<0.013U	0.11	<0.041U	0.36	<0.026U	0.26	0.33	0.13	0.15	-	<0.014U	<0.014U	<0.011U	0.059J	<0.025U	<0.085U	<0.022U	0.31	0.039	<0.015U
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	0.012	0.11	<0.013U	0.049	<0.043U	0.27	<0.027U	0.29	0.41	0.23	0.15	-	<0.014U	<0.014U	<0.012U	<0.06U	<0.026U	<0.089U	<0.023U	0.34	0.055	0.021J
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	0.058	0.22	<0.013U	0.21	<0.042U	0.73	<0.027U	0.75	1.2	0.32	0.52	-	<0.014U	<0.014U	<0.012U	<0.06U	<0.026U	<0.088U	0.07	0.76	0.11	0.052J
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	0.0083	0.12	<0.013U	0.045	<0.043U	0.24	<0.027U	0.23	0.47	0.13	0.18	-	<0.014U	<0.014U	<0.012U	0.088	<0.026U	<0.09U	<0.023U	0.31	<0.00079U	0.032J
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	<0.00089U	0.081	<0.013U	0.046	<0.042U	0.26	<0.027U	0.24	0.33	0.17	0.09	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.026U	<0.087U	<0.022U	0.31	0.044	<0.015U
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	<0.00084U	0.0048J	<0.012U	0.0057J	<0.04U	0.021	<0.025U	0.021	0.039	0.019	0.016	-	<0.013U	<0.013U	<0.011U	<0.056U	<0.024U	<0.083U	<0.021U	0.033	<0.00073U	<0.014U
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	<0.022U	<0.01U	<0.32U	<0.023U	<1.1U	0.57	<0.67U	<0.019U	0.31	<0.01U	<0.02U	-	<0.35U	<0.35U	<0.29U	<1.5U	<0.64U	<2.2U	<0.56U	1.4	<0.019U	<0.38U
SSHS-B2238	SSHS-B2238-SUB-0.17-2	7/23/2018	0.17-2	<0.00083U	<0.00038U	<0.012U	<0.00085U	<0.039U	0.0064J	<0.025U	0.0076	0.011	0.0062J	0.004J	-	<0.013U	<0.013U	<0.011U	<0.056U	<0.024U	<0.082U	<0.021U	0.0088	<0.00072U	<0.014U
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	<0.00086U	<0.0004U	<0.012U	<0.00088U	<0.041U	0.0081	0.029J	<0.00072U	0.015	0.016	<0.00077U	-	<0.014U	<0.014U	<0.011U	<0.058U	<0.025U	<0.085U	<0.022U	0.013	<0.00075U	<0.015U
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	0.31	0.04	<0.049U	0.86	<0.16U	1.7	<0.1U	1.2	1.5	0.57	0.57	-	<0.054U	<0.054U	<0.045U	<0.23U	<0.099U	<0.34U	0.3	1.6	0.2	0.23
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	<0.0018U	0.026	<0.026U	0.033	<0.084U	0.088	<0.053U	0.12	0.17	<0.00081U	0.094	-	<0.028U	<0.028U	<0.023U	0.13J	<0.051U	<0.17U	<0.044U	0.13	<0.0015U	<0.03U
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	5.2	4.2	<1.3U	22	<4.1U	29	<2.6U	13	35	5.1	16	-	<1.4U	<1.4U	<1.1U	<5.8U	<2.5U	<8.5U	7.3	28	<0.075U	8.3
SSHS-B23	B23439	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	<0.43U
SSHS-B23	B23440	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	0.062J
SSHS-B23	B23441	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	<0.41U
SSHS-B24	B23401T2	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	<0.37U
SSHS-B24	B23401T2-1	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	<0.38U
SSHS-B24	B23438	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	<0.38U
SSHS-B25	B23436	5/9/2000	1-4	<0.35U	<0.35U	-	<0.35U	-	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	-	-	-	-	-	-	-	-	<0.35U	<0.35U	<0.35U
SSHS-B25	B23437	5/9/2000	8-12	<0.39U	<0.39U	-	<0.39U	-	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U	-	-	-	-	-	-	-	-	<0.39U	<0.39U	<0.39U
SSHS-B26	B23426	5/8/2000	4-6	<0.34U	<0.34U	-	<0.34U	-	<0.34U	-	<0.34U	<0.34U	<0.34U	<0.34U	-	-	-	-	-	-	-	-	<0.34U	<0.34U	<0.34U
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	<0.022U	0.051J	<0.02U	0.051J	<0.16U	0.11	<0.047U,F1,*	0.1	0.14	0.1	0.057J	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.24U	<0.018U	0.12	0.033J	0.019J
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	<0.022U	0.021J	<0.021U	<0.02U	<0.17U	0.069J	<0.047U,*	0.031J	0.053J	0.034J	<0.023U	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.25U	<0.018U	0.11	<0.017U	<0.017U
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	0.041J	<0.016U	<0.02U	<0.019U	<0.16U	0.13	<0.045U,*	0.017J	0.02J	<0.016U	<0.022U	-	<0.017U	<0.013U	<0.027U	<0.38U	<0.25U	<0.24U	<0.017U	0.21	<0.016U	<0.016U
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	<0.014U	<0.045U,*	<0.016U	<0.018U	<0.016U	<0.022U	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	<0.014U	<0.016U	<0.016U
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.069U	0.14J	<0.065U	0.11J	<0.53U	0.3	<0.15U,*	0.29	0.39	0.38	0.15J	-	<0.057U	<0.044U	<0.089U	<1.3U	<0.83U	<0.78U	0.056J	0.29	0.078J	<0.053U
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.0074U	<0.0088U	<0.032U	<0.0075U	<0.037U	<0.024J	<0.058U	<0.022J	<0.036J	<0.022J	<0.016U	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.052U	<0.29U	<0.0071U	<0.027J	<0.0085U	<0.038U
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0087U	<0.052U	<0.007U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.047U	<0.26U	<0.0064U	<0.0083U	<0.0077U	<0.034U
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.047J	<0.028J	<0.03U	0.1	<0.036U	0.17	<0.055U	0.16	0.23	0.13	0.078	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.056J	0.2	<0.035J	<0.049J
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.009U	<0.054U	<0.0072U	<0.011U	<0.0071U	<0.014U	-	<0.024U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.008U	<0.035U
SSHS-B27	B23427	5/8/2000	2-3	<35U	<35U	-	<35U	-	<35U	-	<35U	<35U	<35U	<35U	-	-	-	-	-	-	-	-	<35U	<35U	<35U
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.023U	0.027J	<0.022U	<0.021U	<0.17U	0.015J	<0.05U,*	0.056J	0.075J	0.098	<0.024U	-	<0.019U	<0.014U	<0.03U	<0.43U	<0.27U	<0.26U	<0.019U	0.076J	<0.018U	0.017J
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.022U	0.53	<0.021U	0.29	<0.17U	0.69	<0.048U,*	0.97	1.4	1.5	0.52	-	<0.019U	<0.014U	<0.029U	<0.41U	<0.27U	<0.25U	0.12	0.72	0.3	0.14J
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.022U	0.41	<0.021U	0.23	<0.17U	0.82	<0.048U,*	0.87	1.3	0.9	0.53	-	<0.018U	<0.014U	<0.029U	<0.41U	<0.27U	<0.25U	0.072J	0.73	0.19	0.13J
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.022U	0.089	<0.021U	0.079	<0.17U	0.25	<0.048U,F2,*	0.27	0.38	0.26	0.13	-	<0.018U	<0.014U	<0.028U	<0.41U	<0.26U	<0.25U,F2	0.025J	0.25	0.058J	0.029J
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.024U	0.021J	<0.022U	<0.021U	<0.18U	0.073J	<0.051U,*	0.084	0.1	0.066J	0.036J	-	<0.02U	<0.015U	<0.03U	<0.44U	0.32J	<0.27U	<0.019U	0.08J	0.02J	<0.018U
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	0.05J	0.29	0.024J	0.47	<0.16U	0.83	<0.046U,*	0.85	1.1	0.87	0.36	-	<0.018U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	0.13	0.83	0.2	0.12J
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.022U	0.087	<0.021U	0.073J	<0.17U	0.15	<0.048U,*	0.17	0.23	0.2	0.092	-	<0.019U	<0.014U	<0.029U	<0.41U	<0.27U	<0.25U	0.031J	0.15	0.041J	0.053J
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.023U	0.2	<0.022U	0.13	<0.18U	0.38	<0.051U,*	0.52	0.66	0.66	0.23	-	<0.019U	<0.015U	<0.03U	<0.43U	<0.28U	<0.26U	0.053J	0.37	0.14	0.04J
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<0.023U	<0.018U	<0.022U	<0.021U	<0.18U	0.021J	<0.05U,*	0.018J	0.023J	0.019J	<0.024U	-	<0.019U	<0.015U	<0.03U	<0.43U	0.31J	<0.26U	<0.019U	0.017J	<0.018U	<0.018U
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.024U	0.065J	<0.022U	0.05J	<0.18U	0.14	<0.051U,*	0.15	0.19	0.13	0.074J	-	<0.02U	<0.015U	<0.031U	<0.44U	<0.28U	<0.27U	<0.019U	0.16	0.034J	<0.018U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																							VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2226	SSHS-B2226-SUB-2-4	7/26/2018	2-4	<0.36U	<0.16U	<0.26U	<0.33U	0.99	0.22	<0.024U	<0.14U	<0.72U	<0.1U	0.28	<0.14U	0.26	<0.15U	<0.13U	<0.14U	<0.68U	2	<0.093U	1.6	-	<0.0012U	-
SSHS-B2226	SSHS-B2226-SUB-4-6	7/26/2018	4-6	<0.72U	<0.32U	<0.51U	<0.65U	0.76	<0.012U	<0.049U	<0.28U	<1.4U	<0.21U	<0.0081U	<0.28U	0.28	<0.3U	<0.26U	<0.28U	<1.3U	2.2	<0.19U	2	-	<0.00098U,*	-
SSHS-B2226	SSHS-B2226-SUB-6-8	7/26/2018	6-8	<0.19U	<0.086U	<0.14U	<0.17U	3.1	0.21	<0.013U	<0.074U	<0.38U	<0.055U	1.5	<0.074U	0.75	<0.08U	<0.068U	<0.074U	<0.36U	1.6	0.13J	3.8	-	<0.0012U	-
SSHS-B2226	SSHS-B2226-SUB-8-10	7/26/2018	8-10	<0.72U	<0.33U	<0.51U	<0.65U	4.7	0.54	<0.049U	<0.28U	<1.4U	<0.21U	0.87	<0.28U	0.52	<0.3U	<0.26U	<0.28U	<1.3U	4	<0.19U	4.2	-	<0.0012U	-
SSHS-B2227	SSHS-B2227-SUB-0.17-2	7/26/2018	0.17-2	<0.036U	<0.016U	<0.026U	<0.033U	0.11	<0.00062U	<0.0024U	<0.014U	<0.072U	<0.01U	0.042	<0.014U	0.029	<0.015U	<0.013U	<0.014U	<0.068U	0.076	<0.0093U	0.1	-	<0.0012U	-
SSHS-B2228	SSHS-B2228-SUB-0.17-2	7/27/2018	0.17-2	<0.069U	<0.031U	<0.049U	<0.063U	0.074	<0.0012U	<0.0047U	<0.027U	<0.14U	<0.02U	0.027	<0.027U	0.04	<0.029U	<0.025U	<0.027U	<0.13U	0.046	<0.018U	0.062	-	<0.0011U	-
SSHS-B2228	SSHS-B2228-SUB-12-14	7/27/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2229	SSHS-B2229-SUB-0.17-2	7/27/2018	0.17-2	<0.24U	<0.11U	<0.17U	<0.22U	9.2	1.6	<0.017U	<0.094U	<0.49U	<0.071U	0.72	<0.094U	1	<0.1U	<0.086U	<0.094U	<0.46U	8.7	<0.063U	5.9	-	<0.0013U	-
SSHS-B2230	SSHS-B2230-SUB-0.17-2	7/23/2018	0.17-2	<0.037U	<0.016U	<0.026U	<0.033U	0.39	0.013	<0.0025U	<0.014U	<0.073U	<0.011U	0.13	<0.014U	0.081	<0.015U	<0.013U	<0.014U	<0.068U	0.17	<0.0094U	0.24	-	<0.0012U	-
SSHS-B2230	SSHS-B2230-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2231	SSHS-B2231-SS	7/24/2018	0-0.17	<0.035U	<0.016U	<0.025U	<0.032U	0.72	0.026	<0.0024U	<0.014U	<0.07U	<0.01U	0.14	<0.014U	<0.00093U	<0.015U	<0.013U	<0.014U	<0.066U	0.39	<0.0091U	0.52	-	-	-
SSHS-B2231	SSHS-B2231-SUB-0.17-2	7/23/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.46F1	0.016	<0.0025U	<0.014U	<0.074U,F1	<0.011U	0.2	<0.014U	0.059	<0.015U	<0.013U	<0.014U	<0.069U,F1	0.17	<0.0095U	0.38	-	<0.0013U	-
SSHS-B2231	SSHS-B2231-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2232	SSHS-B2232-SUB-0.17-2	7/24/2018	0.17-2	<0.036U	<0.016U	<0.026U	<0.033U	1.2	0.075	<0.0025U	<0.014U	<0.073U	<0.011U	0.3	<0.014U	0.13	<0.015U	<0.013U	<0.014U	<0.068U	0.63	<0.0094U	1.1	-	<0.0012U	-
SSHS-B2232	SSHS-B2232-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2233	SSHS-B2233-SUB-0.17-2	7/24/2018	0.17-2	<0.037U	<0.017U	<0.026U	<0.033U	0.41	<0.00063U	<0.0025U	<0.014U	<0.074U	<0.011U	0.12	<0.014U	0.077	<0.016U	<0.013U	<0.014U	<0.069U	0.17	<0.0096U	0.41	-	<0.0011U	-
SSHS-B2233	SSHS-B2233-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2234	SSHS-B2234-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00041U	-
SSHS-B2235	SSHS-B2235-SUB-0.17-2	7/23/2018	0.17-2	<0.036U	<0.016U	<0.026U	<0.033U	0.6	0.012	<0.0024U	<0.014U	<0.072U	<0.01U	0.16	<0.014U	0.047	<0.015U	<0.013U	<0.014U	<0.068U	0.32	<0.0093U	0.45	-	<0.0005U	-
SSHS-B2235	SSHS-B2235-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2236	SSHS-B2236-SUB-0.17-2	7/27/2018	0.17-2	<0.034U	<0.015U	<0.024U	<0.031U	0.034	<0.00058U	<0.0023U	<0.013U	<0.068U	<0.0099U	0.013	<0.013U	0.013	<0.014U	<0.012U	<0.013U	<0.064U	0.025	<0.0088U	0.031	-	<0.0011U	-
SSHS-B2237	SSHS-B2237-SUB-0.17-2	7/27/2018	0.17-2	<0.91U	<0.41U	<0.64U	<0.82U	0.45	<0.016U	<0.061U	<0.35U	<1.8U	<0.26U	<0.01U	<0.35U	0.15J	<0.38U	<0.32U	<0.35U	<1.7U	0.7	0.3J	1.2	-	<0.0013U	-
SSHS-B2238	SSHS-B2238-SUB-0.17-2	7/23/2018	0.17-2	<0.034U	<0.015U	<0.024U	<0.031U	0.011	<0.00058U	<0.0023U	<0.013U	<0.068U	<0.0098U	0.0063J	<0.013U	<0.0009U	<0.014U	<0.012U	<0.013U	<0.063U	0.0061J	<0.0087U	0.01	-	<0.00047U	-
SSHS-B2238	SSHS-B2238-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2239	SSHS-B2239-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2240	SSHS-B2240-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2241	SSHS-B2241-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2242	SSHS-B2242-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2243	SSHS-B2243-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2244	SSHS-B2244-SUB-12-14	7/23/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2245	SSHS-B2245-SUB-0-2	7/24/2018	0-2	<0.035U	<0.016U	<0.025U	<0.032U	0.013	<0.0006U	<0.0024U	<0.014U	<0.07U,F1	<0.01U	<0.0004U	<0.014U	<0.00093U	<0.015U	<0.012U	<0.014U	<0.066U,F1,F2	<0.00083U	<0.0091U	0.012	-	<0.0012U	-
SSHS-B2245	SSHS-B2245-SUB-12-14	7/24/2018	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-
SSHS-B2245	SSHS-B2245-SUB-2-4	7/24/2018	2-4	<0.14U	<0.063U	<0.099U	<0.13U	3.5	0.34	<0.0094U	<0.054U	<0.28U	<0.04U	0.54	<0.054U	0.2	<0.058U	<0.049U	<0.054U	<0.26U	3.3	<0.036U	2.8	-	-	-
SSHS-B2246	SSHS-B2246-SUB-0-2	7/26/2018	0-2	<0.072U	<0.032U	<0.051U	<0.065U	0.22	<0.0012U	<0.0049U	<0.028U	<0.14U	<0.021U	<0.00081U	<0.028U	0.083	<0.03U	<0.026U	<0.028U	<0.13U	0.16	<0.019U	0.17	-	<0.0011U	-
SSHS-B2246	SSHS-B2246-SUB-2-4	7/26/2018	2-4	<3.5U	<1.6U	<2.5U	<3.2U	89	14	<0.24U	<1.4U	<7.1U	<1U	5.9	<1.4U	2.1	<1.5U	<1.3U	<1.4U	<6.6U	96	<0.91U	49	-	-	-
SSHS-B23	B23439	5/9/2000	1-4	-	-	-	-	0.045J	<0.43U	<0.43U	-	-	-	<0.43U	-	<0.43U	-	-	-	<0.43U	<0.43U	<0.43U	<0.43U	-	<0.43U	-
SSHS-B23	B23440	5/9/2000	4-8	-	-	-	-	0.39J	0.045J	<0.4U	-	-	-	0.087J	-	0.089J	-	-	-	<0.96U	0.41	<0.4U	0.33J	-	<0.4U	-
SSHS-B23	B23441	5/9/2000	8-12	-	-	-	-	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	-	<0.41U	-	-	-	<1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-B24	B23401T2	7/11/2000	2-2.5	-	-	-	-	0.11J	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<1.9U	0.089J	<0.37U	0.12J	-	<0.37U	-
SSHS-B24	B23401T2-1	7/27/2000	2-2.5	-	-	-	-	0.054J	<0.38U	<0.38U	-	-	-	<0.38U	-	0.04J	-	-	-	<2U	0.12J	<0.38U	0.066J	-	<0.38U	-
SSHS-B24	B23438	5/9/2000	1-4	-	-	-	-	0.061J	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<0.38U	0.062J	<0.38U	<0.05J	-	<0.38U	-
SSHS-B25	B23436	5/9/2000	1-4	-	-	-	-	<0.35U	<0.35U	<0.35U	-	-	-	<0.35U	-	<0.35U	-	-	-	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	-
SSHS-B25	B23437	5/9/2000	8-12	-	-	-	-	<0.39U	<0.39U	<0.39U	-	-	-	<0.39U	-	<0.39U	-	-	-	<0.95U	<0.39U	<0.39U	<0.39U	-	<0.39U	-
SSHS-B26	B23426	5/8/2000	4-6	-	-	-	-	<0.34U	<0.34U	<0.34U	-	-	-	<0.34U	-	<0.34U	-	-	-	<0.34U	<0.34U	<0.34U	<0.34U	-	<0.34U	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/15/2019	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2615	SSHS-B2615-SUB-4-6	5/21/2019	4-6	<0.13U	<0.014U	<0.16U	<0.22U	0.18	0.016J	<0.027U	<0.022U	<0.038U	<0.019U	0.084	<0.019U	0.045J	<0.14U	<0.025U	<0.13U	<0.6U	0.13	<0.11U	0.16	-	-	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0013U,*	-
SSHS-B2621	SSHS-B2621-SUB-6-8	5/17/2019	6-8	<0.13U	<0.014U	<0.17U	<0.22U	0.043J	<0.015U	<0.027U	<0.022U	<0.039U	<0.02U	0.025J	<0.019U	<0.015U	<0.14U	<0.026U	<0.13U	<0.61U	0.036J	<0.11U	0.085	-	-	-
SSHS-B2632	SSHS-B2632-SUB-14-16	5/20/2019	14-16	<0.13U	<0.013U	<0.16U	<0.21U	0.066J	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	<0.015U	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.58U	<0.019U	<0.11U	0.23	-	<0.00086U	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/15/2019	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00091U	-
SSHS-B2686	SSHS-B2686-SUB-6-8	5/21/2019	6-8	<0.13U	<0.013U	<0.16U	<0.21U	<0.019U	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	<0.015U	<0.018U	<0.014U	<0.13U	<0.025U	<0.12U	<0.58U	<0.019U	<0.11U	<0.017U	-	-	-
SSHS-B2693	SSHS-B2693-SUB-0.17-2	5/20/2019	0.17-2	<0.42U	<0.044U	<0.53U	<0.7U	0.56	<0.047U	<0.086U	<0.07U	<0.12U	<0.062U	0.26	<0.061U	0.2J	<0.44U	<0.082U	<0.4U	<1.9U	0.32	<0.36U	0.44	-	<0.0012U	-
SSHS-B26-A	SSHS-B26-A-0.17-2 (0.5)	8/14/2014	0.17-2	<0.042U	<0.042U	<0.048U	<0.04U	<0.036J	<0.01U	<0.0082U	<0.0086U	<0.041U	<0.028U	<0.019J	<0.029U	<0.0066U	<0.032U	<0.009U	<0.036U	<0.034U	<0.021J	<0.0091U	<0.029J	-	<0.00053U	-
SSHS-B26-A	SSHS-B26-A-13.5-15.5 (15)	8/14/2014	13.5-15.5	<0.038U	<0.038U	<0.044U	<0.037U	<0.018J	<0.0092U	<0.0074U	<0.0078U	<0.037U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.018J	<0.0082U	<0.011J	-	<0.00053U	-
SSHS-B26-A	SSHS-B26-A-2-6 (2)	8/14/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	0.38	<0.053J	<0.0078U	<0.0082U	<0.039U	<0.026U	0.11	<0.028U	0.078	<0.03U	<0.0086U	<0.034U	<0.033U	0.34	<0.0087U	0.26	-	<0.00054U	-
SSHS-B26-A	SSHS-B26-A-6-8 (7)	8/14/2014	6-8	<0.039U	<0.039U	<0.045U	<0.038U	<0.0076U	<0.0094U	<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	<0.0072U	-	<0.00054U	-
SSHS-B27	B23427	5/8/2000	2-3	-	-	-	-	<35U	<35U	<35U	-	-	-	<35U	-	<35U	-	-	-	<35U	<35U	<35U	<35U	-	<35U	-
SSHS-B2704	SSHS-B2704-SUB-0.17-2	5/16/2019	0.17-2	<0.14U	<0.014U	<0.17U	<0.23U	0.036J	<0.016U	<0.029U	<0.023U	<0.041U	<0.021U	0.07J	<0.02U	0.04J	<0.15U	<0.027U	<0.13U	<0.64U	0.074J	<0.12U	0.097	-	<0.00096U	-
SSHS-B2705	SSHS-B2705-SUB-0.17-2	5/16/2019	0.17-2	<0.14U	<0.014U	<0.17U	<0.23U	1.3	0.038J	<0.028U	<0.023U	<0.04U	<0.02U	1.2	<0.02U	0.66	<0.14U	<0.026U	<0.13U	<0.62U	0.6	<0.12U	1.1	-	<0.0012U	-
SSHS-B2706	SSHS-B2706-SUB-0.17-2	5/16/2019	0.17-2	<0.14U	<0.014U	<0.17U	<0.22U	1.1	0.036J	<0.028U	<0.023U	<0.039U	<0.02U	0.77	<0.02U	0.73	<0.14U	<0.026U	<0.13U	<0.62U	0.39	<0.12U	1.2	-	<0.0011U	-
SSHS-B2707	SSHS-B2707-SUB-0.17-2	5/16/2019	0.17-2	<0.13U	<0.014U	<0.17U	<0.22U	0.51	<0.015U	<0.027U	<0.022U	<0.039U	<0.02U	0.22	<0.02U	0.13	<0.14U	<0.026U	<0.13U	<0.62U	0.2	<0.12U	0.4	-	<0.0011U,F2	-
SSHS-B2708	SSHS-B2708-SUB-0.17-2	5/21/2019	0.17-2	<0.14U	<0.015U	<0.18U	<0.24U	0.14	<0.016U	<0.029U	<0.024U	<0.042U	<0.021U	0.055J	<0.021U	<0.016U	<0.15U	<0.028U	<0.14U	<0.66U	0.052J	<0.12U	0.12	-	<0.0018U	-
SSHS-B2709	SSHS-B2709-SUB-0.17-2	5/20/2019	0.17-2	<0.13U	<0.013U	<0.16U	<0.21U	1.9	0.079	<0.026U	<0.022U	<0.038U	<0.019U	0.75	<0.019U	0.5	<0.13U	<0.025U	<0.12U	<0.59U	1.2	<0.11U	1.5	-	<0.0011U	-
SSHS-B2710	SSHS-B2710-SUB-0.17-2	5/16/2019	0.17-2	<0.14U	<0.014U	<0.17U	<0.23U	0.26	<0.015U	<0.028U	<0.023U	<0.04U	<0.02U	0.17	<0.02U	0.31	<0.14U	<0.026U	<0.13U	<0.63U	0.15	<0.12U	0.22	-	<0.0011U	-
SSHS-B2711	SSHS-B2711-SUB-0.17-2	5/15/2019	0.17-2	<0.14U	<0.015U	<0.18U	<0.24U	0.68	0.026J	<0.029U	<0.024U	<0.042U	<0.021U	0.56	<0.021U	0.2	<0.15U	<0.028U	<0.14U	<0.65U	0.31	<0.12U	0.56	-	<0.0012U	-
SSHS-B2712	SSHS-B2712-SUB-0.17-2	5/15/2019	0.17-2	<0.14U	<0.015U	<0.18U	<0.23U	0.032J	<0.016U	<0.029U	<0.024U	<0.041U	<0.021U	0.019J	<0.021U	<0.016U	<0.15U	<0.027U	<0.13U	<0.65U	<0.022U	<0.12U	0.023J	-	<0.001U	-
SSHS-B2713	SSHS-B2713-SUB-0.17-2	5/15/2019	0.17-2	<0.14U	<0.015U	<0.18U	<0.24U	0.24	<0.016U	<0.03U	<0.024U	<0.042U	<0.021U	0.12	<0.021U	0.046J	<0.15U	<0.028U	<0.14U	<0.66U	0.11	<0.12U	0.22	-	<0.0012U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.0024U	<0.0026U	<0.002U	<0.0023U	<0.0029U	<0.0052U	<0.003U	<0.0036U	<0.0029U	<0.0022U	<0.0034U	<0.0037U	<0.0017U	<0.0048U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.004U	<0.0029U	<0.0031U	<0.0025U
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.0024U	<0.0026U	<0.0021U	<0.0023U	<0.003U	<0.0053U	<0.0031U	<0.0036U	<0.0029U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<0.003U	<0.0023U	<0.0029U	<0.0032U	<0.0041U	<0.0029U	<0.0032U	<0.0026U
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.0026U	<0.0028U	<0.0022U	<0.0024U	<0.0032U	<0.0056U	<0.0033U	<0.0039U	<0.0031U	<0.0024U	<0.0037U	<0.004U	<0.0019U	<0.0052U	<0.0032U	<0.0025U	<0.0031U	<0.0034U	<0.0043U	<0.0031U	<0.0034U	<0.0027U
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	<0.0023U	<0.0025U	<0.002U	0.0055J	<0.0029U	0.0072J	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U	<0.0017U	<0.0046U	<0.0029U	<0.0022U	<0.0028U	<0.003U	<0.0039U	<0.0028U	<0.003U,*	<0.0025U
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0034U	<0.0027U	<0.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	<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	<0.0024U
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	<0.0022U	<0.0024U	<0.0018U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0045U	<0.0027U	<0.0022U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U,F1	<0.0024U
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	<0.0028U	<0.003U	<0.0024U	<0.0026U	<0.0034U	<0.0061U	<0.0035U	<0.0042U	<0.0034U	<0.0025U	<0.004U	<0.0043U,*	<0.002U	<0.0056U	<0.0034U	<0.0027U	<0.0033U	<0.0037U	<0.0047U	<0.0034U	<0.0036U	<0.003U
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<0.0021U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U,*	<0.0025U,*	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0027U	<0.0022U
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	<0.0022U	<0.0024U	<0.0018U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0028U	<0.005U	<0.0029U	<0.0035U,*	<0.0028U,*	<0.0021U	<0.0033U	<0.0036U	<0.0017U	<0.0046U	<0.0029U	<0.0022U	<0.0027U	<0.003U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.0031U,*	<0.0025U,*	<0.0019U	<0.0029U	<0.0031U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0026U	<0.0022U
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U,*	<0.0025U,*	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	<0.0021U	0.0037J	<0.0018U	0.017	0.0062	0.023	<0.0027U	<0.0032U,*	<0.0026U,*	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0028U	<0.005U	<0.0029U	<0.0035U,*	<0.0028U,*	<0.0021U	<0.0033U	<0.0036U	<0.0017U	<0.0046U	<0.0029U	<0.0022U	<0.0027U	<0.003U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	<0.0023U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<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	<0.0024U
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U,*	<0.0027U,*	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U,*	<0.0025U,*	<0.0019U	<0.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0027U	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0027U	<0.0047U	<0.0027U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	<0.0022U	<0.0024U	<0.0018U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<0.002U	<0.0032U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0026U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	<0.0021U	<0.0024U	<0.0018U	<0.002U	<0.0027U	<0.0047U	<0.0027U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U,F1	<0.0026U,F1	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U	<0.0035U	<0.0026U	<0.0027U	<0.0022U
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0048U	<0.0028U	<0.0034U	<0.0027U	<0.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<0.002U	<0.0031U	<0.0033U	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0026U	<0.0028U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	<0.0023U	<0.0025U	<0.0019U	<0.0022U	<0.0028U	<0.0049U	<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	<0.0024U
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0037U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0044U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<0.0029U	<0.0032U	<0.0015U	<0.0041U	<0.0025U	<0.002U	<0.0024U	<0.0027U	<0.0034U	<0.0025U	<0.0027U	<0.0022U
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	<0.0019U	<0.0021U	<0.0017U	<0.0019U	<0.0024U	<0.0043U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0028U	<0.0031U	<0.0014U	<0.004U	<0.0024U	<0.0019U	<0.0023U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<0.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.0029U	<0.0037U	<0.0027U	<0.0029U	<0.0024U
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	<0.0022U	<0.0024U	<0.0018U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U	<0.0023U
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0047U	<0.0028U	<0.0033U	<0.0026U	<0.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U	<0.0036U	<0.0026U	<0.0028U,*	<0.0023U
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	<0.0026U	<0.0028U	<0.0022U	<0.0024U	<0.0032U	<0.0056U	<0.0033U	<0.0039U	<0.0031U	<0.0024U	<0.0037U	<0.004U,*	<0.0019U	<0.0052U	<0.0032U	<0.0025U	<0.0031U	<0.0034U	<0.0043U	<0.0031U	<0.0034U	<0.0028U
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.003U	<0.0035U	<0.0028U	<0.0021U	<0.0034U	<0.0036U,*	<0.0017U	<0.0047U	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.0031U	<0.0025U
SSHS-B28	B23428	5/8/2000	4-8	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	<0.0056U
SSHS-B28	B23429	5/8/2000	8-12	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	-	-	<0.0059U	<0.0059U	-	<0.0059U	-	-	-	-	-	<0.0059U	-	-	<0.0059U
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<0.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.0029U,*	<0.0024U
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	<0.0023U	<0.0025U	<0.0019U	<0.0022U	<0.0028U	<0.0049U	<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,*	<0.0024U
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0047U	<0.0027U	<0.0032U	<0.0026U	<0.002U	<0.0031U	<0.0033U,*	<0.0016U	<0.0043U	<0.0027U	<0.0021U	<0.0025U	<0.0028U	<0.0036U	<0.0026U	<0.0028U,*	<0.0023U
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0029U	<0.0051U	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U	<0.0017U	0.014	<0.0029U	<0.0023U	<0.0028U	<0.0031U	<0.0039U	<0.0028U	<0.003U,*	<0.0025U
SSHS-B29	B23430	5/8/2000	1-4	<0.0055U	<0.0055U	0.01	<0.0014U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	<0.0055U	-	-	0.0015J
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.0007U	-	<0.00044U	<0.00065U	<0.00075U	<0.00052U	<0.00076U	<0.00067U	<0.00055U	-	<0.00049U	<0.00062U	<0.00051U	<0.0004U	<0.0004U	<0.00064U	<0.0014U	<0.00053U
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.00059U	<0.00056U	<0.00064U	<0.0013U	<0.00068U	-	<0.00043U	<0.00063U	<0.00073U	<0.0005U	<0.00074U	<0.00066U	<0.00054U	-	<0.00048U	<0.0006U	<0.00049U	<0.00039U	<0.00039U	<0.00062U	<0.0014U	<0.00051U
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.00057U	<0.00054U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00049U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00048U	<0.00037U	<0.00038U	<0.0006U	<0.0013U	<0.0005U
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.00068U	<0.00065U	<0.00074U	<0.0015U	<0.00079U	-	<0.00049U	<0.00073U	<0.00084U	<0.00058U	<0.00086U	<0.00076U	<0.00062U	-	<0.00055U	<0.0007U	<0.00057U	<0.00045U	<0.00045U	<0.00072U	<0.0016U	<0.00059U
SSHS-B3	B23489	5/12/2000	4-8	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	-	-	<0.0064U	<0.0064U	-	<0.0064U	-	-	-	-	-	<0.0064U	-	-	0.006J
SSHS-B30	B23431	5/8/2000	1-4	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	-	<0.0055U	-	-	<0.0055U
SSHS-B30	B23432	5/8/2000	4-8	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-B32	B23433	5/8/2000	1-4	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	-	-	<0.0052U	<0.0052U	-	<0.0052U	-	-	-	-	-	<0.0052U	-	-	<0.0052U
SSHS-B34	B23434	5/9/2000	1-4	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	<0.0056U
SSHS-B34	B23435	5/9/2000	4-6	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	<0.0056U
SSHS-B35	B23444	5/9/2000	2-4	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<0.0061U	<0.0061U	-	<0.0061U	-	-	-	-	-	<0.0061U	-	-	0.0015J
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	-	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	-	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	-	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.0046U	<0.0019U	<0.0019U	<0.0046U	<0.0018U	<0.0024U	<0.003U	<0.0021U	<0.0044U	<0.0043U	<0.0045U	<0.0024U	<0.0019U	<0.0019U	<0.0033U	<0.0054U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.0047U	<0.0019U	<0.002U	<0.0047U	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0045U	<0.0043U	<0.0045U	<0.0024U	<0.0019U	<0.0019U	<0.0033U	<0.0055U	<0.0036U	<0.0018U,*	-	-	-	-
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.005U	<0.002U	<0.0021U	<0.005U	<0.002U	<0.0026U	<0.0033U	<0.0022U	<0.0048U	<0.0046U	<0.0048U	<0.0026U	<0.0021U	<0.002U	<0.0036U	<0.0058U	<0.0038U	<0.0019U,*	-	-	-	-
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	<0.0045U	<0.0018U	<0.0019U	<0.0045U	<0.0018U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0041U	<0.0043U	<0.0023U	<0.0019U	<0.0018U	<0.0032U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	<0.0043U	<0.0018U	<0.0018U	<0.0043U	<0.0017U	<0.0023U	<0.0029U	<0.0019U	<0.0041U	<0.004U	<0.0042U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0051U,*	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0044U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0041U	<0.0043U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	<0.0042U	<0.0017U	<0.0018U	<0.0042U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	<0.0043U	<0.0018U	<0.0018U	<0.0043U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.004U	<0.0042U	<0.0022U	<0.0018U	<0.0018U	<0.0031U	<0.005U	<0.0033U	<0.0016U,F1	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.0043U	<0.0018U	<0.0018U	<0.0043U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.004U	<0.0042U	<0.0022U	<0.0018U	<0.0018U	<0.003U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	<0.0054U	<0.0022U	<0.0022U	<0.0054U	<0.0021U	<0.0028U	<0.0036U	<0.0024U	<0.0052U	<0.005U,*	<0.0052U,*	<0.0028U	<0.0022U	<0.0022U	<0.0038U	<0.0063U	<0.0041U	<0.002U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	<0.0044U	<0.0018U	<0.0018U	<0.0044U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.004U	<0.0042U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	<0.004U	<0.0016U	<0.0017U	<0.004U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0038U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0016U	<0.0029U,*	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	<0.004U	<0.0017U	<0.0017U	<0.004U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0038U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	<0.0041U	<0.0017U	<0.0017U	<0.0041U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	<0.0041U	<0.0017U	<0.0017U	<0.0041U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0038U	<0.004U	<0.0021U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	<0.0042U	<0.0017U	<0.0018U	<0.0042U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	<0.0041U	<0.0017U	<0.0017U	<0.0041U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0017U	<0.0029U	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	<0.0045U	<0.0018U	<0.0019U	<0.0045U	<0.0017U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0041U	<0.0043U	<0.0023U	<0.0019U	<0.0018U	<0.0032U,*	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	<0.0039U	<0.0016U	<0.0016U	<0.0039U	<0.0015U	<0.002U	<0.0026U	<0.0018U	<0.0038U	<0.0036U	<0.0038U	<0.002U	<0.0016U	<0.0016U	<0.0028U,*	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	<0.0041U	<0.0017U	<0.0017U	<0.004U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0017U	<0.0029U,*	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0038U	<0.004U	<0.0022U	<0.0017U	<0.0017U	<0.003U,*	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	<0.0045U	<0.0018U	<0.0019U	<0.0045U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0043U	<0.0041U	<0.0043U	<0.0023U	<0.0019U	<0.0018U	<0.0032U,*	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	<0.0044U	<0.0018U	<0.0018U	<0.0044U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0041U	<0.0043U	<0.0023U	<0.0018U	<0.0018U	<0.0031U,*	<0.0052U	<0.0033U	<0.0017U	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	<0.0043U	<0.0017U	<0.0018U	<0.0043U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0039U	<0.0041U	<0.0022U	<0.0018U	<0.0017U	<0.003U,*	<0.005U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	<0.0045U	<0.0018U	<0.0019U	<0.0045U	<0.0018U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0042U	<0.0044U	<0.0023U	<0.0019U	<0.0018U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	<0.0041U	<0.0017U	<0.0017U	<0.0041U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0038U	<0.004U	<0.0021U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	<0.004U	<0.0016U	<0.0017U	<0.004U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0037U	<0.0039U	<0.0021U	<0.0017U	<0.0016U	<0.0029U,*	<0.0047U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	<0.0042U	<0.0017U	<0.0018U	<0.0042U	0.0021J	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	<0.0043U	<0.0018U	<0.0018U	<0.0043U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.004U	<0.0042U	<0.0022U	<0.0018U	<0.0018U	<0.003U	<0.005U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	<0.0042U	<0.0017U	<0.0017U	<0.0041U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0038U	<0.004U	<0.0022U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0016U	-	-	-	-
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0038U	<0.004U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	<0.0041U	<0.0017U	<0.0017U	<0.0041U	<0.0016U	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0038U	<0.004U	<0.0021U	<0.0017U	<0.0017U	<0.0029U,F1	<0.0048U	<0.0031U	<0.0015U	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	<0.0043U	<0.0018U	<0.0018U	<0.0043U	0.0024J	<0.0023U	<0.0029U	<0.0019U	<0.0041U	<0.004U	<0.0042U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	<0.0042U	<0.0017U	<0.0017U	<0.0042U	<0.0016U	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0038U	<0.004U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	<0.0044U	<0.0018U	<0.0018U	<0.0044U	0.0027J	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0041U	<0.0043U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	<0.0042U	<0.0017U	<0.0018U	<0.0042U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0018U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	<0.004U	<0.0016U	<0.0016U	<0.004U	<0.0015U	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0036U	<0.0038U	<0.0021U	<0.0016U	<0.0016U	<0.0028U	<0.0046U	<0.003U	<0.0015U	-	-	-	-
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	<0.0038U	<0.0016U	<0.0016U	<0.0038U	<0.0015U	<0.002U	<0.0025U	<0.0017U	<0.0036U	<0.0035U	<0.0037U	<0.002U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0014U	-	-	-	-
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	<0.0044U	<0.0018U	<0.0018U	<0.0043U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0041U	<0.004U	<0.0042U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	<0.0042U	<0.0017U	<0.0018U	<0.0042U	<0.0016U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0017U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	<0.0042U	<0.0017U	<0.0018U	<0.0042U	<0.0017U	<0.0022U	<0.0028U	<0.0019U	<0.004U	<0.0039U	<0.0041U	<0.0022U	<0.0018U	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	<0.005U	<0.0021U	<0.0021U	<0.005U	<0.002U	<0.0026U	<0.0033U	<0.0023U	<0.0048U	<0.0046U,*	<0.0049U,*	<0.0026U	<0.0021U	<0.0021U	<0.0036U	<0.0059U	<0.0038U	<0.0019U	-	-	-	-
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	<0.0046U	<0.0019U	<0.0019U	<0.0046U	<0.0018U	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0042U,*	<0.0044U,*	<0.0024U	<0.0019U	<0.0019U	<0.0032U	<0.0053U	<0.0035U	<0.0017U	-	-	-	-
SSHS-B28	B23428	5/8/2000	4-8	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B28	B23429	5/8/2000	8-12	-	<0.0059U	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	-	-	<0.39U	<0.39U	<0.0059U	-	-	-	-	-	-	-	-
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	<0.0044U	<0.0018U	<0.0018U	<0.0044U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0041U	<0.004U	<0.0042U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	-	-	-	-
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	<0.0044U	<0.0018U	<0.0018U	<0.0044U	0.0025J	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0041U	<0.0043U	<0.0023U	<0.0018U	<0.0018U	<0.0031U	<0.0052U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	<0.0042U	<0.0017U	<0.0017U	<0.0042U	0.029	<0.0022U	<0.0027U	<0.0019U	<0.004U	<0.0038U,*	<0.004U,*	<0.0022U,*	<0.0017U,*	<0.0017U	<0.003U	<0.0049U	<0.0032U	<0.0016U	-	-	-	-
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	<0.0045U	0.013	<0.0019U	<0.0045U	0.043	<0.0024U	<0.003U	<0.002U	<0.0043U	<0.0042U	<0.0044U	<0.0023U	<0.0019U	<0.0018U	<0.0032U	<0.0053U	<0.0034U	<0.0017U	-	-	-	-
SSHS-B29	B23430	5/8/2000	1-4	-	<0.0055U	-	0.0043J	0.051	0.0029J	<0.0055U	-	<0.0055U	-	-	<0.36U	<0.36U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00077U	<0.00063U	<0.00061U	<0.00061U	<0.0014J	<0.00061U	<0.00054U	<0.00054U	<0.00042U	<0.00076U	<0.00079U	<0.00072U	<0.00059U	<0.00068U	<0.00078U	<0.00067U	<0.0006U	<0.00083U	-	-	-	-
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.00075U	<0.00062U	<0.00059U	<0.00059U	<0.00058U	<0.0006U	<0.00052U	<0.00052U	<0.00041U	<0.00074U	<0.00077U	<0.0007U	<0.00058U	<0.00066U	<0.00076U	<0.00065U	<0.00058U	<0.00081U	-	-	-	-
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.00072U	<0.0006U	<0.00057U	<0.00057U	<0.00056U	<0.00058U	<0.0005U	<0.00051U	<0.0004U	<0.00072U	<0.00075U	<0.00068U	<0.00056U	<0.00064U	<0.00073U	<0.00063U	<0.00056U	<0.00078U	-	-	-	-
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.00086U	<0.00071U	<0.00069U	<0.00068U	<0.00067U	<0.00069U	<0.0006U	<0.0006U	<0.00047U	<0.00085U	<0.00089U	<0.00081U	<0.00066U	<0.00077U	<0.00087U	<0.00075U	<0.00067U	<0.00093U	-	-	-	-
SSHS-B3	B23489	5/12/2000	4-8	-	<0.0064U	-	<0.0064U	0.0014J	<0.0064U	<0.0064U	-	<0.0064U	-	-	<0.42U	<0.42U	<0.0064U	-	-	-	-	-	-	-	-
SSHS-B30	B23431	5/8/2000	1-4	-	<0.0055U	-	0.0011J	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	-	<0.36U	<0.36U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B30	B23432	5/8/2000	4-8	-	<0.0058U	-	<0.0012J	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B32	B23433	5/8/2000	1-4	-	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	-	-	<0.35U	<0.35U	<0.0052U	-	-	-	-	-	-	-	-
SSHS-B34	B23434	5/9/2000	1-4	-	<0.0056U	-	0.0022J	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.36U	<0.36U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B34	B23435	5/9/2000	4-6	-	<0.0056U	-	<0.0056U	<0.0056U	0.0022J	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B35	B23444	5/9/2000	2-4	-	<0.0061U	-	<0.0061U	<0.0021U	0.0029J	<0.0061U	-	<0.0061U	-	-	<0.4U	<0.4U	<0.0061U	-	-	-	-	-	-	-	-
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.35U	<0.35U	<0.35U	<0.0053U	-	<0.0053U	-	<0.0053U	-	-	-	-
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.34U	<0.34U	<0.34U	<0.0052U	-	<0.0052U	-	<0.0052U	-	-	-	-
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.35U	<0.35U	<0.35U	<0.0053U	-	<0.0053U	-	<0.0053U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides															
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.003U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	<0.0033U	-	-	-	-	<0.0019U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	<0.0025U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	<0.003U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B28	B23428	5/8/2000	4-8	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B28	B23429	5/8/2000	8-12	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	<0.0027U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B29	B23430	5/8/2000	1-4	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00061U	-	-	-	-	<0.00064U	-	<0.00028U	<0.0003U	<0.0059U	<0.00047U	-	<0.0019U	<0.023U	-	<0.00028U	<0.002U	0.06	0.0056	<0.0047U	<0.0019U	<0.0071U
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.0006U	-	-	-	-	<0.00062U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00034U	<0.00034U	-	<0.00026U	<0.0018U	<0.0018U	<0.00029U	<0.00032U	<0.0003U	<0.0018U
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.00058U	-	-	-	-	<0.0006U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.0018U	<0.025U	-	<0.00027U	<0.00023U	0.031J	<0.0021U	0.0034	<0.0018U	<0.0059U
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.00069U	-	-	-	-	<0.00071U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.0018U	<0.0048U	-	<0.0019U	<0.0018U	0.0097	<0.00029U	<0.0012J	<0.00031U	<0.0018U
SSHS-B3	B23489	5/12/2000	4-8	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0042U	<0.0022U	<0.0022U	<0.0042U	<0.0042U
SSHS-B30	B23431	5/8/2000	1-4	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B30	B23432	5/8/2000	4-8	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B32	B23433	5/8/2000	1-4	-	-	-	-	-	-	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	-	-	-	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U
SSHS-B34	B23434	5/9/2000	1-4	-	-	-	-	-	-	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	-	-	-	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0036U
SSHS-B34	B23435	5/9/2000	4-6	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B35	B23444	5/9/2000	2-4	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.004U
SSHS-B36	B36	9/12/2000	0.5-2.5	-	-	-	-	-	<0.0053U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U
SSHS-B37	B37	9/12/2000	0.5-2.5	-	-	-	-	-	<0.0052U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0034U	<0.0034U
SSHS-B37	B37-8-10	9/12/2000	8-10	-	-	-	-	-	<0.0053U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	-	-	-	-	-	-	-	-	0.258	<0.0035U	<0.005U	<0.0022U	<0.0038U	<0.0036U	<0.0015U	<0.0044U	<0.017U	<0.018U	<0.044U	<0.17U	<0.03U	<0.023U
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	-	-	-	-	-	-	-	-	0.406	<0.0035U	<0.0051U	<0.0023U	<0.0039U	<0.0037U	<0.0015U	<0.0045U	<0.017U	<0.018U	<0.045U	<0.17U	<0.029U	<0.023U
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	-	-	-	-	-	-	-	-	1.318	<0.0038U	<0.0055U	<0.0024U	0.015J,B	<0.0039U	<0.0016U	<0.0048U	<0.018U	<0.018U	<0.048U	<0.17U	<0.03U	<0.023U
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	-	-	-	-	-	-	-	-	43.8	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	0.13J	<0.086U	<0.043U	<0.83U	<0.14U	<0.11U
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	-	-	-	-	-	-	-	-	11.3	<0.0033U,*	<0.0047U,*	<0.0021U	<0.0035U,*	<0.0034U	<0.0014U	<0.0041U	0.025J	<0.016U	<0.041U	<0.16U	<0.027U	<0.021U
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	-	-	-	-	-	-	-	-	0.6045	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0035U	<0.0014U	<0.0042U	<0.016U	<0.017U	<0.042U	<0.16U	<0.027U	<0.021U
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	-	-	-	-	-	-	-	-	4.822	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.004U	<0.015U	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	-	-	-	-	-	-	-	-	-	<0.0032U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	-	-	<0.041U	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	-	-	-	-	-	-	-	-	<0.248	-	-	-	-	-	-	-	<0.015U	<0.015U	<0.11U	<0.15U	<0.026U	<0.02U
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	-	-	-	-	-	-	-	-	1.281	<0.0032U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	<0.016U	<0.016U	<0.041U	<0.16U	<0.027U	<0.021U
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	-	-	-	-	-	-	-	-	2.175	<0.0041U	<0.0059U	<0.0026U	<0.0044U	<0.0042U	<0.0017U	<0.0052U	<0.016U	<0.017U	<0.051U	<0.16U	<0.028U	<0.022U
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	-	-	-	-	-	-	-	-	0.281	<0.0033U	<0.0047U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.016U	<0.016U	<0.041U	<0.16U	<0.027U	<0.021U
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	-	-	-	-	-	-	-	-	0.212	<0.003U	<0.0044U	<0.0019U	<0.0033U	<0.0031U	<0.0013U	<0.0039U	<0.015U	<0.016U	<0.038U	<0.15U	<0.026U	<0.02U
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	-	-	-	-	-	-	-	-	1.059	<0.003U	<0.0044U	<0.0019U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.015U	<0.038U	<0.15U	<0.025U	<0.019U
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	-	-	-	-	-	-	-	-	0.831	<0.003U	<0.0044U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.016U	<0.038U	<0.15U	<0.026U	<0.02U
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	-	-	-	-	-	-	-	-	8.455	<0.0031U	<0.0045U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.016U	<0.039U	<0.15U	<0.026U	<0.02U
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	-	-	-	-	-	-	-	-	2.271	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.004U	<0.015U	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	-	-	-	-	-	-	-	-	1.025	<0.0031U	<0.0044U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.015U	<0.039U	<0.15U	<0.025U	<0.019U
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	-	-	-	-	-	-	-	-	2.805	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	<0.016U	<0.017U	<0.043U	<0.16U	<0.028U	<0.021U
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	-	-	-	-	-	-	-	-	<0.239	<0.003U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0013U	<0.0038U	<0.015U	<0.015U	<0.037U	<0.14U	<0.025U	<0.019U
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	-	-	-	-	-	-	-	-	<0.246	<0.003U	<0.0044U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.015U	<0.038U	<0.15U	<0.026U	<0.02U
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	-	-	-	-	-	-	-	-	1.515	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	<0.015U	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	-	-	-	-	-	-	-	-	0.5335	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	<0.015U	<0.016U	<0.042U	<0.15U	<0.026U	<0.02U
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	-	-	-	-	-	-	-	-	<0.265	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0035U	<0.0014U	<0.0042U	<0.016U	<0.017U	<0.042U	<0.16U	<0.027U	<0.021U
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	-	-	-	-	-	-	-	-	<0.25	<0.0032U	<0.0046U	<0.0021U	<0.0035U	<0.0033U	<0.0014U	<0.0041U	<0.015U	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	-	-	-	-	-	-	-	-	0.535	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	<0.016U	<0.017U	<0.043U	<0.16U	<0.028U	<0.021U
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	-	-	-	-	-	-	-	-	1.727	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0032U	<0.0013U	<0.0039U	<0.03U	<0.031U	<0.039U	<0.3U	<0.052U	<0.04U
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	-	-	-	-	-	-	-	-	0.918	<0.003U	<0.0044U	<0.0019U	0.0036J	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.016U	<0.038U	<0.15U	<0.026U	<0.02U
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	-	-	-	-	-	-	-	-	0.373	<0.0032U	<0.0046U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	<0.015U	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	-	-	-	-	-	-	-	-	1.042	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.004U	<0.015U	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	-	-	-	-	-	-	-	-	1.059	<0.0032U	<0.0047U	<0.0021U	<0.0035U	<0.0034U	<0.0014U	<0.0041U	<0.015U	<0.016U	<0.041U	<0.15U	<0.026U	<0.02U
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	-	-	-	-	-	-	-	-	0.306	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0032U	<0.0013U	<0.004U	<0.015U	<0.016U	<0.039U	<0.15U	<0.026U	<0.02U
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	-	-	-	-	-	-	-	-	77.92	<0.0032U	<0.0046U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	0.59J	<0.032U	<0.04U	<0.31U	<0.054U	<0.041U
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	-	-	-	-	-	-	-	-	7.372	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	0.052J	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	-	-	-	-	-	-	-	-	<0.241	<0.0031U	<0.0045U	<0.002U	<0.0033U	<0.0032U	<0.0013U	<0.0039U	<0.015U	<0.015U,F2	<0.039U	<0.15U	<0.025U	<0.019U
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	-	-	-	-	-	-	-	-	6.581	<0.0033U	<0.0047U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.03U	<0.031U	<0.041U	<0.3U	<0.052U	<0.04U
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	-	-	-	-	-	-	-	-	0.2765	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	<0.016U	<0.016U	<0.04U	<0.16U	<0.027U	<0.021U
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	-	-	-	-	-	-	-	-	1.216	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0035U	<0.0014U	<0.0042U	<0.015U	<0.016U	<0.042U	<0.15U	<0.026U	<0.02U
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	-	-	-	-	-	-	-	-	14.62	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	<0.031U	<0.032U	<0.04U	<0.31U	<0.053U	<0.041U
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	-	-	-	-	-	-	-	-	0.606	<0.003U	<0.0043U	<0.0019U	<0.0032U	<0.0031U	<0.0013U	<0.0038U	<0.015U	<0.015U	<0.038U	<0.14U	<0.025U	<0.019U
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	-	-	-	-	-	-	-	-	<0.237	<0.0029U	<0.0042U	<0.0018U	<0.0031U	<0.003U	<0.0012U	<0.0037U	<0.015U	<0.015U	<0.036U	<0.14U	<0.025U	<0.019U
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	-	-	-	-	-	-	-	-	<0.274	<0.0033U	<0.0047U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.017U	<0.017U	<0.041U	<0.17U	<0.028U	<0.022U
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	-	-	-	-	-	-	-	-	<0.256	<0.0032U	<0.0046U	<0.002U	<0.0035U	<0.0033U	<0.0013U	<0.004U	<0.016U	<0.016U	<0.04U	<0.16U	<0.027U	<0.02U
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	-	-	-	-	-	-	-	-	1.503	<0.0032U	<0.0046U	<0.002U	0.0092J	<0.0033U	<0.0013U	<0.0041U	0.015J	<0.016U	<0.04U	<0.15U	<0.026U	<0.02U
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	-	-	-	-	-	-	-	-	4.513	0.0089	<0.0055U	<0.0024U	0.034J,B	<0.0039U	<0.0016U	<0.0048U	0.018J	<0.017U	<0.048U	<0.16U	<0.028U	<0.021U
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	-	-	-	-	-	-	-	-	4.737	0.011	<0.005U	<0.0022U	0.045B	<0.0036U	<0.0014U	<0.0044U	0.016J	<0.016U	<0.043U	<0.16U	<0.027U	<0.021U
SSHS-B28	B23428	5/8/2000	4-8	<0.0019U	-	-	-	<0.0019U	-	-	-	<0	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B28	B23429	5/8/2000	8-12	<0.002U	-	-	-	<0.002U	-	-	-	<0	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	-	-	-	-	-	-	-	-	3.968	<0.0033U	<0.0047U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	<0.016U	<0.017U	<0.041U	<0.16U	<0.028U	<0.022U
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	-	-	-	-	-	-	-	-	14.33	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0035U	<0.0014U	<0.0042U	0.092J	<0.016U	<0.042U	<0.16U	<0.027U	<0.021U
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	-	-	-	-	-	-	-	-	8.33	<0.0031U	<0.0045U	<0.002U	<0.0034U	<0.0033U	<0.0013U	<0.004U	<0.046U	<0.048U	<0.04U	<0.46U	<0.079U	<0.06U
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	-	-	-	-	-	-	-	-	7.47	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	0.033J	<0.017U	<0.043U	<0.16U	<0.028U	<0.022U
SSHS-B29	B23430	5/8/2000	1-4	<0.0019U	-	-	-	<0.0019U	-	-	-	0.414	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.03U	<0.0026U	<0.00028U	<0.00032U	<0.0019U	<0.039U	<0.02U	<0.012U	<0	<0.00079U	<0.00062U	<0.00059U	<0.0045U	<0.00046U	<0.00033U	<0.00067U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.00033U	<0.0011J	<0.00027U	<0.0003U	<0.00038U	<0.00034U	<0.0018U	<0.011U	<0	<0.00077U	<0.00061U	<0.00057U	<0.0044U	<0.00097J	<0.00033U	<0.00066U	<0.031U	<0.026U	<0.039U	<0.022U	<0.037U	<0.052U
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.016U	<0.002U	<0.0044U	<0.00031U	<0.0015U	<0.015U	<0.0018U	<0.012U	<0	<0.00075U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.0051U	<0.0018U	<0.0018U	<0.00031U	<0.00039U	<0.0054U	<0.00037U	<0.012U	<0	<0.00089U	<0.0007U	<0.00066U	<0.0051U	<0.00052U	<0.00038U	<0.00076U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B3	B23489	5/12/2000	4-8	<0.0022U	-	-	-	<0.0022U	-	-	-	3.178	<0.013U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B30	B23431	5/8/2000	1-4	<0.0019U	-	-	-	<0.0019U	-	-	-	0.695	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B30	B23432	5/8/2000	4-8	<0.002U	-	-	-	<0.002U	-	-	-	<0	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B32	B23433	5/8/2000	1-4	<0.0018U	-	-	-	<0.0018U	-	-	-	<0	<0.01U	-	-	<0.021U	-	-	-	-	-	-	-	-	-
SSHS-B34	B23434	5/9/2000	1-4	<0.0018U	-	-	-	<0.0018U	-	-	-	<0	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B34	B23435	5/9/2000	4-6	<0.0019U	-	-	-	<0.0019U	-	-	-	<0	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B35	B23444	5/9/2000	2-4	<0.0021U	-	-	-	<0.0021U	-	-	-	4.637	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.0018U	<0.0035U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.007U	<0.035U	<0	<0.011U	<0.011U	<0.011U	<0.021U	<0.011U	-	-	-	-	-	-	<0.35U	<0.35U
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.0018U	<0.0034U	<0.0034U	<0.0018U	<0.0018U	<0.0018U	<0.0069U	<0.034U	1.34	<0.01U	<0.01U	<0.01U	<0.021U	<0.01U	-	-	-	-	-	-	<0.34U	<0.34U
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.0018U	<0.0035U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.007U	<0.035U	0.37	<0.011U	<0.011U	<0.011U	<0.021U	<0.011U	-	-	-	-	-	-	<0.35U	<0.35U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.032U	<0.026U	<1.1U	<0.021U	<0.026U	<0.019U	<0.019U	<0.02U	<0.12U	<0.19U	<0.066U	-	<0.39U	<0.11U	<0.71U	<0.029U	<0.02U	<0.014U	<0.025U	<0.12U	<0.02U	<0.29U
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.032U	<0.026U	<1.1U	<0.021U	<0.026U	<0.019U	<0.019U	<0.02U	<0.12U	<0.19U	<0.066U	-	<0.39U	<0.11U	<0.71U	<0.029U	<0.019U	<0.014U	<0.025U	<0.12U	<0.02U	<0.29U
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.032U	<0.026U	<1.1U	<0.021U	<0.026U	<0.019U	<0.02U	<0.02U	<0.12U	<0.19U	<0.067U	-	<0.39U	<0.11U	<0.72U	<0.029U	<0.02U	<0.014U	<0.025U	<0.12U	<0.02U	<0.29U
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	<0.15U	<0.12U	<5.4U	<0.1U	<0.12U	<0.092U	<0.093U	0.58	<0.57U	<0.91U	<0.32U	-	<1.9U	<0.51U	<3.4U	<0.14U	<0.094U	<0.067U	<0.12U	<0.59U	<0.097U	<1.4U
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	<0.029U	<0.024U	<1U	<0.019U	<0.024U	<0.017U	<0.018U	0.12	<0.11U	<0.17U	<0.061U	-	<0.36U	<0.097U	<0.66U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	0.039J	<0.11U	<0.18U	<0.061U	-	<0.36U	<0.098U	<0.66U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	<0.028U	<0.023U	<0.98U	<0.018U	<0.023U	<0.017U	<0.017U	0.069J	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.093U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	<0.028U	<0.022U	<0.96U	<0.018U	<0.022U	<0.016U	<0.017U	<0.017U	<0.1U	<0.16U	<0.057U	-	<0.33U	<0.091U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.017U	<0.25U
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.029U	<0.023U	<1U	<0.019U	<0.023U	<0.017U	<0.017U	0.033J	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.095U	<0.65U	<0.026U	<0.018U	<0.012U	<0.023U	<0.11U	<0.018U	<0.26U
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	<0.03U	<0.024U	<1.1U	<0.02U	<0.024U	<0.018U	<0.018U	<0.019U	<0.11U	<0.18U	<0.063U	-	<0.37U	<0.1U	<0.68U	<0.027U	<0.018U	<0.013U	<0.024U	<0.12U	<0.019U	<0.28U
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	<0.029U	<0.023U	<1U	<0.019U	<0.023U	<0.017U	<0.018U	<0.018U	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.096U	<0.65U	<0.026U	<0.018U	<0.013U	<0.023U	<0.11U	<0.018U	<0.27U
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	<0.028U	<0.022U	<0.97U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.16U	<0.057U	-	<0.34U	<0.091U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.017U	<0.25U
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	<0.027U	<0.022U	<0.95U	<0.018U	<0.022U	<0.016U	<0.016U	<0.017U	<0.1U	<0.16U	<0.056U	-	<0.33U	<0.09U	<0.61U	<0.025U	<0.017U	<0.012U	<0.021U	<0.1U	<0.017U	<0.25U
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	<0.028U	<0.022U	<0.97U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.16U	<0.058U	-	<0.34U	<0.092U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.25U
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	<0.028U	<0.023U	<0.99U	<0.018U	<0.023U	<0.017U	<0.017U	0.044J	<0.11U	<0.17U	<0.059U	-	<0.34U	<0.094U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	<0.028U	<0.023U	<0.98U	<0.018U	<0.023U	<0.017U	<0.017U	0.019J	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.093U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	<0.027U	<0.022U	<0.95U	<0.018U	<0.022U	<0.016U	<0.016U	<0.017U	<0.1U	<0.16U	<0.056U	-	<0.33U	<0.09U	<0.61U	<0.025U	<0.017U	<0.012U	<0.021U	<0.1U	<0.017U	<0.25U
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	<0.03U	<0.024U	<1.1U	<0.019U	<0.024U	<0.018U	<0.018U	0.023J	<0.11U	<0.18U	<0.062U	-	<0.36U	<0.099U	<0.67U	<0.027U	<0.018U	<0.013U	<0.024U	<0.11U	<0.019U	<0.27U
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	<0.027U	<0.022U	<0.93U	<0.017U	<0.021U	<0.016U	<0.016U	<0.017U	<0.1U	<0.16U	<0.055U	-	<0.32U	<0.088U	<0.6U	<0.024U	<0.016U	<0.012U	<0.021U	<0.1U	<0.017U	<0.24U
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	<0.028U	<0.022U	<0.96U	<0.018U	<0.022U	<0.016U	<0.017U	<0.017U	<0.1U	<0.16U	<0.057U	-	<0.33U	<0.091U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.017U	<0.25U
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	<0.028U	<0.023U	<0.98U	<0.018U	<0.023U	<0.017U	<0.017U	0.056J	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.093U	<0.63U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	<0.028U	<0.022U	<0.97U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.16U	<0.058U	-	<0.34U	<0.092U	<0.62U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.25U
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	<0.018U	<0.11U	<0.18U	<0.061U	-	<0.36U	<0.098U	<0.66U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	<0.028U	<0.023U	<0.98U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.093U	<0.63U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	<0.019U	<0.11U	<0.18U	<0.062U	-	<0.36U	<0.098U	<0.67U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	<0.056U	<0.045U	<1.9U	<0.036U	<0.045U	<0.033U	<0.034U	<0.035U	<0.21U	<0.33U	<0.12U	-	<0.68U	<0.18U	<1.2U	<0.051U	<0.034U	<0.024U	<0.044U	<0.21U	<0.035U	<0.51U
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	<0.028U	<0.023U	<0.99U	<0.018U	<0.023U	<0.017U	<0.017U	<0.018U	<0.11U	<0.17U	<0.058U	-	<0.34U	<0.093U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	<0.028U	<0.023U	<0.98U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.092U	<0.63U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.25U
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	<0.028U	<0.023U	<0.99U	<0.018U	<0.023U	<0.017U	<0.017U	<0.018U	<0.11U	<0.17U	<0.059U	-	<0.34U	<0.094U	<0.64U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	<0.028U	<0.023U	<0.99U	<0.018U	<0.023U	<0.017U	<0.017U	<0.018U	<0.11U	<0.17U	<0.059U	-	<0.34U	<0.094U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	<0.028U	<0.023U	<0.98U	<0.018U	<0.022U	<0.017U	<0.017U	<0.017U	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.093U	<0.63U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	<0.058U	0.074J	<2U	<0.037U	<0.046U	<0.034U	<0.035U	1.3	<0.22U	<0.34U	<0.12U	-	<0.7U	<0.19U	<1.3U	<0.052U	<0.035U	<0.025U	<0.045U	<0.22U	<0.036U	<0.53U
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	<0.028U	<0.023U	<0.98U	<0.018U	<0.022U	<0.017U	<0.017U	0.26	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.092U	<0.63U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.25U
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	<0.027U	<0.022U	<0.95U,F1	<0.018U	<0.022U	<0.016U	<0.016U,F2	<0.017U	<0.1U,F2	<0.16U	<0.056U,F2	-	<0.33U	<0.09U	<0.61U,F2	<0.025U	<0.017U	<0.012U	<0.021U	<0.1U	<0.017U	<0.25U
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	<0.056U	<0.045U	<2U	<0.036U	<0.045U	<0.033U	<0.034U	0.054J	<0.21U	<0.33U	<0.12U	-	<0.68U	<0.18U	<1.3U	<0.051U	<0.034U	<0.024U	<0.044U	<0.21U	<0.035U	<0.51U
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	<0.029U	<0.023U	<1U	<0.019U	<0.023U	<0.017U	<0.017U	<0.018U	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.096U	<0.65U	<0.026U	<0.018U	<0.013U	<0.023U	<0.11U	<0.018U	<0.26U
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	<0.028U	<0.023U	<0.99U	<0.018U	<0.023U	<0.017U	<0.017U	0.026J	<0.11U	<0.17U	<0.059U	-	<0.34U	<0.094U	<0.63U	<0.026U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	<0.057U	<0.046U	<2U	<0.037U	<0.046U	<0.034U	<0.035U	0.058J	<0.21U	<0.34U	<0.12U	-	<0.69U	<0.19U	<1.3U	<0.052U	<0.035U	<0.025U	<0.045U	<0.22U	<0.036U	<0.52U
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	<0.027U	<0.021U	<0.93U	<0.017U	<0.021U	<0.016U	<0.016U	0.023J	<0.099U	<0.16U	<0.055U	-	<0.32U	<0.088U	<0.6U	<0.024U	<0.016U	<0.012U	<0.021U	<0.1U	<0.017U	<0.24U
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	<0.027U	<0.021U	<0.93U	<0.017U	<0.021U	<0.016U	<0.016U	<0.017U	<0.099U	<0.16U	<0.055U	-	<0.32U	<0.088U	<0.6U	<0.024U	<0.016U	<0.012U	<0.021U	<0.1U	<0.017U	<0.24U
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	<0.031U	<0.025U	<1.1U	<0.02U	<0.025U	<0.018U	<0.019U	<0.019U	<0.11U	<0.18U	<0.063U	-	<0.37U	<0.1U	<0.69U	<0.028U	<0.019U	<0.013U	<0.024U	<0.12U	<0.019U	<0.28U
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	<0.029U	<0.023U	<1U	<0.019U	<0.023U	<0.017U	<0.017U	<0.018U	<0.11U	<0.17U	<0.059U	-	<0.35U	<0.095U	<0.64U	<0.026U	<0.018U	<0.012U	<0.023U	<0.11U	<0.018U	<0.26U
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	<0.028U	<0.023U	<0.98U	<0.018U	<0.022U	<0.017U	<0.017U	0.046J	<0.1U	<0.17U	<0.058U	-	<0.34U	<0.092U	<0.63U	<0.025U	<0.017U	<0.012U	<0.022U	<0.11U	<0.018U	<0.26U
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	<0.03U	<0.024U	<1U	<0.019U	<0.024U	<0.018U	<0.018U	0.063J	<0.11U	<0.18U	<0.061U	-	<0.36U	<0.098U	<0.67U	<0.027U	<0.018U	<0.013U	<0.023U	<0.11U	<0.019U	<0.27U
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	<0.029U	<0.024U	<1U	<0.019U	<0.023U	<0.017U	<0.018U	0.064J	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.096U	<0.65U	<0.026U	<0.018U	<0.013U	<0.023U	<0.11U	<0.018U	<0.27U
SSHS-B28	B23428	5/8/2000	4-8	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B28	B23429	5/8/2000	8-12	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	<0.03U	<0.024U	<1.1U	<0.02U	<0.024U	<0.018U	<0.018U	<0.019U	<0.11U	<0.18U	<0.063U	-	<0.37U	<0.1U	<0.68U	<0.027U	<0.018U	<0.013U	<0.024U	<0.12U	<0.019U	<0.28U
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	<0.029U	<0.023U	<1U	<0.019U	<0.023U	<0.017U	<0.018U	0.53	<0.11U	<0.17U	<0.06U	-	<0.35U	<0.096U	<0.65U	<0.026U	<0.018U	<0.013U	<0.023U	<0.11U	<0.018U	<0.26U
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	<0.085U	<0.068U	<3U	<0.055U	<0.068U	<0.05U	<0.051U	0.11J	<0.32U	<0.5U	<0.18U	-	<1U	<0.28U	<1.9U	<0.077U	<0.052U	<0.037U	<0.067U	<0.32U	0.14J	<0.77U
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	<0.03U	<0.024U	<1.1U	<0.02U	<0.024U	<0.018U	<0.018U	0.15	<0.11U	<0.18U	<0.063U	-	<0.37U	<0.1U	<0.68U	<0.028U	<0.019U	<0.013U	<0.024U	<0.12U	<0.019U	<0.28U
SSHS-B29	B23430	5/8/2000	1-4	-	-	-	-	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	<0.36U	-	-
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.02J	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.0069U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.15U	<0.038U	-	<0.036U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.038U	<0.034U	<0.14U	<0.13U
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B3	B23489	5/12/2000	4-8	-	-	-	-	-	-	-	-	<0.42U	-	-	-	-	-	-	-	-	-	-	<0.42U	-	-
SSHS-B30	B23431	5/8/2000	1-4	-	-	-	-	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	<0.36U	-	-
SSHS-B30	B23432	5/8/2000	4-8	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B32	B23433	5/8/2000	1-4	-	-	-	-	-	-	-	-	<0.35U	-	-	-	-	-	-	-	-	-	-	<0.35U	-	-
SSHS-B34	B23434	5/9/2000	1-4	-	-	-	-	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	<0.36U	-	-
SSHS-B34	B23435	5/9/2000	4-6	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B35	B23444	5/9/2000	2-4	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	-	<0.35U	<1.8U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<1.8U
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.34U	<0.34U	<1.8U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<1.8U	<0.34U	-	<0.34U	<1.8U	<1.8U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<1.8U	<1.8U
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	-	<0.35U	<1.8U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<1.8U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.024U	<0.018U	<0.023U	<0.022U	<0.18U	0.022J	<0.051U,*	0.023J	0.028J	0.024J	<0.025U	-	<0.02U	<0.015U	<0.031U	<0.44U	<0.28U	<0.27U	<0.019U	0.019J	<0.019U	<0.018U
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.024U	<0.018U	<0.022U	<0.021U	<0.18U	0.035J	<0.051U,*	0.035J	0.048J	0.034J	<0.025U	-	<0.02U	<0.015U	<0.031U	<0.44U	<0.28U	<0.27U	<0.019U	0.032J	<0.018U	<0.018U
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.024U	0.025J	<0.023U	0.046J	<0.18U	0.11	<0.052U,*	0.1	0.12	0.08J	0.06J	-	<0.02U	<0.015U	<0.031U	<0.45U	<0.29U	<0.27U	<0.02U	0.11	0.027J	<0.018U
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	0.43	0.71	<0.11U	1.7	<0.88U	3.5	<0.25U,*	3.1	4.1	2.9	1.2	-	<0.095U	<0.073U	<0.15U	<2.1U	<1.4U	<1.3U	0.72	3.1	0.73	0.53J
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	0.096	0.11	<0.021U	0.36	<0.17U	0.97	<0.047U,*	0.86	1.1	0.66	0.41	-	<0.018U	<0.014U	<0.028U	<0.41U	<0.26U	<0.25U	0.14	0.97	0.22	0.08J
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	0.024J	<0.017U	<0.021U	0.026J	<0.17U	0.038J	<0.048U,*	0.028J	0.053J	0.037J	<0.023U	-	<0.018U	<0.014U	<0.028U	<0.41U	<0.26U	<0.25U	<0.018U	0.037J	<0.017U	0.017J
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	0.058J	0.077	<0.02U	0.16	<0.16U	0.39	<0.045U,*	0.36	0.57	0.31	0.16	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	0.073	0.37	0.086	0.042J
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	<0.021U	<0.016U	<0.019U	<0.019U	<0.16U	<0.014U	<0.045U,F1,F2,*	<0.016U	<0.018U	<0.015U	<0.022U	-	<0.017U	<0.013U	<0.027U	<0.38U	<0.25U	<0.23U	<0.017U	<0.014U	<0.016U	<0.016U
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.022U	0.034J	<0.02U	0.041J	<0.16U	0.11	<0.046U,*	0.097	0.14	0.085	0.061J	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.24U	<0.018U	0.11	0.025J	0.018J
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	<0.023U	0.046J	<0.021U	0.051J	<0.17U	0.2	<0.049U,*	0.17	0.2	0.14	0.077J	-	<0.019U	<0.014U	<0.029U	<0.42U	<0.27U	<0.26U	<0.018U	0.22	0.048J	<0.017U
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	<0.022U	<0.017U	<0.021U	<0.02U	<0.17U	0.022J	<0.047U	0.021J	0.03J	0.021J	<0.023U	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.25U	<0.018U	0.034J	<0.017U	<0.017U
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	0.019J	<0.045U	0.016J	<0.018U	<0.016U	<0.022U	-	<0.017U	<0.013U	<0.027U	<0.38U	<0.25U	<0.23U	<0.017U	0.016J	<0.016U	<0.016U
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	<0.02U	<0.015U	<0.019U	0.037J	<0.15U	0.095	<0.044U	0.073	0.094	0.061J	0.037J	-	<0.017U	<0.013U	<0.026U	<0.38U	<0.24U	<0.23U	<0.017U	0.089	<0.016U	<0.015U
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	<0.021U	<0.016U	<0.02U	0.021J	<0.16U	0.063J	<0.045U	0.072J	0.088	0.064J	0.025J	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.11	<0.016U	<0.016U
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	0.097	0.018J	<0.02U	0.29	<0.16U	0.67	<0.046U	0.63	0.83	0.46	0.21	-	<0.018U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	0.1	0.73	0.11	0.055J
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	0.048J	<0.016U	<0.02U	0.1	<0.16U	0.17	<0.045U	0.15	0.19	0.11	0.058J	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	0.045J	0.17	0.051J	0.03J
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	<0.02U	<0.015U	<0.019U	0.038J	<0.15U	0.081	<0.044U	0.079	0.086	0.063J	0.038J	-	<0.017U	<0.013U	<0.026U	<0.38U	<0.24U	<0.23U	<0.017U	0.086	<0.016U	<0.015U
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	0.022J	0.033J	<0.021U	0.062J	<0.17U	0.23	<0.048U,F1,*	0.22	0.3	0.2	0.14	-	<0.019U	<0.014U	<0.029U	<0.42U	<0.27U	<0.25U	0.024J	0.25	0.034J	<0.017U
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	<0.02U	<0.015U	<0.019U	<0.018U	<0.15U	<0.013U	<0.043U,*	<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	<0.015U
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	<0.021U	<0.016U	<0.019U	<0.019U	<0.16U	<0.014U	<0.044U,*	<0.016U	<0.018U	<0.015U	<0.021U	-	<0.017U	<0.013U	<0.027U	<0.38U	<0.25U	<0.23U	<0.017U	<0.014U	<0.016U	<0.016U
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	<0.021U	<0.016U	<0.02U	0.019J	<0.16U	0.11	<0.045U,*	0.11	0.16	0.12	0.046J	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.19	0.036J	0.022J
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	0.044J	<0.045U,*	0.04J	0.046J	0.032J	0.028J	-	<0.017U	<0.013U	<0.027U	<0.38U	<0.25U	<0.24U	<0.017U	0.058J	<0.016U	<0.016U
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	<0.022U	<0.017U	<0.021U	<0.02U	<0.17U	<0.015U	<0.048U,*	<0.017U	<0.019U	<0.017U	<0.023U	-	<0.018U	<0.014U	<0.028U	<0.41U	<0.26U	<0.25U	<0.018U	<0.015U	<0.017U	<0.017U
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	<0.014U	<0.045U,*	<0.016U	<0.018U	<0.016U	<0.022U	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	<0.014U	<0.016U	<0.016U
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	<0.022U	<0.017U	<0.021U	<0.02U	<0.17U	0.044J	<0.048U,F1	0.046J	0.041J	0.035J	0.04J	-	<0.018U	<0.014U	<0.029U	<0.41U	<0.27U	<0.25U	<0.018U	0.05J	<0.017U	<0.017U
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	<0.042U	0.044J	<0.039U	0.061J	<0.32U	0.15	<0.09U	0.15	0.19	0.14J	0.078J	-	<0.035U	<0.026U	<0.054U	<0.77U	<0.5U	<0.47U	<0.034U	0.18	<0.032U	<0.032U
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	<0.021U	0.021J	<0.02U	0.027J	<0.16U	0.079	<0.045U	0.071J	0.11	0.074	0.032J	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.093	<0.016U	<0.016U
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	0.044J	<0.045U	0.036J	0.037J	0.028J	0.022J	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.035J	<0.016U	<0.016U
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	<0.021U	0.033J	<0.02U	0.028J	<0.16U	0.096	<0.046U	0.091	0.12	0.071J	0.062J	-	<0.018U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.1	0.051J	<0.016U
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	<0.021U	<0.016U	<0.02U	0.036J	<0.16U	0.087	<0.046U	0.078	0.087	0.055J	0.054J	-	<0.018U	<0.013U	<0.027U	2.6J	<0.25U	<0.24U	<0.017U	0.083	<0.016U	<0.016U
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	0.03J	<0.045U	0.023J	0.026J	0.02J	<0.022U	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.024J	<0.016U	<0.016U
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	0.63	1.3	<0.041U	2.7	<0.33U	4.8	<0.093U	3.6	4.9	4.6	2.4	-	<0.036U	<0.027U	<0.056U	<0.8U	<0.52U	<0.49U	0.71	5.1	0.92	2.5
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	0.038J	0.13	<0.02U	0.29	<0.16U	0.48	<0.045U	0.42	0.52	0.38	0.2	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	0.086	0.55	0.092	0.15J
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	<0.02U	<0.015U	<0.019U	<0.018U	<0.15U,F2	<0.013U	<0.044U,F1	<0.015U,F2	<0.017U,F2	<0.015U,F2	<0.021U,F2	-	<0.017U	<0.013U	<0.026U	<0.38U	<0.24U	<0.23U	<0.017U	<0.014U	<0.016U,F2	<0.015U
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	<0.042U	0.22	<0.039U	0.19	<0.32U	0.59	<0.09U	0.53	0.71	0.51	0.24	-	<0.035U	<0.026U	<0.054U	<0.77U	<0.5U	<0.47U	<0.034U	0.68	<0.032U	0.057J
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	<0.022U	<0.016U	<0.02U	<0.02U	<0.16U	0.027J	<0.047U	0.022J	0.026J	<0.016U	<0.023U	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.24U	<0.018U	0.027J	<0.017U	<0.016U
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	<0.021U	<0.016U	<0.02U	0.028J	<0.16U	0.11	<0.046U	0.1	0.15	0.093	0.03J	-	<0.018U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.14	<0.016U	<0.016U
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	<0.043U	0.44	<0.04U	0.32	<0.33U	1.2	<0.092U	1.5	2.1	1.4	0.41	-	<0.035U	<0.027U	<0.055U	<0.79U	<0.51U	<0.48U	0.064J	1.2	0.31	0.083J
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	<0.02U	<0.015U	<0.019U	0.032J	<0.15U	0.047J	<0.043U	<0.015U	<0.017U	<0.015U	<0.021U	-	<0.016U	<0.013U	<0.026U	<0.37U	<0.24U	<0.23U	<0.016U	0.073	<0.015U	<0.015U
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	<0.02U	<0.015U	<0.019U	<0.018U	<0.15U	<0.013U	<0.043U	<0.015U	<0.017U	<0.015U	<0.021U	-	<0.017U	<0.013U	<0.026U	<0.37U	<0.24U	<0.23U	<0.016U	<0.014U	<0.015U	<0.015U
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	<0.023U	<0.017U	<0.022U	<0.021U	<0.17U	<0.015U	<0.049U	<0.017U	<0.02U	<0.017U	<0.024U	-	<0.019U	<0.014U	<0.03U	<0.42U	<0.27U	<0.26U	<0.019U	<0.016U	<0.018U	<0.017U
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	<0.021U	<0.016U	<0.02U	<0.019U	<0.16U	<0.014U	<0.046U	<0.016U	<0.018U	<0.016U	<0.022U	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.24U	<0.017U	<0.015U	<0.017U	<0.016U
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	<0.021U	0.058J	<0.02U	0.044J	<0.16U	0.11	<0.045U,*	0.094	0.13	0.094	0.049J	-	<0.017U	<0.013U	<0.027U	<0.39U	<0.25U	<0.24U	<0.017U	0.2	0.034J	0.02J
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	0.053J	0.062J	<0.021U	0.053J	<0.17U	0.45	<0.048U,*	<0.017U	0.34	0.11	<0.023U	-	<0.018U	<0.014U	<0.029U	<0.41U	<0.27U	<0.25U	<0.018U	1.6	<0.017U	<0.017U
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	0.04J	0.045J	<0.021U	0.047J	<0.17U	0.69	<0.047U,*	0.21	0.17	0.16	0.24	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.25U	<0.018U	1.1	0.058J	<0.017U
SSHS-B28	B23428	5/8/2000	4-8	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	-	-	-	-	-	-	-	-	<0.37U	<0.37U	<0.37U
SSHS-B28	B23429	5/8/2000	8-12	<0.39U	<0.39U	-	<0.39U	-	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U	-	-	-	-	-	-	-	-	<0.39U	<0.39U	<0.39U
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	0.034J	0.045J	<0.021U	0.14	<0.17U	0.35	0.099J,*	0.3	0.32	0.21	0.16	-	<0.019U	<0.014U	<0.029U	<0.42U	<0.27U	<0.26U	0.052J	0.29	0.058J	0.021J
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	0.034J	0.44	<0.02U	0.32	<0.16U	0.75	<0.047U,*	1	1.3	1.3	0.38	-	<0.018U	<0.014U	<0.028U	<0.4U	<0.26U	<0.25U	0.17	0.85	0.27	0.29J
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	0.1J	0.1J	<0.06U	0.36	<0.48U	0.64	<0.14U,*	0.62	0.74	0.45	0.31	-	<0.052U	<0.04U	<0.081U	<1.2U	<0.76U	<0.72U	0.15J	0.71	0.19J	0.079J
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	0.1	0.1	<0.021U	0.33	<0.17U	0.59	<0.049U,*	0.52	0.62	0.4	0.27	-	<0.019U	<0.014U	<0.029U	<0.42U	<0.27U	<0.26U	0.13	0.57	0.13	0.11J
SSHS-B29	B23430	5/8/2000	1-4	<0.36U	<0.36U	-	<0.36U	-	0.043J	-	0.055J	0.047J	0.044J	0.039J	-	-	-	-	-	-	-	-	0.062J	<0.36U	<0.36U
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.007U	<0.0084U	<0.03U	<0.01J	<0.036U	<0.045J	<0.055U	<0.038J	<0.058J	<0.03J	<0.015J	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	<0.047J	<0.0081U	<0.036U
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.0066U	<0.0079U	<0.028U	<0.0067U	<0.034U	<0.0086U	<0.052U	<0.0069U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0092U	<0.0074U	<0.056U	<0.047U	<0.26U	<0.0063U	<0.0082U	<0.0077U	<0.034U
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.017J	<0.054U	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.024U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.018J	<0.0079U	<0.035U
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.0067U	<0.0079U	<0.029U	<0.0086J	<0.034U	<0.023J	<0.052U	<0.0069U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.047U	<0.26U	<0.0064U	<0.019J	<0.0077U	<0.034U
SSHS-B3	B23489	5/12/2000	4-8	<0.42U	0.06J	-	0.06J	-	0.28J	-	0.29J	0.29J	0.25J	0.24J	-	-	-	-	-	-	-	-	0.27J	0.078J	<0.42U
SSHS-B30	B23431	5/8/2000	1-4	<0.36U	<0.36U	-	<0.36U	-	0.062J	-	<0.063J	0.058J	0.048J	0.068J	-	-	-	-	-	-	-	-	0.073J	<0.36U	<0.36U
SSHS-B30	B23432	5/8/2000	4-8	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	-	<0.38U	<0.38U	<0.38U
SSHS-B32	B23433	5/8/2000	1-4	<0.35U	<0.35U	-	<0.35U	-	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	-	-	-	-	-	-	-	-	<0.35U	<0.35U	<0.35U
SSHS-B34	B23434	5/9/2000	1-4	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	-	-	-	-	-	-	-	-	<0.36U	<0.36U	<0.36U
SSHS-B34	B23435	5/9/2000	4-6	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	-	-	-	-	-	-	-	-	<0.37U	<0.37U	<0.37U
SSHS-B35	B23444	5/9/2000	2-4	0.11J	<0.4U	-	0.23J	-	0.38J	-	0.32J	0.31J	0.24J	0.23J	-	-	-	-	-	-	-	-	0.47	0.099J	0.079J
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.35U	<0.35U	-	<0.35U	-	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.34U	<0.34U	-	<0.34U	-	<0.34U	-	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	-	<0.34U	<0.34U	<0.34U	<0.34U
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.35U	<0.35U	-	<0.35U	-	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																							VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2714	SSHS-B2714-SUB-0.17-2	5/15/2019	0.17-2	<0.15U	<0.015U	<0.18U	<0.24U	0.028J	<0.016U	<0.03U	<0.024U	<0.042U	<0.021U	0.019J	<0.021U	<0.016U	<0.15U	<0.028U	<0.14U	<0.67U	<0.022U	<0.13U	0.026J	-	<0.0012U	-
SSHS-B2715	SSHS-B2715-SUB-0.17-2	5/15/2019	0.17-2	<0.15U	<0.015U	<0.18U	<0.24U	0.062J	<0.016U	<0.03U	<0.024U	<0.042U	<0.021U	0.028J	<0.021U	<0.016U	<0.15U	<0.028U	<0.14U	<0.66U	0.027J	<0.13U	0.048J	-	<0.0012U	-
SSHS-B2716	SSHS-B2716-SUB-0.17-2	5/15/2019	0.17-2	<0.15U	<0.015U	<0.18U	<0.24U	0.22	<0.016U	<0.03U	<0.025U	<0.043U	<0.022U	0.074J	<0.021U	<0.016U	<0.15U	<0.028U	<0.14U	<0.67U	0.15	<0.13U	0.18	-	<0.0013U	-
SSHS-B2717	SSHS-B2717-SUB-0.17-2	5/17/2019	0.17-2	<0.7U	<0.073U	<0.88U	<1.2U	7.5	0.56	<0.14U	<0.12U	<0.2U	<0.1U	2.4	<0.1U	1.3	<0.73U	<0.14U	<0.67U	<3.2U	5.3	<0.61U	5.7	-	<0.0012U	-
SSHS-B2718	SSHS-B2718-SUB-0.17-2	5/16/2019	0.17-2	<0.13U	<0.014U	<0.17U	<0.22U	2	0.099	<0.027U	<0.022U	<0.039U	<0.02U	0.61	<0.019U	0.13	<0.14U	<0.026U	<0.13U	<0.61U	1.3	<0.12U	1.5	-	<0.0011U	-
SSHS-B2719	SSHS-B2719-SUB-0.17-2	5/14/2019	0.17-2	<0.13U	<0.014U	<0.17U	<0.22U	0.083	0.021J	<0.028U	<0.022U	<0.039U	<0.02U	0.034J	<0.02U	0.074J	<0.14U	<0.026U	<0.13U	<0.62U	0.081	<0.12U	0.064J	-	<0.0012U	-
SSHS-B2720	SSHS-B2720-SUB-0.17-2	5/14/2019	0.17-2	<0.13U	<0.013U	<0.16U	<0.21U	0.81	0.05J	<0.026U	<0.021U	<0.037U	<0.019U	0.27	<0.019U	0.069J	<0.13U	<0.025U	<0.12U	<0.59U	0.5	<0.11U	0.64	-	<0.0011U	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/15/2019	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0011U	-
SSHS-B2720	SSHS-B2720-SUB-14-16	5/17/2019	14-16	<0.13U	<0.013U	<0.16U	<0.21U	<0.019U	<0.014U	<0.026U	<0.021U	<0.037U	<0.018U	<0.015U	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.58U	<0.019U	<0.11U	<0.017U	-	-	-
SSHS-B2721	SSHS-B2721-SUB-0.17-2	5/14/2019	0.17-2	<0.13U	<0.014U	<0.16U	<0.22U	0.19	0.022J	<0.027U	<0.022U	<0.038U	<0.019U	0.076	<0.019U	0.03J	<0.14U	<0.025U	<0.12U	<0.6U	0.11	<0.11U	0.15	-	<0.0011U	-
SSHS-B2729	SSHS-B2729-SUB-4-6	5/21/2019	4-6	<0.14U	<0.014U	<0.17U	<0.23U	0.3	0.016J	<0.028U	<0.023U	<0.04U	<0.02U	0.12	<0.02U	0.017J	<0.14U	<0.027U	<0.13U	<0.63U	0.19	<0.12U	0.38	-	<0.0014U	-
SSHS-B2746	SSHS-B2746-SUB-0.17-2	4/22/2019	0.17-2	<0.13U	<0.014U	<0.17U	<0.22U	0.032J	<0.015U	<0.027U	<0.022U	<0.039U	<0.019U	<0.015U	<0.019U	<0.015U	<0.14U	<0.026U	<0.13U	<0.61U	0.028J	<0.11U	0.032J	-	<0.0012U	-
SSHS-B2746	SSHS-B2746-SUB-10-12	4/22/2019	10-12	<0.13U	<0.013U	<0.16U	<0.21U	0.032J	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	<0.015U	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.58U	0.027J	<0.11U	0.027J	-	<0.0011U	-
SSHS-B2746	SSHS-B2746-SUB-12-14	4/22/2019	12-14	<0.12U	<0.013U	<0.15U	<0.21U	0.18	<0.014U	<0.025U	<0.021U	<0.036U	<0.018U	0.053J	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.57U	0.14	<0.11U	0.17	-	<0.0011U	-
SSHS-B2746	SSHS-B2746-SUB-2-4	4/22/2019	2-4	<0.13U	<0.013U	<0.16U	<0.21U	0.097	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	0.053J	<0.018U	0.025J	<0.13U	<0.025U	<0.12U	<0.58U	0.09	<0.11U	0.1	-	<0.0011U	-
SSHS-B2746	SSHS-B2746-SUB-4-6	4/22/2019	4-6	<0.13U	<0.013U	<0.16U	<0.21U	1.6	0.076	<0.026U	<0.022U	<0.038U	<0.019U	0.37	<0.019U	0.061J	<0.13U	<0.025U	<0.12U	<0.59U	1.1	<0.11U	1.3	-	<0.0011U	-
SSHS-B2746	SSHS-B2746-SUB-6-8	4/22/2019	6-8	<0.13U	<0.013U	<0.16U	<0.21U	0.4	0.041J	<0.026U	<0.021U	<0.037U	<0.019U	0.086	<0.019U	0.027J	<0.13U	<0.025U	<0.12U	<0.59U	0.36	<0.11U	0.35	-	<0.0011U	-
SSHS-B2746	SSHS-B2746-SUB-8-10	4/22/2019	8-10	<0.12U	<0.013U	<0.15U	<0.21U	0.18	<0.014U	<0.025U	<0.021U	<0.036U	<0.018U	0.054J	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.57U	0.14	<0.11U	0.15	-	<0.0011U	-
SSHS-B2750	SSHS-B2750-SUB-0.17-2	4/23/2019	0.17-2	<0.14U	<0.014U	<0.17U	<0.23U	0.48	0.017J	<0.028U	<0.023U	<0.04U	<0.02U	0.17	<0.02U	0.029J	<0.14U	<0.026U	<0.13U	<0.63U	0.25	<0.12U	0.39	-	<0.0012U	-
SSHS-B2750	SSHS-B2750-SUB-10-12	4/23/2019	10-12	<0.12U	<0.013U	<0.15U	<0.2U	<0.018U	<0.014U	<0.025U	<0.02U	<0.036U	<0.018U	<0.014U	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.56U	<0.019U	<0.11U	<0.016U	-	<0.001U	-
SSHS-B2750	SSHS-B2750-SUB-12-14	4/23/2019	12-14	<0.13U	<0.013U	<0.16U	<0.21U	<0.019U	<0.014U	<0.026U	<0.021U	<0.037U	<0.018U	<0.014U	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U	<0.58U	<0.019U	<0.11U	<0.017U	-	<0.0011U	-
SSHS-B2750	SSHS-B2750-SUB-2-4	4/23/2019	2-4	<0.13U	<0.013U	<0.16U	<0.21U	0.21	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	0.082	<0.019U	0.037J	<0.13U	<0.025U	<0.12U	<0.59U	0.22	<0.11U	0.16	-	<0.0011U	-
SSHS-B2750	SSHS-B2750-SUB-4-6	4/23/2019	4-6	<0.13U	<0.013U	<0.16U	<0.21U	0.089	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	0.028J	<0.018U	<0.014U	<0.13U	<0.025U	<0.12U	<0.58U	0.05J	<0.11U	0.079	-	<0.0012U	-
SSHS-B2750	SSHS-B2750-SUB-6-8	4/23/2019	6-8	<0.13U	<0.014U	<0.17U	<0.22U	<0.02U	<0.015U	<0.028U	<0.022U	<0.039U	<0.02U	<0.016U	<0.02U	<0.015U	<0.14U	<0.026U	<0.13U	<0.62U	<0.021U	<0.12U	<0.018U	-	<0.0012U	-
SSHS-B2750	SSHS-B2750-SUB-8-10	4/23/2019	8-10	<0.13U	<0.013U	<0.16U	<0.21U	<0.019U	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	<0.015U	<0.019U	<0.014U	<0.13U	<0.025U	<0.12U	<0.59U	<0.02U	<0.11U	<0.017U	-	<0.0011U	-
SSHS-B2751	SSHS-B2751-SUB-0.17-2	4/22/2019	0.17-2	<0.14U	<0.014U	<0.17U	<0.23U	0.088	<0.015U	<0.028U	<0.023U	<0.04U	<0.02U	0.026J	<0.02U	<0.015U	<0.14U	<0.026U	<0.13U	<0.62U	0.048J	<0.12U	0.075J	-	<0.0012U	-
SSHS-B2751	SSHS-B2751-SUB-10-12	4/22/2019	10-12	<0.25U	<0.026U	<0.32U	<0.42U	0.24	<0.028U	<0.052U	<0.042U	<0.074U	<0.037U	0.12J	<0.037U	<0.028U	<0.26U	<0.049U	<0.24U	<1.2U	0.13J	<0.22U	0.2	-	<0.0011U	-
SSHS-B2751	SSHS-B2751-SUB-12-14	4/22/2019	12-14	<0.13U	<0.013U	<0.16U	<0.21U	0.13	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	0.057J	<0.019U	0.017J	<0.13U	<0.025U	<0.12U	<0.59U	0.072J	<0.11U	0.12	-	<0.0011U	-
SSHS-B2751	SSHS-B2751-SUB-2-4	4/22/2019	2-4	<0.13U	<0.013U	<0.16U	<0.21U	0.051J	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	<0.015U	<0.018U	<0.014U	<0.13U	<0.025U	<0.12U	<0.58U	0.03J	<0.11U	0.043J	-	<0.0011U	-
SSHS-B2751	SSHS-B2751-SUB-4-6	4/22/2019	4-6	<0.13U	<0.013U	<0.16U	<0.21U	0.13	<0.014U	<0.026U	<0.022U	<0.038U	<0.019U	0.065J	<0.019U	<0.014U	<0.13U	<0.025U	<0.12U	<0.59U	0.061J	<0.11U	0.12	-	<0.0011U	-
SSHS-B2751	SSHS-B2751-SUB-6-8	4/22/2019	6-8	<0.13U	<0.013U	<0.16U	<0.21U	0.19	<0.014U	<0.026U	<0.022U	<0.038U	<0.019U	0.049J	<0.019U	<0.014U	<0.13U	<0.025U	<0.12U	<0.59U	0.15	<0.11U	0.16	-	<0.0011U	-
SSHS-B2751	SSHS-B2751-SUB-8-10	4/22/2019	8-10	<0.13U	<0.013U	<0.16U	<0.21U	0.048J	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	<0.015U	<0.019U	<0.014U	<0.13U	<0.025U	<0.12U	<0.58U	0.032J	<0.11U	0.045J	-	<0.0011U	-
SSHS-B2755	SSHS-B2755-SUB-10-12	4/26/2019	10-12	<0.26U	<0.027U	<0.33U	<0.44U	17	2	<0.054U	<0.044U	<0.077U	<0.039U	4	<0.038U	3.9	<0.27U	<0.051U	<0.25U	<1.2U	8.7	<0.23U	12	-	<0.0011U	-
SSHS-B2755	SSHS-B2755-SUB-12-14	4/26/2019	12-14	<0.13U	<0.013U	<0.16U	<0.21U	1.4	0.15	<0.026U	<0.021U	<0.037U	<0.019U	0.3	<0.019U	0.38	<0.13U	<0.025U	<0.12U	<0.58U	0.88	<0.11U	1.2	-	<0.0011U	-
SSHS-B2762	SSHS-B2762-SUB-10-12	4/26/2019	10-12	<0.12U	<0.013U	<0.15U	<0.21U,F2	<0.019U	<0.014U	<0.025U	<0.021U	<0.036U,F2	<0.018U	<0.014U,F2	<0.018U	<0.014U	<0.13U	<0.024U	<0.12U,F2	<0.57U	<0.019U	<0.11U	<0.017U,F2	-	<0.0011U	-
SSHS-B2762	SSHS-B2762-SUB-12-14	4/26/2019	12-14	<0.25U	<0.026U	<0.32U	<0.42U	0.99	<0.029U	<0.052U	<0.042U	<0.074U	<0.037U	0.39	<0.037U	0.11J	<0.27U	<0.049U	<0.24U	<1.2U	0.49	<0.22U	0.9	-	<0.0011U	-
SSHS-B2762	SSHS-B2762-SUB-2-4	4/26/2019	2-4	<0.13U	<0.014U	<0.16U	<0.22U	0.037J	<0.015U	<0.027U	<0.022U	<0.038U	<0.019U	<0.015U	<0.019U	<0.015U	<0.14U	<0.025U	<0.13U	<0.6U	0.033J	<0.11U	0.036J	-	<0.0011U	-
SSHS-B2762	SSHS-B2762-SUB-4-6	4/26/2019	4-6	<0.13U	<0.013U	<0.16U	<0.21U	0.18	<0.014U	<0.026U	<0.022U	<0.038U	<0.019U	0.073J	<0.019U	0.019J	<0.13U	<0.025U	<0.12U	<0.59U	0.1	<0.11U	0.17	-	<0.0012U	-
SSHS-B2762	SSHS-B2762-SUB-6-8	4/26/2019	6-8	<0.26U	<0.027U	<0.33U	<0.43U	1.9	<0.029U	<0.053U	<0.044U	<0.076U	<0.038U	1.2	<0.038U	0.23	<0.27U	<0.05U	<0.25U	<1.2U	0.6	<0.23U	1.8	-	<0.0011U	-
SSHS-B2762	SSHS-B2762-SUB-8-10	4/26/2019	8-10	<0.12U	<0.013U	<0.15U	<0.2U	0.15	<0.014U	<0.025U	<0.02U	<0.035U	<0.018U	<0.014U	<0.018U	0.041J	<0.13U	<0.023U	<0.12U	<0.56U	0.11	<0.1U	0.09	-	<0.001U	-
SSHS-B2763	SSHS-B2763-SUB-10-12	4/26/2019	10-12	<0.12U	<0.013U	<0.15U	<0.2U	<0.018U	<0.014U	<0.025U	<0.02U	<0.035U	<0.018U	<0.014U	<0.018U	<0.013U	<0.13U	<0.023U	<0.12U	<0.56U	<0.019U	<0.1U	<0.016U	-	<0.001U	-
SSHS-B2763	SSHS-B2763-SUB-6-8	4/26/2019	6-8	<0.14U	<0.014U	<0.17U	<0.23U	<0.021U	<0.016U	<0.029U	<0.023U	<0.041U	<0.021U	<0.016U	<0.02U	<0.016U	<0.15U	<0.027U	<0.13U	<0.64U	<0.021U	<0.12U	<0.019U	-	<0.0012U	-
SSHS-B2763	SSHS-B2763-SUB-8-10	4/26/2019	8-10	<0.13U	<0.014U	<0.16U	<0.22U	<0.02U	<0.015U	<0.027U	<0.022U	<0.038U	<0.019U	<0.015U	<0.019U	<0.015U	<0.14U	<0.025U	<0.12U	<0.6U	<0.02U	<0.11U	<0.018U	-	<0.0011U	-
SSHS-B2781	SSHS-B2781-SUB-8-10	5/17/2019	8-10	<0.13U	<0.013U	<0.16U	<0.21U	0.19	<0.014U	<0.026U	<0.021U	<0.037U	<0.019U	0.079	<0.019U	0.044J	<0.13U	<0.025U	<0.12U	<0.58U	0.17	<0.11U	0.2	-	<0.0011U	-
SSHS-B2791	SSHS-B2791-SUB-4-6	5/21/2019	4-6	<0.14U	<0.014U	<0.17U	<0.22U	0.29	0.071J	<0.028U	<0.023U	<0.039U	<0.02U	0.12	<0.02U	0.068J	<0.14U	<0.026U	<0.13U	<0.62U	0.39	<0.12U	0.93	-	<0.0013U	-
SSHS-B2791	SSHS-B2791-SUB-6-8	5/21/2019	6-8	<0.13U	<0.014U	<0.17U	<0.22U	0.43	0.088	<0.027U	<0.022U	<0.039U	<0.02U	0.14	<0.019U	0.049J	<0.14U	<0.026U	<0.13U	<0.61U	0.52	<0.11U	0.79	-	<0.0012U	-
SSHS-B28	B23428	5/8/2000	4-8	-	-	-	-	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<0.89U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B28	B23429	5/8/2000	8-12	-	-	-	-	<0.39U	<0.39U	<0.39U	-	-	-	<0.39U	-	<0.39U	-	-	-	<0.94U	<0.39U	<0.39U	<0.39U	-	<0.39U	-
SSHS-B2807	SSHS-B2807-SUB-2-4	5/17/2019	2-4	<0.14U	<0.014U	<0.17U	<0.23U	0.77	0.037J	<0.028U	<0.023U	<0.04U	<0.02U	0.19	<0.02U	<0.015U	<0.14U	<0.027U	<0.13U	<0.63U	0.51	<0.12U	0.58	-	<0.0012U	-
SSHS-B2808	SSHS-B2808-SUB-2-4	5/17/2019	2-4	<0.13U	<0.014U	<0.16U	<0.22U	1.6	0.075J	<0.027U	<0.022U	<0.039U	<0.019U	1.1	<0.019U	2.4	<0.14U	<0.026U	<0.13U	<0.61U	0.94	<0.11U	1.6	-	<0.0012U	-
SSHS-B2809	SSHS-B2809-SUB-4-6	5/17/2019	4-6	<0.39U	<0.04U	<0.48U	<0.64U	1.4	0.12J	<0.079U	<0.064U	<0.11U	<0.057U	0.4	<0.056U	0.09J	<0.4U	<0.075U	<0.37U	<1.8U	1.1	<0.33U	1.1	-	<0.0011U,*	
SSHS-B2810	SSHS-B2810-SUB-2-4	5/17/2019	2-4	<0.14U	<0.014U	<0.17U	<0.23U	1.3	0.12	<0.028U	<0.023U	<0.04U	<0.02U	0.37	<0.02U	0.16	<0.14U	<0.027U	<0.13U	<0.63U	1	<0.12U	0.99	-	<0.0012U	-
SSHS-B29	B23430	5/8/2000	1-4	-	-	-	-	0.068J	<0.36U	<0.36U	-	-	-	<0.36U	-	<0.36U	-	-	-	<0.36U	0.056J	<0.36U	<0.087U	-	<0.36U	-
SSHS-B29-A	SSHS-B29-A-0.17-2 (1.5)	8/13/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.038U	<0.061J	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.026J	<0.028U	<0.017J	<0.03U	<0.0086U	<0.034U	<0.033U	<0.044J	<0.0086U	<0.06J	-	<0.00057U	
SSHS-B29-A	SSHS-B29-A-10-12 (11.5)	8/13/2014	10-12	<0.038U	<0.038U	<0.043U	<0.036U	<0.0074U	<0.0091U	<0.0073U	<0.0077U	<0.037U	<0.025U	<0.0071U	<0.026U	<0.0059U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.011U	<0.0081U	<0.007U	-	<0.00056U	
SSHS-B29-A	SSHS-B29-A-2-6 (4.5)	8/13/2014	2-6	<0.039U	<0.039U	<0.045U	<0.038U	<0.032J	<0.0094U	<0.0076U	<0.008U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.026J	<0.0084U	<0.032J	-	<0.00054U	
SSHS-B29-A	SSHS-B29-A-8-10 (8.5)	8/13/2014	8-10	<0.038U	<0.038U	<0.043U	<0.037U	<0.04J	<0.0091U	<0.0074U	<0.0078U	<0.037U	<0.025U	<0.0071U	<0.026U	<0.006U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.041J	<0.0082U	<0.036J	-	<0.00064U	
SSHS-B3	B23489	5/12/2000	4-8	-	-	-	-	0.57	<0.42U	<0.42U	-	-	-	0.22J	-	<0.42U	-	-	-	<1U	0.15J	<0.42U	0.42J	-	<0.42U	-
SSHS-B30	B23431	5/8/2000	1-4	-	-	-	-	0.13J	<0.36U	<0.36U	-	-	-	0.042J	-	<0.36U	-	-	-	<0.88U	0.074J	<0.36U	0.14J	-	<0.36U	-
SSHS-B30	B23432	5/8/2000	4-8	-	-	-	-	<0.38U	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<0.92U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-B32	B23433	5/8/2000	1-4	-	-	-	-	<0.35U	<0.35U	<0.35U	-	-	-	<0.35U	-	<0.35U	-	-	-	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	-
SSHS-B34	B23434	5/9/2000	1-4	-	-	-	-	<0.36U	<0.36U	<0.36U	-	-	-	<0.36U	-	<0.36U	-	-	-	<0.86U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B34	B23435	5/9/2000	4-6	-	-	-	-	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<0.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B35	B23444	5/9/2000	2-4	-	-	-	-	<0.89U	0.1J	<0.4U	-	-	-	0.19J	-	0.058J	-	-	-	<0.97U	1.1	<0.4U	0.91	-	<0.4U	-
SSHS-B36	B36	9/12/2000	0.5-2.5	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	-	<0.35U	-
SSHS-B37	B37	9/12/2000	0.5-2.5	<0.34U	<0.34U	<0.34U	<0.34U	0.5	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<1.8U	0.41	<0.34U	0.43	-	<0.34U	-
SSHS-B37	B37-8-10	9/12/2000	8-10	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	0.37.	-	<0.35U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B38	B38	9/12/2000	1-4.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-B39	B39	9/12/2000	0.5-2.5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	-	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B4	B23487	5/12/2000	2-4	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<0.0061U	<0.0061U	-	<0.0061U	-	-	-	-	-	<0.0061U	-	-	0.0072
SSHS-B40	B40	9/12/2000	0.5-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.00079U	<0.00076U	<0.00086U	<0.0017U	<0.00092U	-	<0.00057U,*	<0.00085U	<0.00098U	<0.00068U	<0.001U	<0.00088U	<0.00072U	-	<0.00064U	<0.00081U	<0.00066U	<0.00052U	<0.00053U,*	<0.00084U	<0.0018U	<0.00069U
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.00068U	<0.00065U	<0.00073U	<0.0015U	<0.00078U	-	<0.00049U,*	<0.00072U	<0.00084U	<0.00058U	<0.00085U	<0.00075U	<0.00062U	-	<0.00055U	<0.00069U	<0.00056U	<0.00044U	<0.00045U,*	<0.00071U	<0.0016U	<0.00059U
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.001U	<0.00096U	<0.0011U	<0.0022U	<0.0012U	-	<0.00073U,*	<0.0011U	<0.0012U	<0.00086U	<0.0013U	<0.0011U	<0.00092U	-	<0.00081U	<0.001U	<0.00084U	<0.00066U	<0.00067U,*	<0.0011U	<0.0023U	<0.00088U
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.00073U	<0.00069U	<0.00079U	<0.0016U	<0.00084U	-	<0.00052U,*	<0.00077U	<0.0009U	<0.00062U	<0.00091U	<0.00081U	<0.00066U	-	<0.00059U	<0.00074U	<0.0006U	<0.00048U	<0.00048U,*	<0.00076U	<0.0017U	<0.00063U
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00078U	<0.00075U	<0.00085U	<0.0017U	<0.0009U	-	<0.00056U,*	<0.00083U	<0.00097U	<0.00067U	<0.00098U	<0.00087U	<0.00071U	-	<0.00063U	<0.0008U	<0.00065U	<0.00051U	<0.00052U,*	<0.00082U	<0.0018U	<0.00068U
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00067U	<0.00064U	<0.00073U	<0.0015U	<0.00077U	-	<0.00048U,*	<0.00071U	<0.00083U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00056U	<0.00044U	<0.00044U,*	<0.00071U	<0.0015U	<0.00058U
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<0.00063U	<0.0006U	<0.00069U	<0.0014U	<0.00073U	-	<0.00046U	<0.00067U	<0.00078U	<0.00054U	<0.0008U	<0.0007U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00073U	-	<0.00045U,*	<0.00067U	<0.00077U	<0.00054U	<0.00079U	<0.0007U	<0.00057U	-	<0.00051U	<0.00064U	<0.00052U	<0.00041U	<0.00042U,*	<0.00066U	<0.0014U	<0.00054U
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	-	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	-	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	-	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	-	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	-	<0.0059U	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U
SSHS-B54	B54-4-6	9/13/2000	4-6	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.0052U	-	<0.0052U	-	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	-	<0.0053U	-	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	<0.003U	<0.002U	<0.0036U	<0.0019U	<0.0029U	<0.0045U	<0.0011U	<0.0039U	<0.0028U	<0.0011U	<0.0014U	<0.0045U	<0.0011U	<0.0023U	<0.0018U	<0.0014U	<0.002U	<0.0045U	<0.0013U	<0.0024U	<0.0021U	<0.0012U
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	<0.0029U	<0.0019U	<0.0035U	<0.0019U	<0.0028U	<0.0044U	<0.001U	<0.0038U	<0.0027U	<0.0011U	<0.0014U	-	<0.0011U	<0.0023U	<0.0018U	<0.0014U	<0.0019U	<0.0044U	<0.0013U	<0.0024U	<0.0021U	<0.0012U
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.0039U	<0.0026U	<0.0047U	<0.0025U	<0.0037U	<0.0058U	<0.0014U	<0.0051U	<0.0036U	<0.0014U	<0.0019U	<0.0058U	<0.0014U	<0.003U	<0.0024U	<0.0018U	<0.0026U	<0.0059U	<0.0018U	<0.0032U	<0.0027U	<0.0016U
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<0.0022U	<0.0014U	<0.0026U	<0.0014U	<0.0021U	<0.0032U	<0.00077U	<0.0028U	<0.002U	<0.0008U	<0.001U	<0.0032UJ	<0.0008U	<0.0017U	<0.0013U	<0.001U	<0.0014U	<0.0033U	<0.00097U	<0.0018U	<0.0015U	<0.00089U
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	<0.0026U	<0.0017U	<0.0032U	<0.0017U	<0.0025U	<0.004U	<0.00094U	<0.0035U	<0.0024U	<0.00098U	<0.0013U	<0.0039U	<0.00098U	<0.0021U	<0.0016U	<0.0012U	<0.0017U	<0.004U	<0.0012U	<0.0022U	<0.0019U	<0.0011U
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	<0.003U	<0.002U	<0.0036U	<0.0019U	<0.0029U	<0.0045U	<0.0011U	<0.0039U	<0.0028U	<0.0011U	<0.0014U	<0.0045U	<0.0011U	0.017	<0.0018U	<0.0014U	<0.002U	<0.0045U	<0.0013U	<0.0024U	<0.0021U	<0.0012U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B38	B38	9/12/2000	1-4.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<1.8U	<1.8U	<1.8U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-B39	B39	9/12/2000	0.5-2.5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<1.8U	<1.8U	<1.8U	<0.0054U	-	<0.0054U	-	<0.0054U	-	-	-	-
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B4	B23487	5/12/2000	2-4	-	<0.0061U	-	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<4U	<4U	<0.0061U	-	-	-	-	-	-	-	-
SSHS-B40	B40	9/12/2000	0.5-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<1.9U	<1.9U	<1.9U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.37U	<0.37U	<0.37U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.75U	<0.75U	<0.75U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.001U	<0.00083U	<0.0008U	<0.00079U	<0.00077U	<0.0008U	<0.0007U,*	<0.0007U	<0.00055U	<0.00099U	<0.001U	<0.00094U	<0.00077U	<0.00089U	<0.001U	<0.00087U	<0.00078U	<0.0011U	-	-	-	-
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.00086U	<0.00071U	<0.00068U	<0.00068U	<0.0019J	<0.0016J	<0.0006U,*	<0.0006U	<0.00047U	<0.00085U	<0.00089U	<0.0008U	<0.00066U	<0.00076U	<0.00087U	<0.00074U	<0.00067U	<0.00092U	-	-	-	-
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.0013U	<0.0011U	<0.001U	<0.001U	<0.00098U	<0.001U	<0.00089U,*	<0.00089U	<0.0007U	<0.0013U	<0.0013U	<0.0012U	<0.00098U	<0.0011U	<0.0013U	<0.0011U	<0.001U	<0.0014U	-	-	-	-
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.00092U	<0.00076U	<0.00073U	<0.00072U	<0.00071U	<0.00073U	<0.00064U,*	<0.00064U	<0.00051U	<0.00091U	<0.00095U	<0.00086U	<0.00071U	<0.00082U	<0.00093U	<0.0008U	<0.00072U	<0.00099U	-	-	-	-
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.4U	<0.4U	<0.4U	<0.006U	-	<0.006U	-	<0.006U	-	-	-	-
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00099U	<0.00082U	<0.00079U	<0.00078U	<0.00076U	<0.00079U	<0.00069U,*	<0.00069U	<0.00054U	<0.00098U	<0.001U	<0.00093U	<0.00076U	<0.00088U	<0.001U	<0.00086U	<0.00077U	<0.0011U	-	-	-	-
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00085U	<0.0007U	<0.00067U	<0.00067U	<0.00065U	<0.00068U	<0.00059U,*	<0.00059U	<0.00047U	<0.00084U	<0.00088U	<0.00079U	<0.00065U	<0.00075U	<0.00086U	<0.00073U	<0.00066U	<0.00091U	-	-	-	-
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<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	<0.00069U	<0.00063U	<0.00086U	-	-	-	-
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.00079U	<0.00065U	<0.00063U	<0.00063U	<0.00061U	<0.00063U	<0.00055U,*	<0.00056U	<0.00044U	<0.00079U	<0.00082U	<0.00074U	<0.00061U	<0.00071U	<0.0008U	<0.00069U	<0.00062U	<0.00086U	-	-	-	-
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.36U	<0.36U	<0.36U	<0.0055U	-	<0.0055U	-	<0.0055U	-	-	-	-
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.37U	<0.37U	<0.37U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.37U	<0.37U	<0.37U	<0.0055U	-	<0.0055U	-	<0.0055U	-	-	-	-
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.34U	<0.34U	<0.34U	<0.0052U	-	<0.0052U	-	<0.0052U	-	-	-	-
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.36U	<0.36U	<0.36U	<0.0054U	-	<0.0054U	-	<0.0054U	-	-	-	-
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.38U	<0.38U	<0.38U	<0.0058U	-	<0.0058U	-	<0.0058U	-	-	-	-
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.38U	<0.38U	<0.38U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.37U	<0.37U	<0.37U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.37U	<0.37U	<0.37U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	0.032	<0.0055U	<0.0055U	<0.0055U	-	<1.8U	<1.8U	<1.8U	<0.0055U	-	<0.0055U	-	<0.0055U	-	-	-	-
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.36U	<0.36U	<0.36U	<0.0054U	-	<0.0054U	-	<0.0054U	-	-	-	-
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.36U	<0.36U	<0.36U	<0.0054U	-	<0.0054U	-	<0.0054U	-	-	-	-
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.36U	<0.36U	<0.36U	<0.0055U	-	<0.0055U	-	<0.0055U	-	-	-	-
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<1.9U	<1.9U	<1.9U	<0.0059U	-	<0.0059U	-	<0.0059U	-	-	-	-
SSHS-B54	B54-4-6	9/13/2000	4-6	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.38U	<0.38U	<0.38U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.38U	<0.38U	<0.38U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	<0.0052U	-	<0.35U	<0.35U	<0.35U	<0.0052U	-	<0.0052U	-	<0.0052U	-	-	-	-
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.35U	<0.35U	<0.35U	<0.0053U	-	<0.0053U	-	<0.0053U	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	<0.0026U	<0.0013U	<0.0022U	<0.0049U	<0.0011U	<0.0012U	<0.001U	<0.0024U	<0.0025U	<0.004U	<0.004U	<0.0032U	<0.0029U	<0.0022U	<0.0021U	<0.0017U	<0.0029U	<0.0029U	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	<0.0025U	<0.0013U	<0.0021U	0.0074B	<0.0011U	<0.0012U	<0.00099U	<0.0023U	<0.0025U	-	-	-	-	<0.0021U	<0.0021U	<0.0017U	<0.0028U	<0.0028U	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.0034U	<0.0017U	<0.0028U	<0.0064U	<0.0014U	<0.0016U	<0.0013U	<0.0031U	<0.0033U	<0.0052U	<0.0052U	<0.0042U	<0.0038U	<0.0029U	<0.0027U	<0.0022U	<0.0038U	<0.0038U	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<0.0019U	<0.00096U	<0.0016U	<0.0036U	<0.0008U	<0.00088U	<0.00073U	<0.0017U	<0.0018U	<0.0029UJ	<0.0029UJ	<0.0023UJ	<0.0021UJ	<0.0016U	<0.0015U	<0.0012U	<0.0021U	<0.0021U	-	-	-	-
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	<0.0023U	<0.0012U	<0.0019U	0.0044U	0.0021J	<0.0011U	<0.00089U	<0.0021U	<0.0022U	<0.0035U	<0.0036U	<0.0028U	<0.0026U	<0.0019U	<0.0019U	<0.0015U	<0.0026U	<0.0026U	-	-	-	-
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	<0.0026U	0.017	<0.0022U	0.0049U	0.0089	0.041	<0.001U	<0.0024U	<0.0025U	<0.004U	<0.004U	<0.0032U	<0.0029U	<0.0022U	<0.0021U	<0.0017U	<0.0029U	<0.0029U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides															
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B38	B38	9/12/2000	1-4.5	-	-	-	-	-	<0.0056U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B39	B39	9/12/2000	0.5-2.5	-	-	-	-	-	<0.0054U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0036U
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B4	B23487	5/12/2000	2-4	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.004U
SSHS-B40	B40	9/12/2000	0.5-2.5	-	-	-	-	-	<0.0056U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	-	-	-	-	-	<0.0056U	-	<0.019U	<0.019U	<0.019U	<0.019U	-	<0.019U	-	<0.019U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.037U	<0.037U
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	-	-	-	-	-	<0.0057U	-	<0.019U	<0.019U	<0.019U	<0.019U	-	<0.019U	-	<0.019U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.037U	<0.037U
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.0008U	-	-	-	-	<0.00083U	-	<0.00029U	<0.00031U	<0.00035U	<0.0005U	-	<0.00038U	<0.002U	-	<0.002U	0.0071	0.007	<0.00032U	<0.00036U	<0.002U	<0.0002U
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.00068U	-	-	-	-	<0.00071U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.001U	-	-	-	-	<0.0011U	-	<0.00029U	<0.00032U	<0.00035U	<0.0005U	-	<0.00038U	<0.00038U	-	<0.0003U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00096J	<0.0002U
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.00073U	-	-	-	-	<0.00076U	-	<0.00029U	<0.00031U	<0.00034U	<0.00049U	-	<0.00038U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00036U	<0.00033U	<0.0002U
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	-	-	-	-	-	<0.006U	-	<0.002U	<0.002U	<0.002U	<0.002U	-	<0.002U	-	<0.002U	<0.002U	<0.002U	<0.004U	<0.002U	<0.002U	<0.004U	<0.004U
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00079U	-	-	-	-	<0.00082U	-	<0.00029U	<0.00031U	<0.00034U	<0.0005U	-	<0.00038U	<0.0065U	-	<0.002U	<0.00025U	<0.0043U	<0.002U	<0.00091J	<0.00034U	<0.002U
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00067U	-	-	-	-	<0.0007U	-	<0.00026U	<0.00028U	<0.0003U	<0.00044U	-	<0.00034U	<0.00033U	-	<0.00026U	<0.00022U	<0.00025U	<0.00028U	<0.00032U	<0.0003U	<0.00018U
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<0.00064U	-	-	-	-	<0.00066U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.0019U	-	<0.00028U	<0.00024U	0.0076	<0.0019U	<0.00035U	<0.00033U	<0.0019U
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.00063U	-	-	-	-	<0.00066U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.0003U	<0.00033U	<0.00031U	<0.00018U
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0055U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0056U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0055U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B46	B46-8-10	9/13/2000	8-10	-	-	-	-	-	<0.0052U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0034U	<0.0018U	<0.0018U	<0.0034U	<0.0034U
SSHS-B47	B47-3-5	9/13/2000	3-5	-	-	-	-	-	<0.0054U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0036U
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0058U	-	<0.02U	<0.02U	<0.02U	<0.02U	-	<0.02U	-	<0.02U	<0.02U	<0.02U	<0.038U	<0.02U	<0.02U	<0.038U	<0.038U
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0057U	-	<0.019U	<0.019U	<0.019U	<0.019U	-	<0.019U	-	<0.019U	<0.019U	<0.019U	<0.038U	<0.019U	<0.019U	<0.038U	<0.038U
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0057U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B50	B50-4-7	9/13/2000	4-7	-	-	-	-	-	<0.0057U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0055U	-	<0.019U	<0.019U	<0.019U	<0.019U	-	<0.019U	-	<0.019U	<0.019U	<0.019U	<0.036U	<0.019U	<0.019U	<0.036U	<0.036U
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0054U	-	<0.018U	<0.018U	<0.018U	<0.018U	-	<0.018U	-	<0.018U	<0.018U	<0.018U	<0.036U	<0.018U	<0.018U	<0.036U	<0.036U
SSHS-B52	B52-4-6	9/13/2000	4-6	-	-	-	-	-	<0.0054U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0036U
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0055U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0059U	-	<0.002U	<0.002U	<0.002U	<0.002U	-	<0.002U	-	<0.002U	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-B54	B54-4-6	9/13/2000	4-6	-	-	-	-	-	<0.0057U	-	<0.002U	<0.002U	<0.002U	<0.002U	-	<0.002U	-	<0.002U	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0057U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0038U
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0052U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0053U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	<0.0034U	-	-	-	-	<0.0023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	<0.0033U	-	-	-	-	<0.0023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.0044U	-	-	-	-	<0.003U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<0.0025U	-	-	-	-	<0.0017U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	<0.003U	-	-	-	-	<0.002U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	<0.0034U	-	-	-	-	<0.0023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B38	B38	9/12/2000	1-4.5	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	<0.037U	51	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<1.8U	<1.8U
SSHS-B39	B39	9/12/2000	0.5-2.5	<0.0018U	<0.0036U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0072U	<0.036U	5.26	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<1.8U	<1.8U
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	0.4799	-	-	-	-	-	-	-	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B4	B23487	5/12/2000	2-4	<0.0021U	-	-	-	<0.0021U	-	-	-	<0	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B40	B40	9/12/2000	0.5-2.5	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	<0.037U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<1.9U	<1.9U
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	9.279	-	-	-	-	-	-	-	<0.33U	<0.28U	<0.42U	<0.24UJ	<0.39U	<0.55U
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	<1.267	-	-	-	-	-	-	-	<0.31U	<0.27U	<0.4U	<0.22U	<0.37U	<0.52U
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	102.4	-	-	-	-	-	-	-	<0.065U	<0.056U	<0.084U	<0.047U	<0.078U	<0.11U
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	7.778	-	-	-	-	-	-	-	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	-	-	-	-	-	-	-	-	2.761	-	-	-	-	-	-	-	<0.035U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	-	-	-	-	-	-	-	-	3.194	-	-	-	-	-	-	-	<0.033U	<0.028U	<0.042U	<0.024U	<0.04U	<0.055U
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.019U	<0.037U	<0.037U	<0.019U	<0.019U	<0.019U	<0.074U	<0.37U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	0.2122	-	-	-	-	-	-	-	<0.036U	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.019U	<0.037U	<0.037U	<0.019U	<0.019U	<0.019U	<0.075U	<0.37U	3.91	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.75U	<0.75U
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	3.981	-	-	-	-	-	-	-	<0.035U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	-	-	-	-	-	-	-	-	4.731	-	-	-	-	-	-	-	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	0.003	<0.002U	<0.0003U	<0.00034U	<0.00043U	<0.00038U	<0.0004U	<0.013U	41.74	<0.001U	<0.00081U	<0.00077U	<0.019J	<0.0006U	<0.00044U	<0.00088U	<0.11J	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00089U	<0.00069U	<0.00066U	<0.005U	<0.00051U	<0.00037U	<0.00075U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.00038U	<0.00038U	<0.0003U	<0.00034U	<0.00043U	<0.00038U	<0.0004U	<0.013U	5.603	<0.0013U	<0.001U	<0.00098U	<0.0092J	<0.00077U	<0.00056U	<0.0011U	<0.035U	<0.029U	<0.045U	<0.025U	<0.041U	<0.058U
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.00037U	<0.00037U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	<0	<0.00095U	<0.00074U	<0.0007U	<0.0054U	<0.00055U	<0.0004U	<0.00081U	<0.034U	<0.029U	<0.044U	<0.024U	<0.041U	<0.057U
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.002U	<0.004U	<0.004U	<0.002U	<0.002U	<0.002U	<0.0079U	<0.04U	<0	<0.012U	<0.012U	<0.012U	<0.024U	<0.012U	-	-	-	-	-	-	<0.4U	<0.4U
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	0.2568	-	-	-	-	-	-	-	<0.036U	<0.031U	<0.047U	<0.026U	<0.043U	<0.061U
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	-	-	-	-	-	-	-	-	2.097	-	-	-	-	-	-	-	<0.035U	<0.03U	<0.045U	<0.025U	<0.042U	<0.059U
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.014U	<0.0017J	<0.0003U	<0.00034U	<0.00043U	<0.002U	<0.0038U	<0.013U	2	<0.001U	<0.0008U	<0.00076U	0.088	<0.00059U	<0.00043U	<0.00087U	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.057U
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00033U	<0.00033U	<0.00026U	<0.0003U	<0.00038U	<0.00033U	<0.00035U	<0.011U	<0	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00074U	<0.031U	<0.026U	<0.039U	<0.022U	<0.037U	<0.052U
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	0.0038	<0.0019U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00039U	<0.012U	<0	<0.00083U	<0.00065U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.00034U	<0.00034U	<0.00028U	<0.00031U	<0.00039U	<0.00035U	<0.00037U	<0.012U	<0	<0.00082U	<0.00064U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0036U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	<0.0073U	<0.036U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.36U	<0.36U
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	0.3587	-	-	-	-	-	-	-	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.057U
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	1.725	-	-	-	-	-	-	-	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	<0.037U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	-	-	-	-	-	-	-	-	13.6	-	-	-	-	-	-	-	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.057U
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0073U	<0.037U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.0018U	<0.0034U	<0.0034U	<0.0018U	<0.0018U	<0.0018U	<0.0068U	<0.034U	<0	<0.01U	<0.01U	<0.01U	<0.021U	<0.01U	-	-	-	-	-	-	<0.34U	<0.34U
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.0018U	<0.0036U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0071U	<0.036U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.36U	<0.36U
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.02U	<0.038U	<0.038U	<0.02U	<0.02U	<0.02U	<0.076U	<0.38U	<0	<0.012U	<0.012U	<0.012U	<0.023U	<0.012U	-	-	-	-	-	-	<0.38U	<0.38U
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.019U	<0.038U	<0.038U	<0.019U	<0.019U	<0.019U	<0.076U	<0.38U	16.55	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.38U	<0.38U
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	<0.037U	<0	<0.011U	<0.011U	<0.011U	0.0087J	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	<0.037U	<0	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<0.019U	<0.036U	<0.036U	<0.019U	<0.019U	<0.019U	<0.072U	<0.36U	50.9	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<1.8U	<1.8U
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	-	-	-	-	-	-	-	-	0.4597	-	-	-	-	-	-	-	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.018U	<0.036U	<0.036U	<0.018U	<0.018U	<0.018U	<0.072U	<0.36U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.36U	<0.36U
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.0018U	<0.0036U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0071U	<0.036U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.36U	<0.36U
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	-	-	-	-	-	-	-	-	0.3863	-	-	-	-	-	-	-	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0036U	<0.0036U	<0.0019U	<0.0019U	<0.0019U	<0.0072U	<0.036U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.36U	<0.36U
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	-	-	-	-	-	-	-	-	1.008	-	-	-	-	-	-	-	0.068J	<0.029U	<0.043U	<0.024U	<0.04U	<0.057U
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<0.002U	<0.0039U	<0.0039U	<0.002U	<0.002U	<0.002U	<0.0077U	<0.039U	10.3	<0.012U	<0.012U	<0.012U	<0.023U	<0.012U	-	-	-	-	-	-	<1.9U	<1.9U
SSHS-B54	B54-4-6	9/13/2000	4-6	<0.002U	<0.0038U	<0.0038U	<0.002U	<0.002U	<0.002U	<0.0076U	<0.038U	<0	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.38U	<0.38U
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	-	-	-	-	-	-	-	-	0.7171	-	-	-	-	-	-	-	<0.036U	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0038U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	<0.038U	9.28	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.38U	<0.38U
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	1.05	-	-	-	-	-	-	-	0.032J	<0.0027U	<0.0041U	<0.0023U	<0.0038U	<0.0054U
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	0.4451	-	-	-	-	-	-	-	0.018J	<0.0027U	<0.0041U	<0.0023U	<0.0038U	<0.0054U
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	<0.00689	-	-	-	-	-	-	-	<0.0017U	<0.0014U	<0.0022U	<0.0012U	<0.002U	<0.0028U
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	-	-	-	-	-	-	-	-	0.004335	-	-	-	-	-	-	-	<0.0016U	<0.0014U	<0.0021U	<0.0012U	<0.002U	<0.0027U
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	-	-	-	-	-	-	-	-	0.07773	-	-	-	-	-	-	-	0.005J	<0.0014U	<0.0021U	<0.0012U	<0.0019U	<0.0027U
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	-	-	-	-	-	-	-	-	<0.00688	-	-	-	-	-	-	-	<0.0017U	<0.0014U	<0.0022U	<0.0012U	<0.002U	<0.0028U
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.0018U	<0.0035U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0069U	<0.035U	<0	<0.01U	<0.01U	<0.01U	<0.021U	<0.01U	-	-	-	-	-	-	<0.35U	<0.35U
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	-	-	-	-	-	-	-	-	1.726	-	-	-	-	-	-	-	0.067	<0.0027U	<0.004U	<0.0023U	<0.0038U	<0.0053U
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	-	-	-	-	-	-	-	-	0.6957	-	-	-	-	-	-	-	<0.03U	<0.026U	<0.039U	<0.022U	<0.036U	<0.051U
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.0018U	<0.0035U	<0.0035U	<0.0018U	<0.0018U	<0.0018U	<0.0069U	<0.035U	1.83	<0.011U	<0.011U	<0.011U	<0.021U	<0.011U	-	-	-	-	-	-	<0.35U	<0.35U
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	-	-	-	-	-	-	-	-	0.7069	<0.0029U	<0.004U	<0.0035U	<0.01U	<0.0021U	<0.0015U	<0.0025U	<0.032U	<0.027U	<0.025U	<0.023U	<0.038U	<0.053U
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	-	-	-	-	-	-	-	-	1.605	<0.0029U	<0.0039U	<0.0034U	<0.0099U	<0.002U	<0.0014U	<0.0024U	<0.032U	<0.027U	<0.024U	<0.023U	<0.039U	<0.054U
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	-	-	-	-	-	-	-	-	0.9885	<0.0038U	<0.0052U	<0.0046U	<0.013U	<0.0027U	<0.0019U	<0.0032U	<0.031U	<0.027U	<0.032U	<0.023U	<0.038U	<0.053U
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	-	-	-	-	-	-	-	-	1.84	<0.0021U	<0.0029U	<0.0025U	<0.0073U	<0.0015U	<0.0011U	<0.0018U	<0.032U	<0.027U	<0.018U	<0.023U	<0.038U	<0.054U
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	-	-	-	-	-	-	-	-	1.246	-	-	-	-	-	-	-	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	-	-	-	-	-	-	-	-	<0.635	<0.0026U	<0.0036U	<0.0031U	<0.0089U	<0.0018U	<0.0013U	<0.0022U	<0.16U	<0.13U	<0.022U	<0.11UJ	<0.19U	<0.26U
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	-	-	-	-	-	-	-	-	<0.1267	<0.0029U	<0.004U	<0.0035U	0.016J	<0.0021U	<0.0015U	<0.0025U	<0.031U	<0.027U	<0.025U	<0.022U	<0.037U	<0.052U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B38	B38	9/12/2000	1-4.5	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.5U	<1.8U	-	<1.8U	<9.5U	<9.5U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.5U	<9.5U
SSHS-B39	B39	9/12/2000	0.5-2.5	<1.8U	<1.8U	<9.2U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.2U	<1.8U	-	<1.8U	<9.2U	<9.2U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.2U	<9.2U
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	0.028J	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B4	B23487	5/12/2000	2-4	-	-	-	-	-	-	-	-	<4U	-	-	-	-	-	-	-	-	-	-	<4U	-	-
SSHS-B40	B40	9/12/2000	0.5-2.5	<1.9U	<1.9U	<9.5U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<9.5U	<1.9U	-	<1.9U	<9.5U	<9.5U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<9.5U	<9.5U
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	<0.074U	<0.58U	-	<0.3U	<0.38U	<0.077U	<0.3U	0.073J	<0.26U	<1.7U	<0.41U	-	<0.39U	<1.5U	<1.5UJ	<0.32U	<0.34U	<0.3U	<0.41U	<0.36U	<1.5U	<1.3U
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	<0.07U	<0.55U	<4.2U	<0.28U	<0.36U	<0.073U	<0.29U	<0.063U	<0.24U	<1.6U	<0.39U	-	<0.37U	<1.4U	<1.4U	<0.3U	<0.32U	<0.28U	<0.39U	<0.34U	<1.4U	<1.3U
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	<0.015U	<0.11U	<0.87U	<0.059U	<0.076U	<0.015U	<0.06U	0.18	<0.051U	<0.33U	<0.081U	-	<0.077U	<0.3U	<0.29U	<0.064U	<0.067U	<0.059U	<0.081U	0.13J	<0.3U	<0.27U
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	0.014J	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	<0.0078U	<0.061U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	0.029J	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	0.037J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.14U
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	<0.008U	<0.062U	<0.48U	<0.032U	<0.041U	<0.0083U	<0.033U	0.021J	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.16U	<0.16U	<0.035U	<0.037U	<0.032U	<0.044U	<0.039U	<0.16U	<0.15U
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.75U	<0.75U	<3.8U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<3.8U	<0.75U	-	<0.75U	<3.8U	<3.8U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<3.8U	<3.8U
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	<0.0078U	<0.061U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	0.035J	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	<0.0077U	<0.06U	<0.46U	<0.031U	<0.04U	<0.008U	<0.031U	0.048J	<0.027U	<0.17U	<0.042U	-	<0.041U	<0.16U	<0.15U	<0.033U	<0.035U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.0078U	<0.06U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	0.71	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.0078U	<0.061U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	<0.013J	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.0076U	<0.06U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.4U	<0.4U	<2U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2U	<0.4U	-	<0.4U	<2U	<2U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2U	<2U
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	<0.0082U	<0.064U	<0.49U	<0.033U	<0.042U	<0.0085U	<0.033U	<0.0073U	<0.028U	<0.18U	<0.045U	-	<0.043U	<0.17U	<0.16U	<0.035U	<0.038U	<0.033U	<0.045U	<0.04U	<0.17U	<0.15U
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	<0.0079U	<0.062U	<0.47U	<0.032U	<0.041U	<0.0082U	<0.032U	0.024J	<0.028U	<0.18U	<0.043U	-	<0.042U	<0.16U	<0.16U	<0.034U	<0.036U	<0.032U	<0.044U	<0.039U	<0.16U	<0.14U
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0077U	<0.06U	<0.46U	<0.031U	<0.039U	<0.008U	<0.031U	<0.032J	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.031U	<0.043U	<0.037U	<0.16U	<0.14U
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.0069U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.15U	<0.038U	-	<0.036U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.038U	<0.034U	<0.14U	<0.13U
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<0.0075U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0078U	<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	<0.14U
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.0071U	<0.055U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<1.9U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.9U	<0.36U	-	<0.36U	<1.9U	<1.9U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.9U	<1.9U
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	<0.0077U	<0.06U	<0.46U	<0.031U	<0.04U	<0.008U	<0.031U	<0.0069U	<0.027U	<0.17U	<0.042U	-	<0.041U	<0.16U	<0.15U	<0.033U	<0.035U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	0.033J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	0.18	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.34U	<0.34U	<1.8U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<1.8U	<0.34U	-	<0.34U	<1.8U	<1.8U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<1.8U	<1.8U
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	-	<0.36U	<1.8U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<1.8U
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<2U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<0.38U	-	<0.38U	<2U	<2U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<2U
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<0.38U	-	<0.38U	<1.9U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<1.9U
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<1.8U	<1.8U	<9.3U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.3U	<1.8U	-	<1.8U	<9.3U	<9.3U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.3U	<9.3U
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	0.029J	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	-	<0.36U	<1.8U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<1.8U
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	-	<0.36U	<1.8U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<1.8U
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	0.097	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<1.9U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.9U	<0.36U	-	<0.36U	<1.9U	<1.9U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.9U	<1.9U
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	0.27	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<1.9U	<1.9U	<10U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<10U	<1.9U	-	<1.9U	<10U	<10U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<10U	<10U
SSHS-B54	B54-4-6	9/13/2000	4-6	<0.38U	<0.38U	<2U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<0.38U	-	<0.38U	<2U	<2U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<2U
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	<0.008U	<0.063U	<0.48U	<0.032U	<0.041U	<0.0084U	<0.033U	0.16	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.16U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.039U	<0.16U	<0.15U
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<0.38U	-	<0.38U	<1.9U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<1.9U
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	<0.00072U	<0.0056U	<0.043U	<0.0029U	<0.0037U	<0.00075U	<0.0029U	0.31J	<0.0025U	<0.016U	<0.004U	-	<0.0038U	<0.015U	<0.014U	<0.0031U	<0.0033U	<0.0029U	<0.004U	<0.0035U	<0.015U	<0.013U
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	<0.00072U	<0.0056U	<0.043U	<0.0029U	<0.0037U	<0.00075U	<0.0029U	0.18	<0.0025U	<0.016U	<0.004U	-	<0.0038U	<0.015U	<0.014U	<0.0031U	<0.0033U	<0.0029U	<0.004U	<0.0035U	<0.015U	<0.013U
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	<0.00038U	<0.003U	<0.023U	<0.0015U	<0.002U	<0.0004U	<0.0016U	<0.00034U	<0.0013U	<0.0085U	<0.0021U	-	<0.002U	<0.0078U	<0.0076U	<0.0017U	<0.0017U	<0.0015U	<0.0021U	<0.0019U	<0.0077U	<0.0069U
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	<0.00037U	<0.0029U	<0.022U	<0.0015U	<0.0019U	<0.00038U	<0.0015U	0.0006J	<0.0013U	<0.0082U	<0.002U	-	<0.0019U	<0.0075U	<0.0073U	<0.0016U	<0.0017U	<0.0015U	<0.002U	<0.0018U	<0.0074U	<0.0067U
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	<0.00036U	<0.0028U	<0.021U	<0.0015U	<0.0019U	<0.00038U	<0.0015U	0.058	<0.0013U	<0.0081U	<0.002U	-	<0.0019U	<0.0074U	<0.0072U	<0.0016U	<0.0017U	<0.0014U	<0.002U	<0.0018U	<0.0073U	<0.0066U
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	<0.00038U	<0.003U	<0.023UJ	<0.0015U	<0.002U	<0.0004U	<0.0015U	<0.00034U	<0.0013U	<0.0085U	<0.0021U	-	<0.002U	<0.0078U	<0.0076UJ	<0.0016U	<0.0017U	<0.0015U	<0.0021U	<0.0019U	<0.0077U	<0.0069U
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	-	<0.35U	<1.8U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<1.8U
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	<0.00071U	<0.0055U	<0.042U	<0.0028U	<0.0036U	<0.00074U	<0.0029U	0.66	<0.0025U	<0.016U	<0.0039U	-	<0.0037U	<0.015U	<0.014U	<0.0031U	<0.0032U	<0.0028U	<0.0039U	<0.0035U	<0.014U	<0.013U
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	<0.0068U	<0.053U	<0.41U	<0.028U	<0.035U	<0.0071U	<0.028U	0.1	<0.024U	<0.15U	<0.038U	-	<0.036U	<0.14U	<0.14U	<0.03U	<0.031U	<0.027U	<0.038U	<0.033U	<0.14U	<0.12U
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	-	<0.35U	<1.8U	<1.8U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<1.8U
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	<0.0071U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	0.0077J	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.0071U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0074U	<0.029U	0.0078J	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<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	<0.13U
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	0.008J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	<0.035U	<0.27U	-	<0.14U	<0.18U	<0.037U	<0.14U	0.064J	<0.12U	<0.78U	<0.19U	-	<0.19U	<0.72U	<0.7U	<0.15U	<0.16U	<0.14U	<0.19U	<0.17U	<0.71U	<0.64U
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																			
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B38	B38	9/12/2000	1-4.5	<1.8U	<1.8U	-	2.2	-	4.8	-	4.2	2.7	2.3	3.3	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	-	<1.8U	4	<1.8U	<1.8U
SSHS-B39	B39	9/12/2000	0.5-2.5	<1.8U	0.22J	-	<1.8U	-	0.36J	-	0.46J	0.4J	0.62J	0.37J	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	-	<1.8U	0.39J	0.19J	<1.8U
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	<0.0071U	0.039J	<0.03U	0.02J	<0.036U	0.058J	<0.055U	0.07J	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0099U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0068U	0.06J	<0.0082U	<0.036U
SSHS-B4	B23487	5/12/2000	2-4	<4U	<4U	-	<4U	-	<4U	-	<4U	<4U	<4U	<4U	-	-	-	-	-	-	-	-	<4U	<4U	<4U
SSHS-B40	B40	9/12/2000	0.5-2.5	<1.9U	<1.9U	-	<1.9U	-	<1.9U	-	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	-	<1.9U	<1.9U	<1.9U	<1.9U
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	<0.071U	0.19J	<0.3U	0.21J	<0.36U	0.81	<0.55U	0.78	0.98	0.7J	0.43J	-	<0.24U	<0.099U	<0.08U	<0.6U	<0.51U	-	<0.068U	0.83	0.15J	<0.36U
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	<0.067U	<0.08U	<0.29U	<0.068U	<0.34U	<0.088U	<0.52U	<0.07U	<0.11U	<0.07U	<0.14U	-	<0.23U	<0.094U	<0.075U	<0.57U	<0.48U	<2.6U	<0.064U	<0.083U	<0.078U	<0.34U
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	0.087J	1.6	<0.06U	3.1	<0.071U	9.3	<0.11U	8.1	9.9	6.1	3.5	-	<0.048U	<0.02U	<0.016U	<0.12U	<0.1U	<0.55U	1.7	7.3	1.4	0.39J
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	<0.0067U	0.11	<0.029U	0.24	<0.034U	0.66	<0.052U	0.61	0.77	0.47	0.21	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.047U	<0.26U	0.12	0.55	0.12	0.034J
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	<0.0074U	0.13	<0.032U	0.069J	<0.038U	0.23	<0.058U	0.27	0.34	0.26	0.097	-	<0.026U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	<0.0071U	0.22	<0.0086U	<0.038U
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	0.029J	0.065J	<0.03U	0.1	<0.036U	0.26	<0.055U	0.25	0.3	0.23	0.13	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.051U	<0.28U	0.042J	0.24	<0.0082U	<0.036U
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	<0.0077U	<0.0091U	<0.033U	<0.0078U	<0.039U	<0.01U	<0.06U	<0.008U	<0.013U	<0.0079U	<0.016U	-	<0.026U	<0.011U	<0.0086U	<0.064U	<0.055U	<0.3U	<0.0074U	<0.0095U	<0.0089U	<0.039U
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.75U	<0.75U	-	<0.75U	-	<0.75U	-	0.81	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	-	<0.75U	1.1	<0.75U	<0.75U
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	0.017J	0.031J	<0.032U	0.086	<0.038U	0.39	<0.058U	0.33	0.4	0.22	0.21	-	<0.025U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	0.037J	0.37	<0.0086U	<0.038U
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	0.095	<0.0088U	<0.032U	0.18	<0.037U	0.37	<0.058U	0.34	0.38	0.29	0.18	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.053U	<0.29U	0.074J	0.36	<0.0086U	0.052J
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.057J	1.9	<0.035J	1	<0.038U	3.4	<0.058U	3.4	5	4	1.7	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.053U	<0.29U	0.22	4.2	0.97	<0.14J
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.007U	<0.0084U	<0.03U	<0.0071U	<0.036U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.0075U	0.078	<0.032U	0.12	<0.038U	0.53	<0.058U	0.47	0.51	0.37	0.28	-	<0.026U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	<0.038J	0.55	0.095	<0.038U
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.0073U	<0.0087U	<0.031U	<0.0075U	<0.037U	<0.0095U	<0.057U	<0.0076U	<0.012U	<0.0076U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.062U	<0.052U	<0.29U	<0.007U	<0.0091U	<0.0085U	<0.037U
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.4U	<0.4U	-	<0.4U	-	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	<0.0078U	0.011J	<0.034U	0.013J	<0.04U	<0.01U	<0.061U	<0.0082U	<0.013U	<0.0081U	<0.016U	-	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	<0.0097U	<0.0091U	<0.04U
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	0.02J	0.034J	<0.032U	0.07J	<0.038U	0.19	<0.059U	0.16	0.2	0.13	0.12	-	<0.026U	<0.011U	<0.0085U	<0.064U	<0.054U	<0.3U	<0.0073U	0.16	<0.0088U	<0.039U
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0085J	0.093	<0.031U	<0.063J	<0.037U	0.18	<0.057U	0.18	0.24	0.16	0.097	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.052U	<0.29U	<0.013J	0.22	<0.031J	<0.038U
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.0066U	<0.0079U	<0.028U	<0.0067U	<0.034U	<0.0086U	<0.052U	<0.0069U	<0.011U	<0.0068U	<0.014U	-	<0.023U	<0.0092U	<0.0074U	<0.056U	<0.047U	<0.26U	<0.0063U	<0.0082U	<0.0077U	<0.034U
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<0.0072U	<0.0085U	<0.031U	<0.0073U	<0.036U	<0.0093U	<0.056UJ	<0.0075U	<0.012U	<0.0074U	<0.015U	-	<0.025U	<0.01U	<0.008U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0083U	<0.037U
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.035U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0095U	<0.0077U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0079U	<0.035U
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	<0.0074U	0.019J	<0.031U	0.015J	<0.037U	0.048J	<0.057U	<0.0077U	<0.012U	<0.0076U	<0.015U	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.052U	<0.29U	<0.0071U	0.056J	<0.0085U	<0.038U
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	<0.007U	0.039J	<0.03U	0.037J	<0.035U	0.14	<0.054U	0.14	0.19	0.13	0.074	-	<0.024U	<0.0097U	<0.0078U	<0.059U	<0.05U	<0.27U	0.016J	0.17	0.022J	<0.036U
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	0.16	0.33	<0.031U	0.49	<0.037U	1.1	<0.057U	1.1	1.4	0.99	0.55	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	0.16	1.2	0.24	0.14J
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.34U	<0.34U	-	<0.34U	-	<0.34U	-	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	-	<0.34U	<0.34U	<0.34U	<0.34U
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	0.63	-	0.53	-	1.3	-	1.6	1.3	0.2	1.5	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	1.3	0.48	<0.38U
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<1.8U	2.8	-	<1.8U	-	4.4	-	5.4	5.2	4.9	4.6	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	-	<1.8U	5.1	<1.8U	<1.8U
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	<0.0067U	0.0091J	<0.029U	0.014J	<0.034U	0.038J	<0.052U	0.028J	0.053J	<0.0069U	0.017J	-	<0.023U	<0.0094U	<0.0075U	<0.056U	<0.048U	<0.26U	<0.0064U	0.071	<0.0078U	<0.034U
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	<0.007U	<0.0083U	<0.03U	0.01J	<0.035U	0.022J	<0.055U	0.018J	0.023J	0.021J	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	0.048J	<0.0081U	<0.036U
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.037U	0.031J	<0.057U	0.021J	0.057J	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	<0.007U	0.14	<0.0084U	0.087J
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<1.9U	<1.9U	-	<1.9U	-	<1.9U	-	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	-	<1.9U	2.1	<1.9U	<1.9U
SSHS-B54	B54-4-6	9/13/2000	4-6	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	<0.0077U	<0.0092U	<0.033U	0.01J	<0.039U	0.032J	<0.06U	0.021J	0.054J	0.03J	<0.016U	-	<0.026U	<0.011U	<0.0086U	<0.065U	<0.055U	<0.3U	<0.0074U	0.095	<0.0089U	0.049J
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	-	<0.38U	-	0.78	-	0.88	0.8	0.71	0.72	<0.38U	<0.38U	<0.38U	<0.38U	0.91	<0.38U	-	<0.38U	0.94	<0.38U	<0.38U
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	0.011	<0.00082U	0.038	0.015J	<0.0035U	0.061J	<0.0054U	0.052J	0.075J	0.052J	0.022J	-	<0.0024U	<0.00096U	<0.00077U	<0.0058U	<0.0049U	<0.027U	0.0092	0.1J	0.018J	0.078J
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	0.0068J	<0.00082U	0.023J	0.0043J	<0.0035U	0.024	<0.0054U	0.018	0.026	0.021	0.01	-	<0.0024U	<0.00096U	<0.00078U	0.035J	<0.0049U	<0.027U	<0.00066U	0.041	0.0066J	0.041
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	<0.00036U	<0.00043U	<0.0016U	<0.00037U	<0.0018U	<0.00048U	<0.0028U	<0.00038U	<0.0006U	<0.00038U	<0.00077U	-	<0.0012U	<0.00051U	<0.00041U	<0.0031U	<0.0026U	<0.014U	<0.00035U	<0.00045U	<0.00042U	<0.0019U
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	<0.00035U	<0.00042U	<0.0015U	<0.00036U	<0.0018U	<0.00046U	<0.0027U	<0.00037U	<0.00057U	<0.00036U	<0.00074U	-	<0.0012U	<0.00049U	<0.00039U	<0.003U	<0.0025U	<0.014U	<0.00034U	<0.00044U	<0.00041U	<0.0018U
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	<0.00035U	<0.00041U	0.0059J	0.00069J	<0.0018U	0.003J	<0.0027U	0.0018J	0.0031J	<0.00036U	<0.00073U	-	<0.0012U	<0.00048U	<0.00039U	0.0058J	<0.0025U	<0.014U	0.0011J	0.0052	<0.0004U	0.013J
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	<0.00036U	<0.00043U	<0.0016U	<0.00037U	<0.0018U	<0.00047U	<0.0028U	<0.00038U	<0.0006U	<0.00038U	<0.00077U	-	<0.0012U	<0.00051U	<0.00041U	<0.0031U	<0.0026U	<0.014U	<0.00035U	<0.00045U	<0.00042U	<0.0019U
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.35U	<0.35U	-	<0.35U	-	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	0.018	<0.00081U	0.072	0.02	<0.0034U	0.09J	<0.0053U	0.067J	0.12J	0.071J	0.023	-	<0.0023U	<0.00095U	<0.00076U	<0.0057U	<0.0048U	<0.027U	0.018	0.2J	0.028	0.15
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	<0.0066U	<0.0078U	<0.028U	0.013J	<0.033U	0.039J	<0.051U	0.029J	0.052J	0.029J	<0.014U	-	<0.022U	<0.0092U	<0.0074U	<0.055U	<0.047U	<0.26U	0.0087J	0.076	<0.0076U	0.036J
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.35U	<0.35U	-	<0.35U	-	0.4	-	0.41	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	-	<0.35U	0.39	<0.35U	<0.35U
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.035U	0.068J	<0.053U	0.055J	0.068J	0.061J	0.037J	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	0.093	0.011J	<0.035U
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	0.18	<0.054U	0.059J	0.11	0.047J	0.037J	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0067U	0.46	<0.0081U	<0.036U
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.0068U	0.039J	<0.029U	<0.0069U	<0.034U	0.088	<0.053U	0.065J	0.088	0.071	0.037J	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	0.16	<0.0078U	<0.035U
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.035U	0.16	<0.054U	0.082	0.12	0.058J	0.042J	-	<0.024U	<0.0096U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0066U	0.47	<0.008U	<0.035U
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	<0.0069U	0.027J	<0.03U	0.04J	<0.035U	0.11	<0.054U	0.095	0.11	0.074	0.053J	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	0.014J	0.091	0.02J	<0.035U
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	<0.034U	<0.04U	<0.14U	<0.034U	<0.17U	<0.044U	<0.26U	<0.035U	<0.055U	<0.035U	<0.071U	-	<0.12U	<0.047U	<0.038U	<0.28U	<0.24U	-	<0.032U	<0.042U	<0.039U	<0.17U
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0088U	<0.052U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0075U	<0.057U	<0.048U	<0.26U	<0.0064U	<0.0083U	<0.0078U	<0.034U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																							VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	0.00048	0.00038	0.0004	0.0019	0.0013	0.00037	-	0.00032	0.0015	0.00042	0.0017	0.0016	0.0006	0.00043	0	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B38	B38	9/12/2000	1-4.5	<1.8U	<1.8U	<1.8U	<1.8U	11	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	2.4	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.5U	5.7	<1.8U	8.4.	-	<1.8U	-
SSHS-B39	B39	9/12/2000	0.5-2.5	<1.8U	<1.8U	<1.8U	<1.8U	0.65J	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	0.42J	<1.8U	0.27J	<1.8U	<1.8U	<1.8U	<9.2U	0.38J	<1.8U	0.53J	-	<1.8U	-
SSHS-B399	SSHS-B399-SUB-0-2	8/25/2016	0-2	0.041J	<0.04U	<0.046U	<0.039U	0.073J	<0.0097U	<0.0078U	<0.0082U	<0.04U	<0.026U	<0.0076U	<0.028U	0.034J	<0.031U	<0.0086U	<0.034U	<0.033U	0.035J	<0.0087U	0.061J	-	-	-
SSHS-B4	B23487	5/12/2000	2-4	-	-	-	-	<4U	<4U	<4U	-	-	-	<4U	-	<4U	-	-	-	<9.7U	<4U	<4U	<4U	-	<4U	-
SSHS-B40	B40	9/12/2000	0.5-2.5	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<9.5U	<1.9U	<1.9U	<1.9U	-	<1.9U	-
SSHS-B402	SSHS-B402-SUB-0-2	8/30/2016	0-2	<0.4U	<0.4U	<0.46U	<0.39U	1.3	<0.098U	<0.079U	<0.083U	<0.4U	<0.27U	0.58J	<0.28U	0.21J	<0.31U	<0.087U	<0.34U	-	0.66J	<0.087U	1.4	-	-	-
SSHS-B404	SSHS-B404-SUB-0-2	8/25/2016	0-2	<0.38U	<0.38U	<0.44U	<0.37U	<0.075U	<0.092U	<0.074U	<0.078U	<0.38U	<0.25U	<0.072U	<0.26U	<0.06U	<0.29U	<0.082U	<0.32U	<0.31U	<0.11U	<0.083U	<0.071U	-	-	-
SSHS-B405	SSHS-B405-SUB-0.17-1	8/25/2016	0.17-1	<0.08U	<0.08U	<0.092U	<0.077U	20	0.45	<0.016U	<0.016U	<0.079U	<0.053U	5.8	<0.055U	0.84	<0.061U	<0.017U	<0.068U	<0.066U	11	<0.017U	14	-	-	-
SSHS-B405	SSHS-B405-SUB-1-2	8/25/2016	1-2	<0.038U	<0.038U	<0.043U	<0.037U	1.6	0.036J	<0.0074U	<0.0078U	<0.037U	<0.025U	0.41	<0.026U	0.072	<0.029U	<0.0081U	<0.032U	<0.031U	0.82	<0.0082U	1.1	-	-	-
SSHS-B406	SSHS-B406-SUB-0.17-1	8/25/2016	0.17-1	<0.042U	<0.042U	<0.049U	<0.041U	0.38	<0.01U	<0.0083U	<0.0087U	<0.042U	<0.028U	0.21	<0.029U	0.096	<0.032U	<0.0091U	<0.036U	<0.035U	0.14	<0.0092U	0.31	-	-	-
SSHS-B406	SSHS-B406-SUB-1-2	8/25/2016	1-2	<0.04U	<0.04U	<0.046U	<0.039U	0.57	0.027J	<0.0079U	<0.0083U	<0.04U	<0.027U	0.19	<0.028U	0.078	<0.031U	<0.0087U	<0.034U	<0.033U	0.35	<0.0087U	0.4	-	-	-
SSHS-B41	B41-0.5-2.5	9/12/2000	0.5-2.5	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B410	SSHS-B410-SUB-0-2	8/25/2016	0-2	<0.044U	<0.043U	<0.05U	<0.042U	0.048J	<0.011U	<0.0085U	<0.0089U	<0.043U	<0.029U	<0.0082U	<0.03U	0.059J	<0.033U	<0.0094U	<0.037U	<0.036U	<0.013U	<0.0094U	0.044J	-	-	-
SSHS-B42	B42-0.5-2.5	9/12/2000	0.5-2.5	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<0.75U	<3.8U	2	<0.75U	<0.75U	-	<0.75U	-
SSHS-B424	SSHS-B424-SUB-0-2	8/22/2016	0-2	<0.042U	<0.042U	<0.049U	<0.041U	0.66	<0.01U	<0.0082U	<0.0087U	<0.042U	<0.028U	0.21	<0.029U	0.055J	<0.032U	<0.0091U	<0.036U	<0.035U	0.36	<0.0091U	0.65	-	-	-
SSHS-B429	SSHS-B429-SUB-0.17-2	8/26/2016	0.17-2	<0.042U	<0.042U	<0.048U	<0.041U	0.92	0.082	<0.0082U	<0.0086U	<0.041U	<0.028U	0.26	<0.029U	0.07J	<0.032U	<0.009U	<0.036U	<0.034U	0.66	<0.0091U	0.63	-	-	-
SSHS-B42-A	SSHS-B42-A-0.17-2 (1)	8/15/2014	0.17-2	<0.042U	<0.042U	<0.048U	<0.041U	5.1	0.17	<0.0082U	<0.0086U	<0.042U	<0.028U	3.2	<0.029U	1.4	<0.032U	<0.0091U	<0.036U	<0.035U	1.4	<0.0091U	4.9	-	<0.00075U	-
SSHS-B42-A	SSHS-B42-A-11-13 (12)	8/15/2014	11-13	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.028U	<0.0063U	<0.03U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.00064U	-
SSHS-B42-A	SSHS-B42-A-3-5 (4)	8/15/2014	3-5	<0.042U	<0.042U	<0.049U	<0.041U	0.98	<0.021J	<0.0083U	<0.0087U	<0.042U	<0.028U	0.32	<0.029U	<0.041J	<0.032U	<0.0091U	<0.036U	<0.035U	0.5	<0.0092U	0.8	-	<0.00095U	-
SSHS-B42-A	SSHS-B42-A-7-9 (8)	8/15/2014	7-9	<0.042U	<0.041U	<0.048U	<0.04U	<0.0081U	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0078U	<0.029U	<0.0066U	<0.032U	<0.0089U	<0.035U	<0.034U	<0.012U	<0.009U	<0.0077U	-	<0.00069U	-
SSHS-B43	B43-0.5-2.5	9/12/2000	0.5-2.5	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2U	<0.4U	<0.4U	<0.4U	-	<0.4U	-
SSHS-B432	SSHS-B432-SUB-0-2	8/22/2016	0-2	<0.045U	<0.044U	<0.051U	<0.043U	0.053J	<0.011U	<0.0087U	<0.0091U	<0.044U	<0.029U	<0.0084U	<0.031U	0.035J	<0.034U	<0.0096U	<0.038U	<0.036U	0.04J	<0.0096U	0.058J	-	-	-
SSHS-B434	SSHS-B434-SUB-0-2	8/22/2016	0-2	<0.043U	<0.043U	<0.049U	<0.041U	0.31	0.027J	<0.0084U	<0.0088U	<0.042U	<0.028U	0.11	<0.03U	0.042J	<0.033U	<0.0092U	<0.036U	<0.035U	0.24	<0.0093U	0.3	-	-	-
SSHS-B43-A	SSHS-B43-A-0.17-2 (1.5)	8/15/2014	0.17-2	<0.042U	<0.042U	<0.048U	<0.04U	0.28	<0.015J	<0.0082U	<0.0086U	<0.041U	<0.028U	0.13	<0.029U	<0.022J	<0.032U	<0.009U	<0.035U	<0.034U	0.14	<0.009U	0.28	-	<0.00074U	-
SSHS-B43-A	SSHS-B43-A-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.038U	<0.037U	<0.043U	<0.036U	<0.0074U	<0.0091U	<0.0073U	<0.0077U	<0.037U	<0.025U	<0.0071U	<0.026U	<0.0059U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.011U	<0.0081U	<0.007U	-	<0.00063U	-
SSHS-B43-A	SSHS-B43-A-2-6 (4)	8/15/2014	2-6	<0.041U	<0.041U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0064U	<0.031U	<0.0087U	<0.035U	<0.033U	<0.012U	<0.0088U	<0.0075U	-	<0.0006U	-
SSHS-B43-A	SSHS-B43-A-7-9 (8)	8/15/2014	7-9	<0.039U	<0.039U	<0.044U	<0.037U	<0.0076U	<0.0093U	<0.0076U	<0.0079U	<0.038U	<0.025U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00059U	-
SSHS-B44	B44-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.9U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B448	SSHS-B448-SUB-0-2	8/25/2016	0-2	0.046J	<0.042U	<0.048U	<0.04U	0.07J	<0.01U	<0.0082U	<0.0086U	<0.041U	<0.028U	<0.0079U	<0.029U	<0.0066U	<0.032U	<0.009U	<0.035U	<0.034U	0.037J	<0.0091U	0.076J	-	-	-
SSHS-B449	SSHS-B449-SUB-0-2	8/30/2016	0-2	<0.04U	<0.04U	<0.045U	<0.038U	0.21	<0.0096U	<0.0077U	<0.0081U	<0.039U	<0.026U	0.11	<0.027U	0.098	<0.03U	<0.0085U	<0.034U	<0.032U	0.13	<0.0086U	0.23	-	-	-
SSHS-B45	B45-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B450	SSHS-B450-SUB-0-2	8/25/2016	0-2	<0.041U	<0.041U	<0.047U	<0.04U	1.9	0.17	<0.0081U	<0.0085U	<0.041U	<0.027U	0.87	<0.029U	0.36	<0.032U	<0.0089U	<0.035U	<0.034U	1.2	<0.009U	1.7	-	-	-
SSHS-B46	B46-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B46	B46-8-10	9/13/2000	8-10	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<0.34U	<1.8U	<0.34U	<0.34U	<0.34U	-	<0.34U	-
SSHS-B47	B47-3-5	9/13/2000	3-5	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B48	B48-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-B49	B49-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<0.38U	<0.38U	2.5	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	1.5	<0.38U	0.61	<0.38U	<0.38U	<0.38U	<1.9U	1.2	<0.38U	1.9	-	<0.38U	-
SSHS-B50	B50-0.5-2.5	9/13/2000	0.5-2.5	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B50	B50-4-7	9/13/2000	4-7	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B51	B51-0.5-2.5	9/13/2000	0.5-2.5	<1.8U	<1.8U	<1.8U	<1.8U	5.9	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	4	<1.8U	<1.8U	<1.8U	<1.8U	<1.8U	<9.3U	<1.8U	<1.8U	8.6	-	<1.8U	-
SSHS-B517	SSHS-B517-SUB-0-2	9/23/2016	0-2	<0.038U	<0.038U	<0.044U	<0.037U	0.062J	<0.0092U	<0.0074U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	0.046J	<0.029U	<0.0082U	<0.032U	<0.031U	0.047J	<0.0082U	0.059J	-	-	-
SSHS-B52	B52-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B52	B52-4-6	9/13/2000	4-6	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B520	SSHS-B520-SUB-0-2	9/22/2016	0-2	<0.04U	<0.04U	<0.046U	<0.038U	0.036J	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.027U	0.068J	<0.03U	<0.0085U	<0.034U	<0.033U	0.078	<0.0086U	0.038J	-	-	-
SSHS-B53	B53-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.9U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B537	SSHS-B537-SUB-6-8	9/22/2016	6-8	<0.041U	<0.041U	<0.047U	<0.04U	0.09	0.081	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0078U	<0.029U	0.15	<0.032U	<0.0089U	<0.035U	<0.034U	0.33	<0.009U	0.081	-	-	-
SSHS-B54	B54-0.5-2.5	9/13/2000	0.5-2.5	<1.9U	<1.9U	<1.9U	<1.9U	2.9	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<1.9U	<10U	3.2	<1.9U	2.1	-	<1.9U	-
SSHS-B54	B54-4-6	9/13/2000	4-6	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-B548	SSHS-B548-SUB-6-8	9/21/2016	6-8	<0.044U	<0.044U	<0.05U	<0.042U	0.073J	0.019J	<0.0085U	<0.009U	<0.043U	<0.029U	0.021J	<0.03U	0.085	<0.033U	<0.0094U	<0.037U	<0.036U	0.2	<0.0095U	0.06J	-	-	-
SSHS-B55	B55-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<0.38U	<0.38U	1.8	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	0.65	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	0.5	<0.38U	1.5	-	<0.38U	-
SSHS-B557	SSHS-B557-SUB-2-4	9/7/2016	2-4	<0.0039U	<0.0039U	<0.0045U	<0.0038U	0.084J	0.012	<0.00076U	<0.0008U	<0.0039U	<0.0026U	0.043J	<0.0027U	0.21J	<0.003U	<0.00084U	<0.0033U	<0.0032U	0.22J	<0.00085U	0.086J	-	-	-
SSHS-B557	SSHS-B557-SUB-4-6	9/7/2016	4-6	<0.0039U	<0.0039U	<0.0045U	<0.0038U	0.027	0.0078	<0.00077U	<0.0008U	<0.0039U	<0.0026U	0.014	<0.0027U	0.12	<0.003U	<0.00084U	<0.0033U	<0.0032U	0.096	<0.00085U	0.029	-	-	-
SSHS-B557	SSHS-B557-SUB-6-8	9/7/2016	6-8	<0.0021U	<0.0021U	<0.0024U	<0.002U	<0.00041U	<0.0005U	<0.0004U	<0.00042U	<0.002U	<0.0014U	<0.00039U	<0.0014U	<0.00033U	<0.0016U	<0.00045U	<0.0018U	<0.0017U	<0.0006U	<0.00045U	<0.00038U	-	-	-
SSHS-B558	SSHS-B558-SUB-2-4	9/7/2016	2-4	<0.002U	<0.002U	<0.0023U	<0.0019U	<0.00039U	<0.00048U	<0.00039U	<0.00041U	<0.002U	<0.0013U	<0.00038U	<0.0014U	<0.00032U	<0.0015U	<0.00043U	<0.0017U	<0.0016U	0.0013J	<0.00043U	<0.00037U	-	-	-
SSHS-B558	SSHS-B558-SUB-4-6	9/7/2016	4-6	<0.002U	<0.002U	<0.0023U	<0.0019U	0.003J	0.0024J	<0.00038U	<0.0004U	<0.0019U	<0.0013U	<0.00037U	<0.0014U	0.033	<0.0015U	<0.00042U	<0.0017U	<0.0016U	0.021	<0.00043U	0.0034J	-	-	-
SSHS-B558	SSHS-B558-SUB-6-8	9/7/2016	6-8	<0.0021U	<0.0021U	<0.0024U	<0.002U	<0.00041U	<0.0005U	<0.0004U	<0.00042U	<0.002U	<0.0014U	<0.00039U	<0.0014U	<0.00033U	<0.0016U	<0.00044U	<0.0018U	<0.0017U	<0.0006U	<0.00045U	<0.00038U	-	-	-
SSHS-B56	B56-0.5-2.5	9/13/2000	0.5-2.5	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	-	<0.35U	-
SSHS-B560	SSHS-B560-SUB-0-2	9/7/2016	0-2	<0.0039U	<0.0038U	0.013J	<0.0037U	0.12	0.028	<0.00075U	<0.00079U	<0.0038U	<0.0025U	0.049J	<0.0027U	0.36J	<0.0029U	<0.00083U	<0.0033U	<0.0032U	0.44J	<0.00083U	0.11J	-	-	-
SSHS-B568	SSHS-B568-SUB-0-2	9/21/2016	0-2	<0.037U	<0.037U	<0.043U	<0.036U	0.096	0.016J	<0.0073U	<0.0076U	<0.037U	<0.025U	0.021J	<0.026U	0.059J	<0.028U	<0.008U	<0.032U	<0.031U	0.16	<0.0081U	0.091	-	-	-
SSHS-B57	B57-0.5-2.5	9/13/2000	0.5-2.5	<0.35U	<0.35U	<0.35U	<0.35U	0.63	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<0.35U	<1.8U	<0.35U	<0.35U	<0.35U	-	<0.35U	-
SSHS-B572	SSHS-B572A-SUB-10-12	9/2/2016	10-12	<0.039U	<0.039U	<0.045U	<0.038U	0.11	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	0.043J	<0.027U	<0.0061U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0084U	0.14	-	<0.0029U	-
SSHS-B572	SSHS-B572A-SUB-12-14	9/2/2016	12-14	<0.04U	<0.039U	<0.045U	<0.038U	<0.0077U	0.16	<0.0077U	<0.0081U	<0.039U	<0.026U	0.05J	<0.027U	<0.0062U	<0.03U	<0.0085U	<0.034U	<0.032U	0.48	<0.0086U	<0.0073U	-	-	-
SSHS-B572	SSHS-B572A-SUB-14-16	9/2/2016	14-16	<0.039U	<0.038U	<0.044U	<0.037U	0.17	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	0.045J	<0.027U	0.018J	<0.029U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0083U	0.19	-	<0.0038U	-
SSHS-B572	SSHS-B572A-SUB-16-18	9/2/2016	16-18	<0.039U	<0.039U	<0.045U	<0.038U	0.42	<0.0095U	<0.0076U	<0.008U	<0.039U	<0.026U	0.053J	<0.027U	<0.0062U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0085U	0.41	-	<0.0021UJ	-
SSHS-B572	SSHS-B572-SUB-0-2	8/30/2016	0-2	<0.039U	<0.039U	<0.045U	<0.038U	0.2	<0.0095U	<0.0077U	<0.008U	<0.039U	<0.026U	0.066J	<0.027U	0.025J	<0.03U	<0.0084U	<0.033U	<0.032U	0.13	<0.0085U	0.2	-	-	-
SSHS-B575A	SSHS-B575A-SUB-0-2	9/19/2016	0-2	<0.19U	<0.19U	<0.22U	<0.18U	<0.037U	<0.046U	<0.037U	<0.039U	<0.19UJ	<0.13U	<0.036U	<0.13U	<0.03U	<0.15U	<0.041U	<0.16U	<0.16UJ	<0.056U	<0.041U	<0.035U	-	<0.0026U	-
SSHS-B575A	SSHS-B575A-SUB-14-16	9/19/2016	14-16	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0074U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.0029U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	<0.003U	<0.0019U	<0.0035U	<0.0019U	<0.0028U	<0.0044U	<0.0011U	<0.0039U	<0.0027U	<0.0011U	<0.0014U	<0.0044UJ	<0.0011U	<0.0023U	<0.0018U	<0.0014U	<0.002U	<0.0045U	<0.0013U	<0.0024U	<0.0021U	<0.0012U
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	<0.0031U	<0.002U	<0.0037U	<0.002U	<0.003U	<0.0046U	<0.0011U	<0.0041U	<0.0029U	<0.0012U	<0.0015U	<0.0046U	<0.0011U	<0.0024U	<0.0019U	<0.0015U	<0.002U	<0.0047U	<0.0014U	<0.0025U	<0.0022U	<0.0013U
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	<0.0049U	<0.0032U	<0.0059U	<0.0032U	<0.0047U	<0.0074U	<0.0018U	<0.0065U	<0.0046U	<0.0018U	<0.0024U	<0.0074U	<0.0018U	0.0065J	<0.003U	<0.0023U	<0.0033U	<0.0075U	<0.0022U	<0.004U	<0.0035U	<0.002U
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	<0.0029U	<0.0019U	<0.0035U	<0.0019U	<0.0028U	<0.0043U	<0.001U	<0.0038U	<0.0027U	<0.0011U	<0.0014U	<0.0043U	<0.0011U	<0.0023U	<0.0018U	<0.0014U	<0.0019U	<0.0043U	<0.0013U	<0.0024U	<0.002U	<0.0012U
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	<0.0064U	<0.0042U	<0.0077U	<0.0041U	<0.0061U	<0.0096U	<0.0023U	<0.0084U	<0.0059U	<0.0024U	<0.0031U	<0.0096U	<0.0024U	<0.005U	<0.0039U	<0.003U	<0.0042U	<0.0096U	<0.0029U	<0.0052U	<0.0045U	<0.0026U
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	<0.0029U	<0.0019U	<0.0035U	<0.0019U	<0.0028U	<0.0044U	<0.001U	<0.0039U	<0.0027U	<0.0011U	<0.0014U	<0.0044U	<0.0011U	<0.0023U	<0.0018U	<0.0014U	<0.0019U	<0.0044U	<0.0013U	<0.0024U	<0.0021U	<0.0012U
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	<0.0019U	<0.0013U	<0.0023U	<0.0013U	<0.0019U	<0.0029U	<0.00069U	<0.0026U	<0.0018U	<0.00072U	<0.00093U	<0.0029U	<0.00072U	<0.0015U	<0.0012U	<0.00092U	<0.0013U	<0.0029U	<0.00088U	<0.0016U	<0.0014U	<0.0008U
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.0054U	-	<0.0054U	-	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U
SSHS-B6	B23486	5/11/2000	1-3	<0.0055U	<0.0055U	<0.055U	<0.055U	<0.055U	-	<0.055U	-	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	-	<0.0055U	-	-	0.0013J
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.00056U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U	<0.0006U	<0.00069U	<0.00048U	<0.00071U	<0.00063U	<0.00051U	-	<0.00045U	<0.00058U	<0.00047U	<0.00037U	<0.00037U	<0.00059U	<0.0013U	<0.00049U
SSHS-B64	SSHS-B64-10-12 (11)	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	<0.00049U
SSHS-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.0011U	<0.001U	<0.0012U	<0.0024U	<0.0013U	-	<0.00079U	<0.0012U	<0.0013U	<0.00093U	<0.0014U	<0.0012U	<0.00099U	-	<0.00088U	<0.0011U	<0.00091U	<0.00072U	<0.00072U	<0.0011U	<0.0025U	<0.00095U
SSHS-B64	SSHS-B64-6-9 (9)	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	<0.00048U
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.00062U	<0.00059U	<0.00067U	<0.0013U	<0.00072U	-	<0.00045U	<0.00066U	<0.00076U	<0.00053U	<0.00078U	<0.00069U	<0.00056U	-	<0.0005U	<0.00063U	<0.00052U	<0.00041U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B65	SSHS-B65-10-12 (11)	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	<0.00047U
SSHS-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.00056U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U	<0.0006U	<0.00069U	<0.00048U	<0.00071U	<0.00063U	<0.00051U	-	<0.00045U	<0.00058U	<0.00047U	<0.00037U	<0.00037U	<0.00059U	<0.0013U	<0.00049U
SSHS-B65	SSHS-B65-8-10 (9)	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	<0.00057U
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00073U	-	<0.00045U	<0.00067U	<0.00077U	<0.00054U	<0.00079U	<0.0007U	<0.00057U	-	<0.00051U	<0.00064U	<0.00052U	<0.00041U	<0.00042U	<0.00066U	<0.0014U	<0.00054U
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.00057U	<0.00054U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00049U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00038U	<0.0006U	<0.0013U	<0.00049U
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.00067U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00049U	<0.00072U	<0.00083U	<0.00057U	<0.00085U	<0.00075U	<0.00061U	-	<0.00054U	<0.00069U	<0.00056U	<0.00044U	<0.00045U	<0.00071U	<0.0015U	<0.00058U
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.00075U	<0.00071U	<0.00081U	<0.0016U	<0.00086U	-	<0.00054U	<0.00079U	<0.00092U	<0.00064U	<0.00094U	<0.00083U	<0.00068U	-	<0.0006U	<0.00076U	<0.00062U	<0.00049U	<0.00049U	<0.00079U	<0.0017U	<0.00065U
SSHS-B67	SSHS-B67-10-12 (11)	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	<0.00056U
SSHS-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.00062U	<0.00059U	<0.00067U	<0.0013U	<0.00071U	-	<0.00044U	<0.00066U	<0.00076U	<0.00053U	<0.00077U	<0.00068U	<0.00056U	-	<0.0005U	<0.00063U	<0.00051U	<0.0004U	<0.00041U	<0.00065U	<0.0014U	<0.00053U
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<0.00072U	<0.00069U	<0.00078U	<0.0016U	<0.00083U	-	<0.00052U	<0.00077U	<0.00089U	<0.00061U	<0.00091U	<0.0008U	<0.00065U	-	<0.00058U	<0.00073U	<0.0006U	<0.00047U	<0.00048U	<0.00076U	<0.0017U	<0.00062U
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.00069U	<0.00066U	<0.00075U	<0.0015U	<0.0008U	-	<0.0005U	<0.00073U	<0.00085U	<0.00059U	<0.00087U	<0.00077U	<0.00063U	-	<0.00056U	<0.0007U	<0.00057U	<0.00045U	<0.00046U	<0.00073U	<0.0016U	<0.0006U
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.00073U	<0.0007U	<0.00079U	<0.0016U	<0.00085U	-	<0.00053U	<0.00078U	<0.0009U	<0.00062U	<0.00092U	<0.00081U	<0.00067U	-	<0.00059U	<0.00075U	<0.00061U	<0.00048U	<0.00048U	<0.00077U	<0.0017U	<0.00063U
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00074U	-	<0.00046U	<0.00068U	<0.00079U	<0.00054U	<0.0008U	<0.00071U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.00057U	<0.00054U	<0.00061U	<0.0012U	<0.00066U	-	<0.00041U	<0.0006U	<0.0007U	<0.00048U	<0.00071U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00038U	<0.0006U	<0.0013U	<0.00049U
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.00082U	<0.00078U	<0.00089U	<0.0018U	<0.00095U	-	<0.00059U	<0.00087U	<0.001U	<0.0007U	<0.001U	<0.00091U	<0.00074U	-	<0.00066U	<0.00084U	<0.00068U	<0.00054U	<0.00054U	<0.00086U	<0.0019U	<0.00071U
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.00062U	<0.00059U	<0.00067U	<0.0013U	<0.00071U	-	<0.00044U	<0.00066U	<0.00076U	<0.00053U	<0.00078U	<0.00068U	<0.00056U	-	<0.0005U	<0.00063U	<0.00051U	<0.0004U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.0008U	<0.00076U	<0.00087U	<0.0017U	<0.00093U	-	<0.00058U,*	<0.00085U	<0.00099U	<0.00068U	<0.001U	<0.00089U	<0.00073U	-	<0.00065U	<0.00082U	<0.00067U	<0.00053U	<0.00053U,*	<0.00084U	<0.0018U	<0.0007U
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.00059U	<0.00056U	<0.00063U	<0.0013U	<0.00068U	-	<0.00042U	<0.00062U	<0.00072U	<0.0005U	<0.00074U	<0.00065U	<0.00053U	-	<0.00047U	<0.0006U	<0.00049U	<0.00038U	<0.00039U	<0.00062U	<0.0013U	<0.00051U
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.00074U	<0.0007U	<0.0008U	<0.0016U	<0.00085U	-	<0.00053U	<0.00079U	<0.00091U	<0.00063U	<0.00093U	<0.00082U	<0.00067U	-	<0.0006U	<0.00075U	<0.00062U	<0.00048U	<0.00049U	<0.00078U	<0.0017U	<0.00064U
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.00072U	<0.00068U	<0.00077U	<0.0016U	<0.00083U	-	<0.00052U	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.00079U	<0.00065U	-	<0.00058U	<0.00073U	<0.0006U	<0.00047U	<0.00047U	<0.00075U	<0.0016U	<0.00062U
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00072U	<0.00068U	<0.00077U	<0.0016U	<0.00083U	-	<0.00052U,*	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.00079U	<0.00065U	-	<0.00058U	<0.00073U	<0.00059U	<0.00047U	<0.00047U,*	<0.00075U	<0.0016U	<0.00062U
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.00071U	<0.00067U	<0.00077U	<0.0015U	<0.00082U	-	<0.00051U,*	<0.00075U	<0.00087U	<0.0006U	<0.00089U	<0.00079U	<0.00064U	-	<0.00057U	<0.00072U	<0.00059U	<0.00046U	<0.00047U,*	<0.00074U	<0.0016U	<0.00061U
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00073U	-	<0.00045U,*	<0.00067U	<0.00077U	<0.00054U	<0.00079U	<0.0007U	<0.00057U	-	<0.00051U	<0.00064U	<0.00052U	<0.00041U	<0.00042U,*	<0.00066U	<0.0014U	<0.00055U
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.00062U	<0.00059U	<0.00066U	<0.0013U	<0.00071U	-	<0.00044U,*	<0.00065U	<0.00076U	<0.00052U	<0.00077U	<0.00068U	<0.00056U	-	<0.00049U	<0.00063U	<0.00051U	<0.0004U	<0.00041U,*	<0.00065U	<0.0014U	<0.00053U
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00056U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U,*	<0.0006U	<0.00069U	<0.00048U	<0.00071U	<0.00062U	<0.00051U	-	<0.00045U	<0.00057U	<0.00047U	<0.00037U	<0.00037U,*	<0.00059U	<0.0013U	<0.00049U
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.00055U	<0.00053U	<0.0006U	<0.0012U	<0.00064U	-	<0.0004U,*	<0.00059U	<0.00068U	<0.00047U	<0.0007U	<0.00061U	<0.0005U	-	<0.00045U	<0.00056U	<0.00046U	<0.00036U	<0.00037U,*	<0.00058U	<0.0013U	<0.00048U
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00072U	-	<0.00045U	<0.00067U	<0.00077U	<0.00053U	<0.00079U	<0.00069U	<0.00057U	-	<0.0005U	<0.00064U	<0.00052U	<0.00041U	<0.00041U	<0.00066U	<0.0014U	<0.00054U
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.00068U	<0.00065U	<0.00074U	<0.0015U	<0.00079U	-	<0.00049U	<0.00073U	<0.00084U	<0.00058U	<0.00086U	<0.00076U	<0.00062U	-	<0.00055U	<0.0007U	<0.00057U	<0.00045U	<0.00045U	<0.00072U	<0.0016U	<0.00059U
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.00058U	<0.00055U	<0.00063U	<0.0013U	<0.00067U	-	<0.00042U	<0.00062U	<0.00071U	<0.00049U	<0.00073U	<0.00064U	<0.00053U	-	<0.00047U	<0.00059U	<0.00048U	<0.00038U	<0.00038U	<0.00061U	<0.0013U	<0.0005U
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.00099U	<0.00094U	<0.0011U	<0.0022U	<0.0011U	-	<0.00071U	<0.0011U	<0.0012U	<0.00084U	<0.0012U	<0.0011U	<0.0009U	-	<0.0008U	<0.001U	<0.00082U	<0.00065U	<0.00066U	<0.001U	<0.0023U	<0.00086U
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<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	<0.00058U
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00077U	<0.00073U	<0.00083U	<0.0017U	<0.00088U	-	<0.00055U	<0.00082U	<0.00094U	<0.00065U	<0.00096U	<0.00085U	<0.0007U	-	<0.00062U	<0.00078U	<0.00064U	<0.0005U	<0.00051U	<0.00081U	<0.0018U	<0.00066U
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.00075U	<0.00071U	<0.00081U	<0.0016U	<0.00086U	-	<0.00054U	<0.00079U	<0.00092U	<0.00064U	<0.00094U	<0.00083U	<0.00068U	-	<0.0006U	<0.00076U	<0.00062U	<0.00049U	<0.00049U	<0.00079U	<0.0017U	<0.00065U
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.00075U	<0.00071U	<0.00081U	<0.0016U	<0.00086U	-	<0.00054U	<0.00079U	<0.00092U	<0.00064U	<0.00094U	<0.00083U	<0.00068U	-	<0.0006U	<0.00076U	<0.00062U	<0.00049U	<0.00049U	<0.00079U	<0.0017U	<0.00065U
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.00058U	<0.00055U	<0.00063U	<0.0013U	<0.00067U	-	<0.00042U	<0.00062U	<0.00072U	<0.0005U	<0.00073U	<0.00064U	<0.00053U	-	<0.00047U	<0.00059U	<0.00048U	<0.00038U	<0.00038U	<0.00061U	<0.0013U	<0.0005U
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00074U	<0.00071U	<0.0008U	<0.0016U	<0.00086U	-	<0.00054U	<0.00079U	<0.00091U	<0.00063U	<0.00093U	<0.00082U	<0.00067U	-	<0.0006U	<0.00076U	<0.00062U	<0.00049U	<0.00049U	<0.00078U	<0.0017U	<0.00064U
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<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	<0.00058U
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.0007U	<0.00066U	<0.00075U	<0.0015U	<0.00081U	-	<0.0005U	<0.00074U	<0.00086U	<0.0006U	<0.00088U	<0.00077U	<0.00063U	-	<0.00056U	<0.00071U	<0.00058U	<0.00046U	<0.00046U	<0.00073U	<0.0016U	<0.00061U
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<0.00073U	<0.0007U	<0.00079U	<0.0016U	<0.00084U	-	<0.00053U	<0.00078U	<0.0009U	<0.00062U	<0.00092U	<0.00081U	<0.00066U	-	<0.00059U	<0.00074U	<0.00061U	<0.00048U	<0.00048U	<0.00077U	<0.0017U	<0.00063U
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00073U	-	<0.00046U	<0.00068U	<0.00078U	<0.00054U	<0.0008U	<0.00071U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.00067U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00048U	<0.00071U	<0.00083U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00056U	<0.00044U	<0.00044U	<0.00071U	<0.0015U	<0.00058U
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.00068U	<0.00065U	<0.00073U	<0.0015U	<0.00078U	-	<0.00049U	<0.00072U	<0.00084U	<0.00058U	<0.00085U	<0.00075U	<0.00062U	-	<0.00055U	<0.00069U	<0.00056U	<0.00044U	<0.00045U	<0.00071U	<0.0016U	<0.00059U
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<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	<0.0006U
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00048U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00044U	<0.00069U	<0.0015U	<0.00057U
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00072U	-	<0.00045U	<0.00067U	<0.00077U	<0.00053U	<0.00079U	<0.00069U	<0.00057U	-	<0.0005U	<0.00064U	<0.00052U	<0.00041U	<0.00041U	<0.00066U	<0.0014U	<0.00054U
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00074U	-	<0.00046U	<0.00068U	<0.00079U	<0.00055U	<0.0008U	<0.00071U	<0.00058U	-	<0.00052U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.00067U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00048U	<0.00071U	<0.00083U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00056U	<0.00044U	<0.00044U	<0.00071U	<0.0015U	<0.00058U
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00072U	<0.00069U	<0.00078U	<0.0016U	<0.00083U	-	<0.00052U	<0.00077U	<0.00089U	<0.00061U	<0.00091U	<0.0008U	<0.00065U	-	<0.00058U	<0.00073U	<0.0006U	<0.00047U	<0.00048U	<0.00076U	<0.0017U	<0.00062U
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.00071U	<0.00068U	<0.00077U	<0.0016U	<0.00082U	-	<0.00051U,*	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.00079U	<0.00065U	-	<0.00057U	<0.00073U	<0.00059U	<0.00047U	<0.00047U,*	<0.00075U	<0.0016U	<0.00062U
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.00076U	<0.00072U	<0.00082U	<0.0017U	<0.00088U	-	<0.00055U,*	<0.00081U	<0.00093U	<0.00065U	<0.00095U	<0.00084U	<0.00069U	-	<0.00061U	<0.00077U	<0.00063U	<0.0005U	<0.0005U,*	<0.0008U	<0.0017U	<0.00066U
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.00087U	<0.00082U	<0.00094U	<0.0019U	<0.001U	-	<0.00062U,*	<0.00092U	<0.0011U	<0.00074U	<0.0011U	<0.00096U	<0.00079U	-	<0.0007U	<0.00088U	<0.00072U	<0.00057U	<0.00057U,*	<0.00091U	<0.002U	<0.00075U
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.00083U	<0.00079U	<0.0009U	<0.0018U	<0.00096U	-	<0.0006U	<0.00088U	<0.001U	<0.00071U	<0.001U	<0.00092U	<0.00075U	-	<0.00067U	<0.00085U	<0.00069U	<0.00054U	<0.00055U	<0.00087U	<0.0019U	<0.00072U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	<0.0026U	0.0019J	<0.0021U	0.0049U	<0.0011U	<0.0012U	<0.001U	<0.0023U	<0.0025U	<0.0039UJ	<0.004UJ	<0.0032UJ	<0.0029UJ	<0.0022U	<0.0021U	<0.0017U	<0.0029U	<0.0029U	-	-	-	-
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	<0.0027U	<0.0014U	<0.0022U	0.0051U	0.0031J	<0.0013U	<0.001U	<0.0025U	<0.0026U	<0.0041U	<0.0042U	<0.0033U	<0.003U	<0.0023U	<0.0022U	<0.0018U	<0.003U	<0.003U	-	-	-	-
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	<0.0043U	0.0065J	<0.0036U	0.0082U	0.0035J	0.047	<0.0017U	<0.0039U	<0.0042U	<0.0066U	<0.0067U	<0.0053U	<0.0049U	<0.0036U	<0.0035U	<0.0028U	<0.0048U	<0.0048U	-	-	-	-
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	<0.0025U	<0.0013U	<0.0021U	0.0048U	<0.0011U	<0.0012U	<0.00097U	<0.0023U	<0.0024U	<0.0039U	<0.0039U	<0.0031U	<0.0028U	<0.0021U	<0.002U	<0.0016U	<0.0028U	<0.0028U	-	-	-	-
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	<0.0056U	<0.0028U	<0.0046U	0.011U	0.04	<0.0026U	<0.0022U	<0.0051U	<0.0054U	<0.0085U	<0.0086U	<0.0069U	<0.0063U	<0.0047U	<0.0045U	<0.0036U	<0.0062U	<0.0062U	-	-	-	-
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	<0.0026U	<0.0013U	<0.0021U	0.0048U	<0.0011U	<0.0012U	<0.00099U	<0.0023U	<0.0025U	<0.0039U	<0.004U	<0.0032U	<0.0029U	<0.0022U	<0.0021U	<0.0017U	<0.0029U	<0.0029U	-	-	-	-
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	<0.0017U	<0.00086U	<0.0014U	0.0032U	<0.00072U	<0.0008U	<0.00066U	<0.0015U	<0.0016U	<0.0026U	<0.0026U	<0.0021U	<0.0019U	<0.0014U	<0.0014U	<0.0011U	<0.0019U	<0.0019U	-	-	-	-
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.38U	<0.38U	<0.38U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	<0.0054U	-	<0.36U	<0.36U	<0.36U	<0.0054U	-	<0.0054U	-	<0.0054U	-	-	-	-
SSHS-B6	B23486	5/11/2000	1-3	-	<0.0055U	-	<0.0055U	0.0014J	0.0086	<0.0055U	-	<0.055U	-	-	<0.36U	<0.36U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.00071U	<0.00059U	<0.00057U	<0.00056U	<0.00055U	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00063U	<0.00072U	<0.00062U	<0.00056U	<0.00077U	-	-	-	-
SSHS-B64	SSHS-B64-10-12 (11)	8/14/2014	10-12	<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-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.0014U	<0.0011U	<0.0011U	<0.0011U	<0.0011U	<0.0011U	<0.00096U	<0.00097U	<0.00076U	<0.0014U	<0.0014U	<0.0013U	<0.0011U	<0.0012U	<0.0014U	<0.0012U	<0.0011U	<0.0015U	-	-	-	-
SSHS-B64	SSHS-B64-6-9 (9)	8/14/2014	6-9	<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-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.00078U	<0.00065U	<0.00062U	<0.00062U	<0.0006U	<0.00062U	<0.00055U	<0.00055U	<0.00043U	<0.00078U	<0.00081U	<0.00073U	<0.0006U	<0.0007U	<0.00079U	<0.00068U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B65	SSHS-B65-10-12 (11)	8/14/2014	10-12	<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-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.00071U	<0.00059U	<0.00057U	<0.00056U	<0.0015J	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00063U	<0.00072U	<0.00062U	<0.00056U	<0.00077U	-	-	-	-
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<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-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.00079U	<0.00066U	<0.00063U	<0.00063U	<0.0024J	<0.00063U	<0.00056U	<0.00056U	<0.00044U	<0.00079U	<0.00082U	<0.00074U	<0.00061U	<0.00071U	<0.0008U	<0.00069U	<0.00062U	<0.00086U	-	-	-	-
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.00072U	<0.00072J	<0.00057U	<0.00057U	0.0051	<0.00057U	<0.0005U	<0.0005U	<0.0004U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00064U	<0.00073U	<0.00062U	<0.00056U	<0.00078U	-	-	-	-
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.00085U	<0.0007U	<0.00068U	<0.00067U	<0.00074J	<0.00068U	<0.0006U	<0.0006U	<0.00047U	<0.00084U	<0.00088U	<0.0008U	<0.00066U	<0.00076U	<0.00086U	<0.00074U	<0.00067U	<0.00092U	-	-	-	-
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.00094U	<0.00078U	<0.00075U	<0.00074U	<0.0025J	<0.00075U	<0.00066U	<0.00066U	<0.00052U	<0.00093U	<0.00098U	<0.00088U	<0.00073U	<0.00084U	<0.00095U	<0.00082U	<0.00074U	<0.001U	-	-	-	-
SSHS-B67	SSHS-B67-10-12 (11)	8/14/2014	10-12	<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-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.00078U	<0.00064U	<0.00062U	<0.00061U	<0.0006J	<0.00062U	<0.00054U	<0.00055U	<0.00043U	<0.00077U	<0.00081U	<0.00073U	<0.0006U	<0.00069U	<0.00079U	<0.00067U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<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-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.00087U	<0.00072U	<0.00069U	<0.00069U	<0.0015J	<0.0007U	<0.00061U	<0.00061U	<0.00048U	<0.00086U	<0.0009U	<0.00082U	<0.00067U	<0.00077U	<0.00088U	<0.00076U	<0.00068U	<0.00094U	-	-	-	-
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.00092U	<0.00076U	<0.00074U	<0.00073U	<0.00071U	<0.00074U	<0.00065U	<0.00065U	<0.00056J	<0.00092U	<0.00096U	<0.00087U	<0.00071U	<0.00082U	<0.00094U	<0.0008U	<0.00072U	<0.001U	-	-	-	-
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	<0.00081U	<0.0034J	<0.00064U	<0.00064U	0.0057	<0.00064U	<0.00056U	<0.00057U	<0.0043J	<0.0008U	<0.00083U	<0.00075U	<0.00062U	<0.00072U	<0.00082U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<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-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.001U	<0.00085U	<0.00082U	<0.00082U	<0.0016J	<0.00083U	<0.00072U	<0.00073U	<0.00057U	<0.001U	<0.0011U	<0.00097U	<0.0008U	<0.00092U	<0.001U	<0.0009U	<0.00081U	<0.0011U	-	-	-	-
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.00078U	<0.00064U	<0.00062U	<0.00062U	<0.0006U	<0.00062U	<0.00055U	<0.00055U	<0.00043U	<0.00077U	<0.00081U	<0.00073U	<0.0006U	<0.00069U	<0.00079U	<0.00068U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.001U	<0.00084U	<0.00081U	<0.0008U	<0.00078U	<0.00081U	<0.00071U,*	<0.00071U	<0.00056U	<0.001U	<0.001U	<0.00095U	<0.00078U	<0.0009U	<0.001U	<0.00088U	<0.00079U	<0.0011U	-	-	-	-
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.00074U	<0.00061U	<0.00059U,*	<0.00058U	<0.00057U	<0.00059U	<0.00052U	<0.00052U	<0.00041U	<0.00073U	<0.00077U	<0.00069U	<0.00057U	<0.00066U	<0.00075U,*	<0.00064U	<0.00058U	<0.0008U	-	-	-	-
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.00093U	<0.00077U	<0.00074U	<0.00074U	<0.00072U	<0.00075U	<0.00065U	<0.00066U	<0.00051U	<0.00093U	<0.00097U	<0.00087U	<0.00072U	<0.00083U	<0.00095U	<0.00081U	<0.00073U	<0.001U	-	-	-	-
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.0009U	<0.00075U	<0.00072U,*	<0.00071U	<0.0007U	<0.00072U	<0.00063U	<0.00063U	<0.0005U	<0.0009U	<0.00094U	<0.00085U	<0.0007U	<0.0008U	<0.00092U,*	<0.00078U	<0.00071U	<0.00097U	-	-	-	-
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0009U	<0.00075U	<0.00072U	<0.00071U	<0.0007U	<0.00072U	<0.00063U,*	<0.00063U	<0.0005U	<0.0009U	<0.00093U	<0.00085U	<0.0007U	<0.0008U	<0.00091U	<0.00078U	<0.00071U	<0.00097U	-	-	-	-
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.00089U	<0.00074U	<0.00071U	<0.00071U	<0.00069U	<0.00071U	<0.00063U,*	<0.00063U	<0.00049U	<0.00089U	<0.00093U	<0.00084U	<0.00069U	<0.0008U	<0.00091U	<0.00078U	<0.0007U	<0.00096U	-	-	-	-
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.00079U	<0.00066U	<0.00063U	<0.00063U	<0.00061U	<0.00063U	<0.00056U,*	<0.00056U	<0.00044U	<0.00079U	<0.00082U	<0.00074U	<0.00061U	<0.0007U	<0.0008U	<0.00069U	<0.00062U	<0.00086U	-	-	-	-
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.00078U	<0.00064U	<0.00062U	<0.00061U	<0.0006U	<0.00062U	<0.00054U,*	<0.00054U	<0.00043U	<0.00077U	<0.0008U	<0.00073U	<0.0006U	<0.00069U	<0.00079U	<0.00067U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00071U	<0.00059U	<0.00057U	<0.00056U	<0.00055U	<0.00057U	<0.0005U,*	<0.0005U	<0.00039U	<0.0007U	<0.00074U	<0.00067U	<0.00055U	<0.00063U	<0.00072U	<0.00062U	<0.00056U	<0.00077U	-	-	-	-
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.0007U	<0.00058U	<0.00056U	<0.00055U	<0.00054U	<0.00056U	<0.00049U,*	<0.00049U	<0.00039U	<0.00069U	<0.00072U	<0.00065U	<0.00054U	<0.00062U	<0.00071U	<0.00061U	<0.00055U	<0.00075U	-	-	-	-
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<0.00079U	<0.00065U	<0.00063U	<0.00062U	<0.00061U	<0.00063U	<0.00055U	<0.00055U	<0.00043U	<0.00078U	<0.00082U	<0.00074U	<0.00061U	<0.0007U	<0.0008U	<0.00068U	<0.00062U	<0.00085U	-	-	-	-
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.00086U	<0.00071U	<0.00069U	<0.00068U	<0.0028J	<0.00069U	<0.0006U	<0.0006U	<0.00047U	<0.00085U	<0.00089U	<0.00081U	<0.00066U	<0.00077U	<0.00087U	<0.00075U	<0.00067U	<0.00093U	-	-	-	-
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.00073U	<0.0006U	<0.00058U	<0.00058U	<0.00075J	<0.00059U	<0.00051U	<0.00051U	<0.0004U	<0.00073U	<0.00076U	<0.00069U	<0.00056U	<0.00065U	<0.00074U	<0.00064U	<0.00057U	<0.00079U	-	-	-	-
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.0013U	<0.001U	<0.001U	<0.00099U	<0.00097U	<0.001U	<0.00087U	<0.00088U	<0.00069U	<0.0012U	<0.0013U	<0.0012U	<0.00096U	<0.0011U	<0.0013U	<0.0011U	<0.00098U	<0.0013U	-	-	-	-
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<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-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00097U	<0.0008U	<0.00077U	<0.00076U	<0.00075U	<0.00077U	<0.00068U	<0.00068U	<0.00053U	<0.00096U	<0.001U	<0.0009U	<0.00074U	<0.00086U	<0.00098U	<0.00084U	<0.00076U	<0.001U	-	-	-	-
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.00094U	<0.00078U	<0.00075U	<0.00074U	<0.00073U	<0.00075U	<0.00066U	<0.00066U	<0.00052U	<0.00093U	<0.00098U	<0.00088U	<0.00073U	<0.00084U	<0.00095U	<0.00082U	<0.00074U	<0.001U	-	-	-	-
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.00094U	<0.00078U	<0.00075U	<0.00074U	<0.00073U	<0.00075U	<0.00066U	<0.00066U	<0.00052U	<0.00093U	<0.00098U	<0.00088U	<0.00073U	<0.00084U	<0.00095U	<0.00082U	<0.00074U	<0.001U	-	-	-	-
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.00073U	<0.00061U	<0.00058U	<0.00058U	<0.00057U	<0.00059U	<0.00051U	<0.00051U	<0.0004U	<0.00073U	<0.00076U	<0.00069U	<0.00057U	<0.00065U	<0.00074U	<0.00064U	<0.00057U	<0.00079U	-	-	-	-
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00094U	<0.00077U	<0.00075U	<0.00074U	<0.00072U	<0.00075U	<0.00066U	<0.00066U	<0.00052U	<0.00093U	<0.00097U	<0.00088U	<0.00072U	<0.00083U	<0.00095U	<0.00081U	<0.00073U	<0.001U	-	-	-	-
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<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-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.00088U	<0.00073U	<0.0007U	<0.0007U	<0.00068U	<0.0007U	<0.00062U	<0.00062U	<0.00049U	<0.00087U	<0.00091U	<0.00083U	<0.00068U	<0.00078U	<0.00089U	<0.00076U	<0.00069U	<0.00095U	-	-	-	-
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<0.00092U	<0.00076U	<0.00073U	<0.00073U	<0.00071U	<0.00074U	<0.00064U	<0.00065U	<0.00051U	<0.00091U	<0.00095U	<0.00086U	<0.00071U	<0.00082U	<0.00093U	<0.0008U	<0.00072U	<0.00099U	-	-	-	-
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0008U	<0.00066U	<0.00064U	<0.00063U	<0.00062U	<0.00064U	<0.00056U	<0.00056U	<0.00044U	<0.0008U	<0.00083U	<0.00075U	<0.00062U	<0.00071U	<0.00081U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.00085U	<0.0007U	<0.00067U	<0.00067U	<0.00065U	<0.00068U	<0.00059U	<0.00059U	<0.00047U	<0.00084U	<0.00088U	<0.00079U	<0.00065U	<0.00075U	<0.00086U	<0.00074U	<0.00066U	<0.00091U	-	-	-	-
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.00086U	<0.00071U	<0.00068U	<0.00068U	<0.00066U	<0.00068U	<0.0006U	<0.0006U	<0.00047U	<0.00085U	<0.00089U	<0.0008U	<0.00066U	<0.00076U	<0.00087U	<0.00074U	<0.00067U	<0.00092U	-	-	-	-
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.00088U	<0.00072U	<0.0007U	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00061U	<0.00048U	<0.00087U	<0.00091U	<0.00082U	<0.00067U	<0.00078U	<0.00089U	<0.00076U	<0.00068U	<0.00094U	-	-	-	-
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00083U	<0.00069U	<0.00066U	<0.00066U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00083U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.0009U	-	-	-	-
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.00079U	<0.00065U	<0.00063U	<0.00062U	<0.00061U	<0.00063U	<0.00055U	<0.00055U	<0.00043U	<0.00078U	<0.00082U	<0.00074U	<0.00061U	<0.0007U	<0.0008U	<0.00068U	<0.00062U	<0.00085U	-	-	-	-
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.00081U	<0.00067U	<0.00064U	<0.00064U	<0.00062U	<0.00065U	<0.00057U	<0.00057U	<0.00045U	<0.0008U	<0.00084U	<0.00076U	<0.00062U	<0.00072U	<0.00082U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.00085U	<0.0007U	<0.00067U	<0.00067U	<0.00065U	<0.00068U	<0.00059U	<0.00059U	<0.00047U	<0.00084U	<0.00088U	<0.00079U	<0.00065U	<0.00075U	<0.00086U	<0.00073U	<0.00066U	<0.00091U	-	-	-	-
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<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-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.0009U	<0.00074U	<0.00072U	<0.00071U	<0.00069U	<0.00072U	<0.00063U,*	<0.00063U	<0.0005U	<0.00089U	<0.00093U	<0.00084U	<0.00069U	<0.0008U	<0.00091U	<0.00078U	<0.0007U	<0.00097U	-	-	-	-
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.00096U	<0.00079U	<0.00076U	<0.00076U	<0.00074U	<0.00077U	<0.00067U,*	<0.00067U	<0.00053U	<0.00095U	<0.00099U	<0.0009U	<0.00074U	<0.00085U	<0.00097U	<0.00083U	<0.00075U	<0.001U	-	-	-	-
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.0011U	<0.0009U	<0.00087U	<0.00086U	<0.00084U	<0.00087U	<0.00076U,*	<0.00077U	<0.0006U	<0.0011U	<0.0011U	<0.001U	<0.00084U	<0.00097U	<0.0011U	<0.00095U	<0.00085U	<0.0012U	-	-	-	-
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.001U	<0.00086U	<0.00083U,*	<0.00083U	<0.00081U	<0.00084U	<0.00073U	<0.00073U	<0.00058U	<0.001U	<0.0011U	<0.00098U	<0.00081U	<0.00093U	<0.0011U,*	<0.00091U	<0.00082U	<0.0011U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	<0.0034U	-	-	-	-	<0.0023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	<0.0035U	-	-	-	-	<0.0024U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	<0.0056U	-	-	-	-	<0.0038U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	<0.0033U	-	-	-	-	<0.0022U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	<0.0073U	-	-	-	-	<0.0049U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	0.012J	-	-	-	-	<0.0023U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	<0.0022U	-	-	-	-	<0.0015U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0057U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0038U
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	-	-	-	-	-	<0.0054U	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	<0.0018U	-	<0.0018U	<0.0018U	<0.0018U	<0.0036U	<0.0018U	<0.0018U	<0.0036U	<0.0036U
SSHS-B6	B23486	5/11/2000	1-3	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.00057U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.0056U	<0.0018U	-	<0.0018U	<0.035U	-	<0.00027U	<0.0018U	<0.0019U	<0.0018U	0.003	<0.00031U	<0.0018U
SSHS-B64	SSHS-B64-10-12 (11)	8/14/2014	10-12	<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
SSHS-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.0011U	-	-	-	-	<0.0011U	-	<0.00029U	<0.00031U	<0.00034U	<0.0005U	-	<0.00038U	<0.002U	-	<0.00029U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00034U	<0.0002U
SSHS-B64	SSHS-B64-6-9 (9)	8/14/2014	6-9	<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
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.00062U	-	-	-	-	<0.00065U	-	<0.00026U	<0.00028U	<0.063U	<0.018U	-	<0.0018U	<0.16U	-	<0.00027U	<0.0034U	0.079	0.0072	<0.014U	<0.0018U	<0.0073U
SSHS-B65	SSHS-B65-10-12 (11)	8/14/2014	10-12	<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
SSHS-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.00057U	-	-	-	-	<0.00059U	-	<0.013U	<0.0003U	<0.0019U	<0.072U	-	<0.023U	<1.2U	-	<0.00029U	<0.00024U	<0.071U	<0.054U	0.076	<0.019U	<0.06U
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<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
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.00063U	-	-	-	-	<0.00066U	-	<0.00026U	<0.00028U	<0.00031U	<0.031U	-	<0.0035U	<0.24U	-	<0.00026U	<0.0048U	0.15	0.011	<0.028U	<0.0022U	<0.011U
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.00057U	-	-	-	-	<0.0006U	-	<0.00028U	<0.0003U	<0.00033U	<0.031U	-	<0.0069U	<0.22U	-	<0.00028U	<0.0048U	<0.022U	0.013	0.026	<0.0023U	<0.0099U
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.00068U	-	-	-	-	<0.0007U	-	<0.00027U	<0.00029U	<0.00031U	<0.00046U	-	<0.00035U	<0.0018U	-	<0.00027U	<0.0018U	<0.0018U	<0.0018U	<0.0018U	<0.00031U	<0.0018U
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.00075U	-	-	-	-	<0.00078U	-	<0.00027U	<0.0003U	<0.00033U	<0.45U	-	<0.054U	3.3	-	<0.0056U	<0.022U	<0.2U	<0.12U	0.21	<0.033U	<0.11U
SSHS-B67	SSHS-B67-10-12 (11)	8/14/2014	10-12	<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
SSHS-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.00062U	-	-	-	-	<0.00064U	-	<0.0003U	<0.00032U	<0.88U	<0.22U	-	<0.04U	2.1	-	<0.0003U	<0.01U	<0.15U	<0.082U	0.13	<0.03U	<0.078U
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<0.00072U	-	-	-	-	<0.00075U	-	<0.00027U	<0.0003U	<0.00033U	<0.0019U	-	<0.00036U	<0.0076U	-	<0.00028U	<0.00024U	<0.0019U	<0.0003U	<0.0019U	<0.00032U	<0.00019U
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.00069U	-	-	-	-	<0.00072U	-	<0.00027U	<0.00029U	<0.62U	<0.071U	-	<0.03U	<1.2U	-	<0.00027U	<0.013U	<0.087U	<0.055U	0.11	<0.015U	<0.052U
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.00074U	-	-	-	-	<0.00077U	-	<0.0069U	<0.00029U	<0.00032U	<0.092U	-	<0.02U	<0.61U	-	<0.00028U	<0.053U	<0.056U	<0.034U	0.061	<0.0095U	<0.045U
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	<0.00064U	-	-	-	-	<0.00067U	-	<0.00028U	<0.0003U	<0.0019U	<0.00047U	-	<0.00036U	<0.0047U	-	<0.0019U	<0.00024U	0.021	<0.0013J	<0.00085J	<0.00032U	<0.0019U
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.00057U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.0018U	-	<0.00036U	<0.0027U	-	<0.00028U	<0.0018U	<0.0018U	<0.0003U	<0.00059J	<0.00032U	<0.0018U
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.00082U	-	-	-	-	<0.00086U	-	<0.0003U	<0.00032U	<2.6U	<0.99U	-	<0.11U	<3.3U	-	<0.006U	<0.29U	2.1	<0.2U	0.43	<0.062U	<0.17U
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.00062U	-	-	-	-	<0.00065U	-	<0.00028U	<0.0003U	<0.36U	<0.11U	-	<0.012U	<0.49U	-	<0.00028U	<0.0022U	<0.034U	0.023	0.048	<0.0065U	<0.021U
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.00081U	-	-	-	-	<0.00084U	-	<0.00028U	<0.0003U	<0.004U	<0.00049U	-	<0.00037U	<0.031U	-	<0.00029U	<0.0019U	0.016	<0.00031U	<0.0018J	<0.0019U	<0.0019U
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.00059U	-	-	-	-	<0.00061U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.0019U	<0.069U	-	<0.0019U	<0.0069U	<0.031U	0.0066	0.007	<0.0019U	<0.0052U
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.00074U	-	-	-	-	<0.00077U	-	<0.00027U	<0.0003U	<0.027U	<0.007U	-	<0.0019U	<0.064U	-	<0.00028U	<0.0048U	<0.0073U	<0.0003U	0.0047	<0.0019U	<0.0027U
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.00072U	-	-	-	-	<0.00075U	-	<0.00028U	<0.0003U	<0.22U	<0.043U	-	<0.012U	<0.23U	-	<0.00028U	<0.036U	<0.053U	<0.021U	0.039	<0.0055U	<0.018U
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00072U	-	-	-	-	<0.00075U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00054J	<0.00099J	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00024J
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.00071U	-	-	-	-	<0.00074U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.00063U	-	-	-	-	<0.00066U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00034U	<0.00034U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.00062U	-	-	-	-	<0.00064U	-	<0.00027U	<0.00029U	<0.0018U	<0.00046U	-	<0.0054U	0.0058	-	<0.0018U	<0.0019U	<0.0018U	<0.0018U	<0.00033U	<0.00031U	<0.00018U
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00057U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.00056U	-	-	-	-	<0.00058U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00034U	<0.00034U	-	<0.00026U	<0.00023U	<0.00026U	<0.00029U	<0.00032U	<0.0003U	<0.00018U
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<0.00063U	-	-	-	-	<0.00065U	-	<0.0003U	<0.00032U	<0.00036U	<0.00052U	-	<0.0004U	<0.00039U	-	<0.00031U	<0.00026U	<0.0003U	<0.00033U	<0.00038U	<0.00035UJ	<0.00021U
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.00069U	-	-	-	-	<0.00071U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.001J	<0.0011J,p	-	<0.00046J,p	<0.00086J,p	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00023J,p
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.00058U	-	-	-	-	<0.00061U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00051J,p	<0.0013J,p	-	<0.00066J,p	<0.00082J,p	<0.0013J	<0.00031U	<0.00035U	<0.00033U	<0.00058J
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.001U	-	-	-	-	<0.001U	-	<0.0008J	<0.00031U	<0.00034U	<0.00049U	-	<0.00087J	<0.0012J	-	<0.0003J,p	<0.0045J	<0.00028U	<0.00032U	<0.00036U	<0.00033U	<0.0002U
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<0.00067U	-	-	-	-	<0.00069U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00053J,p	-	<0.00032J,p	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00077U	-	-	-	-	<0.0008U	-	<0.00032J,p	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.00066J,p	-	<0.00028U	<0.00033J,p	<0.0009J,p	<0.00064J	<0.00035U	<0.00032U	<0.00019U
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.00075U	-	-	-	-	<0.00078U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00032U	<0.00019U
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.00075U	-	-	-	-	<0.00078U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00035U	<0.00034U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.00058U	-	-	-	-	<0.00061U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00032U	<0.00019U
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00075U	-	-	-	-	<0.00078U	-	<0.0032U	<0.0003U	<0.00033U	<0.0019U	-	<0.0036U	<0.04U	-	<0.00028U	<0.0022U	<0.015U	<0.00031U	0.0046	<0.0019U	0.0072
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<0.00067U	-	-	-	-	<0.00069U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00035U	<0.00034U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.0007U	-	-	-	-	<0.00073U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.0019U	-	<0.0019U	<0.0019U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0019U
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<0.00073U	-	-	-	-	<0.00076U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00064U	-	-	-	-	<0.00066U	-	<0.00028U	<0.0003U	<0.0019U	<0.00048U	-	<0.00037U	<0.0041U	-	<0.0013J	<0.0019U	0.0065	<0.00031U	<0.00062J	<0.00033U	<0.0019U
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.00068U	-	-	-	-	<0.0007U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00036U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.00068U	-	-	-	-	<0.00071U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.0007U	-	-	-	-	<0.00073U	-	<0.00027U	<0.00029U	<0.00031U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00066U	-	-	-	-	<0.00069U	-	<0.0035U	<0.00028U	<0.00031U	<0.00045U	-	<0.0015J	<0.0018U	-	<0.0012J	<0.006U	<0.0018U	<0.00029U	<0.00032U	<0.0018U	<0.00018U
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.00063U	-	-	-	-	<0.00065U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00035U	<0.00034U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.00064U	-	-	-	-	<0.00067U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.00068U	-	-	-	-	<0.0007U	-	<0.00027U	<0.00029U	<0.00031U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00072U	-	-	-	-	<0.00075U	-	<0.0019U	<0.00031U	<0.00034U	<0.00049U	-	<0.0019U	<0.01U	-	<0.00029U	<0.0028U	<0.0024U	<0.0019U	<0.00075J	<0.00033U	<0.004U
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.00072U	-	-	-	-	<0.00074U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00035U	<0.00034U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.00076U	-	-	-	-	<0.00079U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.0012J	<0.00027U	<0.00031U	<0.00034U	<0.00032U	<0.00052J
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.00087U	-	-	-	-	<0.00091U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.00083U	-	-	-	-	<0.00087U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00074J	<0.0019U	-	<0.0019U	<0.0049U	0.0021	<0.0019U	<0.00035U	<0.00033U	<0.0002U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents											
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	-	-	-	-	-	-	-	-	0.3137	<0.0029U	<0.004U	<0.0035U	<0.01U	<0.0021U	0.006	<0.0024U	<0.033U	<0.028U	<0.024U	<0.024U	<0.039U	<0.055U
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	-	-	-	-	-	-	-	-	<1.245	<0.0031U	<0.0042U	<0.0037U	<0.01U	<0.0022U	<0.0015U	<0.0026U	<0.3U	<0.26U	<0.026U	<0.22U	<0.36U	<0.51U
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	-	-	-	-	-	-	-	-	<0.1257	<0.0049U	<0.0066U	<0.0058U	<0.017U	<0.0035U	<0.0024U	<0.0041U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	-	-	-	-	-	-	-	-	0.5428	<0.0028U	<0.0039U	<0.0034U	0.025	<0.002U	0.013	<0.0024U	<0.032U	<0.027U	<0.024U	<0.023U	<0.038U	<0.054U
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	-	-	-	-	-	-	-	-	<0.533	<0.0063U	<0.0086U	<0.0075U	<0.022U	<0.0045U	<0.0031U	<0.0053U	<0.13U	<0.11U	<0.053U	<0.094U	<0.16U	<0.22U
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	-	-	-	-	-	-	-	-	0.2743	<0.0029U	<0.004U	<0.0035U	0.014J	<0.0021U	0.013J	<0.0024U	<0.032U	<0.027U	<0.024U	<0.023U	<0.039U	<0.054U
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	-	-	-	-	-	-	-	-	0.1938	<0.0019U	<0.0026U	<0.0023U	<0.0066U	<0.0014U	0.0026J	<0.0016U	<0.032U	<0.027U	<0.016U	<0.023U	<0.038U	<0.053U
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.0019U	<0.0038U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	<0.038U	<0	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.38U	<0.38U
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.0018U	<0.0036U	<0.0036U	<0.0018U	<0.0018U	<0.0018U	<0.0072U	<0.036U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.36U	<0.36U
SSHS-B6	B23486	5/11/2000	1-3	<0.0019U	-	-	-	<0.0019U	-	-	-	2.908	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.0078U	<0.0018U	<0.0018U	<0.00031U	<0.0029U	<0.028U	<0.0035U	<0.012U	<0	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.031U	<0.027U	<0.04U	<0.023U	<0.037U	<0.053U
SSHS-B64	SSHS-B64-10-12 (11)	8/14/2014	10-12	<0.00038U	<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	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.00037U	<0.00037U	<0.0003U	<0.00034U	<0.002U	<0.002U	<0.0004U	<0.013U	0.405	<0.0014U	<0.0011U	<0.0011U	<0.0081U	<0.00083U	<0.0006U	<0.0012U	<0.035U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B64	SSHS-B64-6-9 (9)	8/14/2014	6-9	<0.002U	<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	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.035U	<0.0041U	<0.0054U	<0.0018U	<0.018U	<0.14U	<0.0018U	<0.012U	<0	<0.00081U	<0.00063U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B65	SSHS-B65-10-12 (11)	8/14/2014	10-12	<0.00035U	<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	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.37U	0.069	<0.046U	<0.0023U	<0.00042U	<1.3U	<0.014U	<0.012U	1.791	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.07J	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<0.017U	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	<0.048U	<0.027U	<0.045U	<0.063U
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.069U	<0.0088U	<0.01U	<0.0018U	<0.034U	<0.49U	<0.065U	<0.011U	<0	<0.00082U	<0.00064U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.07U	<0.01U	<0.011U	<0.0019U	<0.034U	<0.28U	<0.0033U	<0.012U	1.3	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.0018U	<0.0018U	<0.0018U	<0.00031U	<0.0018U	<0.009U	<0.0035U	<0.012U	<0	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00075U	<0.064U	<0.054U	<0.082U	<0.046U	<0.076U	<0.11U
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.68U	<0.13U	<0.083U	<0.027U	<0.59U	<4.5U	<0.65U	<0.012U	1.461	<0.00098U	<0.00076U	<0.00072U	<0.0055U	<0.00057U	<0.00041U	<0.00083U	<0.055J	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B67	SSHS-B67-10-12 (11)	8/14/2014	10-12	<0.00035U	<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	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.49U	0.089	<0.058U	<0.017U	<0.25U	<2.7U	<0.47U	<0.013U	25.48	<0.00081U	<0.00063U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00068U	<0.12J	<0.03U	<0.046U	<0.026U	<0.042U	<0.06U
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<0.0019U	<0.00035U	<0.00028U	<0.00032U	<0.0019U	<0.0096U	<0.0019U	<0.012U	<0	<0.00094U	<0.00074U	<0.0007U	<0.0053U	<0.00055U	<0.0004U	<0.0008U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.27U	<0.029U	<0.053U	<0.0029U	<0.099U	<1.4U	<0.011U	<0.012U	3.016	<0.0009U	<0.00071U	<0.00067U	<0.0051U	<0.00052U	<0.00038U	<0.00076U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.18U	<0.027U	<0.029U	<0.0059U	<0.1U	<1.3U	<0.16U	<0.012U	6.42	<0.0019J	<0.00075U	<0.00071U	<0.0068J	<0.00056U	<0.0004U	<0.00081U	<0.11J	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	0.0096	0.0019	<0.0019U	<0.00032U	<0.00041U	<0.0019U	<0.00038U	<0.012U	<0	<0.00083U	<0.00065U	<0.00062U	<0.0047U	<0.00048U	<0.00035U	<0.00071U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.0026U	<0.00035U	<0.00028U	<0.0018U	<0.0004U	<0.0065U	<0.00038U	<0.012U	8.804	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<1.2U	<0.097U	<0.15U	<0.067U	<0.0088U	<5.2U	<0.97U	<0.013U	5.781	<0.0011U	<0.00084U	<0.00079U	<0.0069J	<0.00062U	<0.00045U	<0.00091U	<0.14J	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.13U	<0.013U	<0.02U	<0.0094U	<0.00041U	<1U	<0.12U	<0.012U	3.771	<0.00081U	<0.00063U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00068U	<0.037J	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.0078U	<0.0019U	<0.0019U	<0.00033U	<0.00042U	<0.016U	<0.00039U	<0.012U	0.276	<0.001U	<0.00082U	<0.00078U	<0.0059U	<0.00061U	<0.00044U	<0.00089U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.098U	<0.00036U	<0.0019U	<0.00033U	<0.00041U	<0.013U	<0.0037U	<0.012U	<0	<0.00077U	<0.0006U	<0.00057U,*	<0.0043U	<0.00044U	<0.00032U	<0.00065U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.016U	0.0033	<0.0023U	<0.0019U	<0.018U	<0.051U	<0.018U	<0.012U	14.76	<0.00097U	<0.00076U	<0.00072U	<0.0055U	<0.00056U	<0.00041U	<0.00082U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.15U	0.024	<0.016U	<0.02U	<0.062U	<0.42U	<0.26U	<0.012U	73.65 - 74.08	<0.00093U	<0.00073U	<0.00069U,*	<0.0053U	<0.00054U	<0.00039U	<0.00079U	<0.17U	<0.14U	<0.21U	<0.12U	<0.2U	<0.28U
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.00042J	<0.00035U	<0.00037U	<0.012U	1.317	<0.00093U	<0.00073U	<0.00069U	<0.0061J	<0.00054U	<0.00039U	<0.00079U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00093U	<0.00072U	<0.00068U	<0.0052U	<0.00054U	<0.00039U	<0.00078U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.00034U	<0.00034U	<0.00027U	<0.0003U	<0.00039U	<0.00034U	<0.00036U	<0.012U	<0	<0.00082U	<0.00064U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.002U	<0.0018U	<0.00027U	0.0065	<0.0018U	0.0023	<0.0035U	<0.012U	30.73	<0.0008U	<0.00063U	<0.00059U	<0.0046U	<0.00047U	<0.00034U	<0.00068U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00037U	<0.012U	<0	<0.00074U	<0.00058U	<0.00054U	<0.0042U	<0.00043U	<0.00031U	<0.00062U	<0.031U	<0.027U	<0.04U	<0.023U	<0.037U	<0.052U
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.00033U	<0.00034U	<0.00027U	<0.0003U	<0.00038U	<0.00034U	<0.00036U	<0.012U	<0	<0.00072U	<0.00057U	<0.00054U	<0.0041U	<0.00042U	<0.0003U	<0.00061U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<0.00039U	<0.00039U	<0.00031U	<0.00035U	<0.00044U	<0.00039U	<0.00042U	<0.013U	<0	<0.00082U	<0.00064U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.036U	<0.031U	<0.047U	<0.026U	<0.043U	<0.061U
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.00076J,p	<0.00036U	<0.00029U	0.0024	<0.00041U	<0.00036U	<0.002J	<0.012U	46.15	<0.00089U	<0.0007U	<0.00066U	<0.0051U	<0.00052U	<0.00038U	<0.00076U	<0.054J	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.0011J,p	<0.00092J,p	<0.00029U	<0.00033U	<0.00041U	<0.00091J,p	<0.0011J,p	<0.012U	60.68	<0.00076U	<0.00059U	<0.00056U	<0.0043U	<0.00044U	<0.00032U	<0.00064U	<0.17U	<0.14U	<0.21U	<0.12U	<0.2U	<0.28U
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.00037U	<0.00037U	<0.00029U	<0.0006J	<0.00042U	<0.00037U	<0.0004U	<0.013U	18.25	<0.0013U	<0.001U	<0.00096U	<0.0073U	<0.00075U	<0.00054U	<0.0011U	<0.098J	<0.029U	<0.044U	<0.024U	<0.04U	<0.057U
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<0.00039J,p	<0.00035U	<0.00028U	<0.00085J	<0.0004U	<0.0004J,p	<0.00037U	<0.012U	12.5	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.0005U	<0.00037U	<0.00074U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00082J	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.0017J	<0.012U	1.785	<0.001U	<0.00078U	<0.00074U	<0.0057U	<0.00058U	<0.00042U	<0.00085U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00098U	<0.00076U	<0.00072U	<0.0055U	<0.00057U	<0.00041U	<0.00083U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.055U
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00078J	<0.012U	<0	<0.00098U	<0.00076U	<0.00072U	<0.0055U	<0.00057U	<0.00041U	<0.00083U	<0.031U	<0.027U	<0.04U	<0.023U	<0.037U	<0.052U
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00076U	<0.00059U	<0.00056U	<0.0043U	<0.00044U	<0.00032U	<0.00064U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.021U	<0.0019U	<0.0071U	<0.0019U	<0.00041U	<0.042U	<0.021U	<0.012U	6.44	<0.00097U	<0.00076U	<0.00072U	<0.0055U	<0.00056U	<0.00041U	<0.00082U	<0.33U	<0.28U	<0.3U	<0.24U	<0.39U	<0.55U
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00036U	<0.012U	<0	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.0005U	<0.00037U	<0.00074U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.0019U	<0.00036U	<0.00029U	<0.00033U	<0.00041U	<0.0019U	<0.00039U	<0.012U	<0	<0.00091U	<0.00071U	<0.00068U	<0.0052U	<0.00053U	<0.00038U	<0.00077U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.057U
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00095U	<0.00075U	<0.00071U	<0.0054U	<0.00055U	<0.0004U	<0.00081U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0036U	<0.00036U	<0.00029U	<0.00033U	<0.00041U	<0.0055U	<0.0037U	<0.012U	2.552	<0.00083U	<0.00065U	<0.00062U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00074U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.00037U	<0.00037U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	<0	<0.00089U	<0.00069U	<0.00066U	<0.005U	<0.00051U	<0.00037U	<0.00075U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00037U	<0.012U	<0	<0.00091U	<0.00071U	<0.00067U	<0.0051U	<0.00053U	<0.00038U	<0.00077U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	0.0038	<0.00033U	<0.00027U	0.012	<0.0018U	<0.0018U	<0.0034U	<0.011U	<0	<0.00086U	<0.00067U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.031U	<0.027U	<0.04U	<0.023U	<0.038U	<0.053U
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00036U	<0.012U	<0	<0.00082U	<0.00064U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00084U	<0.00065U	<0.00062U	<0.0047U	<0.00049U	<0.00035U	<0.00071U	<0.032U	<0.027U	<0.041U	<0.023U	<0.039U	<0.054U
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00062J	<0.00034U	<0.00037U	<0.012U	<0	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00074U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.011U	<0.0019U	<0.002U	<0.00033U	<0.0019U	<0.0066U	0.015	<0.013U	13.54	<0.00094U	<0.00074U	<0.0007U,*	<0.0053U	<0.00055U	<0.0004U	<0.0008U	<0.043J	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00036U	<0.012U	<0	<0.00093U	<0.00073U	<0.00069U	<0.0053U	<0.00054U	<0.00039U	<0.00079U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.00055J	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	8.26	<0.00099U	<0.00078U	<0.00073U	<0.0056U	<0.00058U	<0.00042U	<0.00084U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.0011U	<0.00089U	<0.00084U	<0.0064U	<0.00066U	<0.00048U	<0.00096U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	0.0041	<0.0018J	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.0037U	<0.013U	24.65	<0.0011U	<0.00085U	<0.0008U,*	<0.0061U	<0.00063U	<0.00046U	<0.00092U	<0.23J	<0.029U	<0.043U	<0.024U	<0.04U	<0.056U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0066U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	<0.069U	<0.53U	<4.1U	<0.28U	<0.35U	<0.071U	<0.28U	<0.061U	<0.24U	<1.5U	<0.38U	-	<0.36U	<1.4U	<1.4U	<0.3U	<0.31U	<0.27U	<0.38U	<0.33U	<1.4U	<1.2U
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	<0.0069U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.038U	<0.034U	<0.14U	<0.13U
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	<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	<0.13U
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	<0.029U	<0.23U	<1.7U	<0.12U	<0.15U	<0.031U	<0.12U	<0.026U	<0.1U	<0.66U	<0.16U	-	<0.15U	<0.6U	<0.59U	<0.13U	<0.13U	<0.12U	<0.16U	<0.14U	<0.59U	<0.53U
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	<0.0071U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<0.38U	-	<0.38U	<1.9U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<1.9U
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	-	<0.36U	<1.8U	<1.8U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<1.8U
SSHS-B6	B23486	5/11/2000	1-3	-	-	-	-	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	<0.36U	-	-
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.029J	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B64	SSHS-B64-10-12 (11)	8/14/2014	10-12	<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	<0.14U
SSHS-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.0078U	<0.061U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	0.12	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B64	SSHS-B64-6-9 (9)	8/14/2014	6-9	<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	<0.14U
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.0071U	<0.055U	<0.42U	<0.029U	<0.036U	<0.0074U	<0.029U	<0.025J	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B65	SSHS-B65-10-12 (11)	8/14/2014	10-12	<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	<0.13U
SSHS-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.0075U	<0.058U	<0.44U	<0.03U	<0.039U	<0.0078U	<0.031U	0.5	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.034U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<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	<0.15U
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.0071U	<0.055U	<0.42U	<0.029U	<0.036U	<0.0074U	<0.029U	<0.045J	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.0073U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	0.17	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.014U	<0.11U	<0.85U	<0.058U	<0.073U	<0.015U	<0.058U	<0.025J	<0.05U	<0.32U	<0.079U	-	<0.075U	<0.29U	<0.29U	<0.062U	<0.066U	<0.057U	<0.079U	<0.07U	<0.29U	<0.26U
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	0.46	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.14U
SSHS-B67	SSHS-B67-10-12 (11)	8/14/2014	10-12	<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	<0.13U
SSHS-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.008U	<0.062U	<0.47U	<0.032U	<0.041U	<0.0083U	<0.033U	0.73	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.16U	<0.16U	<0.035U	<0.037U	<0.032U	<0.044U	<0.039U	<0.16U	<0.15U
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0096J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	0.12	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	0.11	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	<0.0073U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	<0.014J	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.042J	<0.026U	<0.16U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.008U	<0.063U	<0.48U	<0.032U	<0.041U	<0.0084U	<0.033U	0.88	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.16U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.039U	<0.16U	<0.15U
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	0.27	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.0076U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0079U	<0.031U	<0.011J	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.0075U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0078U	<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	<0.14U
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	0.17	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.037U	<0.29U	<2.2U	<0.15U	<0.19U	<0.039U	<0.15U	<0.2J	<0.13U	<0.83U	<0.2U	-	<0.2U	<0.76U	<0.75U	<0.16U	<0.17U	<0.15U	<0.21U	<0.18U	<0.75U	<0.68U
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.041J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.0096J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.0071U	<0.055U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	0.076	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0073U	<0.028U	<0.0063U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<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	<0.15U
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.0075U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0078U	<0.031U	0.15	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.037U	<0.15U	<0.14U
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.038U	<0.29U	<2.2U	<0.15U	<0.19U	<0.039U	<0.15U	<0.32J	<0.13U	<0.84U	<0.21U	-	<0.2U	<0.77U	<0.75U	<0.16U	<0.17U	<0.15U	<0.21U	<0.18U	<0.76U	<0.68U
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	0.18	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	0.1	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0091J	<0.026U	<0.16U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<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	<0.14U
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.0073U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.074U	<0.58U	<4.4U	<0.3U	<0.38U	<0.077U	<0.3U	<0.17J	<0.26U	<1.6U	<0.41U	-	<0.39U	<1.5U	<1.5U	<0.32U	<0.34U	<0.29U	<0.41U	<0.36U	<1.5U	<1.3U
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0073U	<0.028U	<0.0063U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.0076U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0079U	<0.031U	<0.013J	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0066U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0075U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0078U	<0.03U	<0.0074J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.14U
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.0071U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.0076U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0071U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<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	<0.13U
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.0072U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0075U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	0.15	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.058J	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.0076U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0079U	<0.031U	0.83	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.036U	0.056J	<0.055U	<0.0074U	<0.012U	<0.0074U	<0.015U	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.051U	<0.28U	<0.0068U	0.093	<0.0082U	<0.036U
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	<0.066U	<0.078U	<0.28U	<0.067U	<0.33U	<0.086U	<0.51U	<0.068U	<0.11U	<0.068U	<0.14U	-	<0.22U	<0.092U	<0.074U	<0.55U	<0.47U	<2.6U	<0.063U	<0.081U	<0.076U	<0.34U
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	<0.0067U	<0.0079U	<0.028U	<0.0068U	<0.034U	<0.0087U	<0.052U	<0.0069U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.047U	<0.26U	<0.0064U	<0.0082U	<0.0077U	<0.034U
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	<0.0069U	<0.0083U	<0.03U	<0.0071U	<0.035U	0.12	<0.054U	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0066U	0.18	<0.008U	<0.035U
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	<0.028U	<0.034U	<0.12U	<0.029U	<0.14U	<0.037U	<0.22U	<0.029U	<0.046U	<0.029U	<0.059U	-	<0.096U	<0.039U	<0.032U	<0.24U	<0.2U	<1.1U	<0.027U	<0.035U	<0.033U	<0.14U
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	<0.0069U	<0.0083U	<0.03U	<0.0071U	<0.035U	0.048J	<0.054U	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0067U	0.079	<0.008U	<0.036U
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.035U	0.033J	<0.053U	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0095U	<0.0077U	<0.057U	<0.049U	<0.27U	<0.0065U	0.049J	<0.0079U	<0.035U
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	-	<0.36U	-	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	-	<0.36U	<0.36U	<0.36U	<0.36U
SSHS-B6	B23486	5/11/2000	1-3	<0.36U	0.042J	-	<0.36U	-	0.24J	-	0.35J	0.32J	0.31J	0.28J	-	-	-	-	-	-	-	-	0.28J	0.096J	<0.36U
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0078U	<0.035U
SSHS-B64	SSHS-B64-10-12 (11)	8/14/2014	10-12	<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	<0.038U
SSHS-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.0074U	<0.0089U	<0.034J	<0.018J	<0.038U	<0.0097U	<0.063J	<0.0077U	<0.012U	<0.0077U	<0.016U	-	<0.025U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	<0.0071U	<0.0092U	<0.0086U	<0.044J
SSHS-B64	SSHS-B64-6-9 (9)	8/14/2014	6-9	<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	<0.038U
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0079U	<0.035U
SSHS-B65	SSHS-B65-10-12 (11)	8/14/2014	10-12	<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	<0.036U
SSHS-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.034J	<0.024J	<0.072J	<0.037J	<0.036U	0.1	<0.056U	0.082	0.14	0.099	<0.052J	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.025J	0.22	<0.039J	<0.16J
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<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	<0.042U
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.0068U	<0.0081U	<0.029U	<0.013J	<0.034U	<0.046J	<0.053U	<0.041J	<0.058J	<0.044J	<0.028J	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.065J	<0.018J	<0.035U
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.007U	<0.018J	<0.03U	<0.026J	<0.036U	0.097	<0.055U	0.088	0.14	0.099	<0.047J	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	0.14	<0.025J	<0.051J
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.014U	<0.016U	<0.059U	<0.014U	<0.069U	<0.018U	<0.11U	<0.014U	<0.022U	<0.014U	<0.029U	-	<0.047U	<0.019U	<0.015U	<0.12U	<0.097U	<0.54U	<0.013U	<0.017U	<0.016U	<0.07U
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.0071U	<0.037J	<0.065J	<0.038J	<0.036U	0.1	<0.056U	0.085	0.15	0.086	<0.053J	-	<0.024U	<0.01U	<0.008U	<0.06U	<0.051U	<0.28U	<0.022J	0.18	<0.0083U	<0.13J
SSHS-B67	SSHS-B67-10-12 (11)	8/14/2014	10-12	<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	<0.035U
SSHS-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	0.68	<0.048J	<0.077J	1.2	<0.039U	1.8	<0.06UJ	1.6	1.8	1.3	0.78	-	<0.026U	<0.011U	<0.0086U	<0.064U	<0.054U	<0.3U	0.37	1.8	0.28	0.53
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<0.007U	<0.0083U	<0.03U	<0.011J	<0.035U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.018J	0.12	<0.029U	0.11	<0.035U	0.22	<0.054U	0.25	0.41	0.25	0.15	-	<0.024U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.022J	0.29	0.076	<0.042J
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	0.28	0.29	<0.03U	0.23	<0.036U	0.37	<0.055U	0.35	0.57	0.47	0.19	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	0.21	0.45	0.12	0.54
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	<0.007U	<0.013J	<0.03U	<0.017J	<0.036U	<0.0092U	<0.055U	<0.0073U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.1J	<0.05U	<0.28U	<0.03J	<0.0087U	<0.0081U	<0.036U
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.071J	0.4	<0.03U	0.36	<0.036U	0.77	<0.055U	0.78	0.91	0.75	0.43	-	<0.024U	<0.0099U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.07J	0.81	0.19	<0.037J
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.074J	0.12	<0.13J	0.17	<0.039U	0.38	<0.06U	0.32	0.48	0.34	0.2	-	<0.026U	<0.011U	<0.0086U	<0.065U	<0.055U	<0.3U	<0.066J	0.56	0.091	<0.27J
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.037J	0.15	<0.03U	0.13	<0.036U	0.32	<0.055U	0.26	0.37	0.32	0.14	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.033J	0.44	0.091	<0.084J
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.0072U	<0.037J	<0.031U	<0.022J	<0.037U	<0.055J	<0.057U	<0.067J	0.1	<0.068J	<0.018J	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.052U	<0.28U	<0.007U	<0.067J	<0.018J	<0.037U
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.0072U	<0.0085U	<0.031U	<0.0073U	<0.036U	<0.0093U	<0.056U	<0.0075U	<0.012U	<0.0074U	<0.015U	-	<0.025U	<0.01U	<0.008U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0083U	<0.037U
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	0.14	0.42	<0.03U	0.46	<0.035U	1.3	<0.055U	1.3	1.5	1.1	0.69	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.27U	0.13	1.4	0.23	<0.11J
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	0.54	<0.062J	<0.15U	2.5	<0.18U	6.7	<0.28U	5.8	6.9	4.2	2.6	-	<0.12U	<0.05U	<0.04U	<0.3U	<0.25U	<1.4U	0.64	6.4	0.93	<0.32J
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.007U	<0.033J	<0.03U	<0.037J	<0.035U	0.14	<0.054U	0.14	0.17	0.12	<0.051J	-	<0.024U	<0.0098U	<0.0078U	<0.059U	<0.05U	<0.27U	<0.0067U	0.13	<0.038J	<0.036U
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.035U	<0.009U	<0.054U	<0.0072U	<0.011U	<0.0071U	<0.015U	-	<0.024U	<0.0096U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0086U	<0.008U	<0.035U
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.0067U	<0.0079U	<0.028U	<0.0068U	<0.034U	<0.0087U	<0.052U	<0.0069U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.047U	<0.26U	<0.0064U	<0.0083U	<0.0077U	<0.034U
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.037J	0.45	<0.029U	1	<0.034U	2.8	<0.053U	2.4	3.1	1.8	1	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	0.5	2.1	0.38	<0.18J
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0076U	<0.057U	<0.048U	<0.26U	<0.0065U	<0.0083U	<0.0078U	<0.034U
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0087U	<0.052U	<0.007U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.048U	<0.26U	<0.0064U	<0.0083U	<0.0077U	<0.034U
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<0.0078U	<0.0093U	<0.033U	<0.008U	<0.04U	<0.01U	-	<0.0081U	<0.013U	<0.0081U	<0.016U	-	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	<0.0097U	<0.0091U	<0.04U
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	0.84	<0.0085U	<0.031U	2.2	<0.036U	3.4	<0.056U	3	3.1	2	1.2	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	0.53	3	0.49	0.45
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	1.2	<0.043U	<0.15U	3.2	<0.18U	4.2	<0.28U	3.7	3.9	2.4	1.5	-	<0.12U	<0.05U	<0.04U	<0.84J	<0.26U	<1.4U	0.94	4	0.68	<0.88J
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	0.55	<0.042J	<0.031U	0.71	<0.037U	1.4	<0.057U	1.3	1.4	0.96	0.59	-	<0.025U	<0.01U	<0.0082U	<0.22J	<0.052U	<0.29U	0.56	1.3	0.18	0.55
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	0.36	<0.0095J	<0.03U	0.54	<0.035U	0.93	<0.055U	0.79	0.86	0.59	0.34	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	0.19	0.89	0.17	<0.2J
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.009J	<0.0084U	<0.03U	<0.035J	<0.036U	0.16	<0.055U	0.14	0.22	0.13	0.075	-	<0.024U	<0.0099U	<0.0079U	<0.18J	<0.05U	<0.28U	<0.0068U	0.16	<0.0082U	<0.036U
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.0071U	<0.0085U	<0.03U	<0.0073U	<0.036U	<0.0093U	<0.056U	<0.0074U	<0.012U	<0.0074U	<0.015U	-	<0.024U	<0.0099U	<0.008U	1.6	<0.051U	<0.28U	<0.0068U	<0.0088U	<0.0082U	<0.036U
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0076U	<0.057U	<0.048U	<0.26U	<0.0065U	<0.0083U	<0.0078U	<0.034U
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.0092U	<0.055U	<0.0073U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	6.5	<0.05U	<0.28U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.071U	<0.58J	<0.3U	<0.26J	<0.36U	0.81	<0.55U	0.89	1.1	0.76	<0.36J	-	<0.24U	<0.099U	<0.079U	<0.6U	<0.5U	<2.8U	<0.068U	0.88	<0.2J	<0.36U
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0087U	<0.052U	<0.007U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.048U	<0.26U	<0.0064U	<0.0083U	<0.0077U	<0.034U
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.0073U	<0.02J	<0.031U	<0.012J	<0.037U	<0.036J	<0.057UJ	<0.034J	<0.043J	<0.0075U	<0.016J	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.052U	<0.28U	<0.007U	<0.036J	<0.0084U	<0.037U
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<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	<0.05U	<0.28U	<0.0068U	<0.0088U	<0.0082U	<0.036U
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0072U	<0.0085U	<0.031U	0.091	<0.036U	0.22	<0.056UJ	0.17	0.21	0.11	0.081	-	<0.025U	<0.01U	<0.008U	<0.06U	<0.051U	<0.28U	<0.044J	0.18	<0.0083U	<0.037U
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.0089U	<0.053UJ	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.0079U	<0.035U
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.0072U	<0.0086U	<0.031U	<0.0074U	<0.037U	<0.0095U	<0.057UJ	<0.0076U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.052U	<0.28U	<0.007U	<0.009U	<0.0084U	<0.037U
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0088U	<0.052UJ	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0075U	<0.056U	<0.048U	<0.26U	<0.0064U	<0.0083U	<0.0078U	<0.034U
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0068U	<0.008U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053UJ	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0078U	<0.035U
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0088U	<0.052UJ	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0075U	<0.056U	<0.048U	<0.26U	<0.0064U	<0.0083U	<0.0078U	<0.034U
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.0069U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.009U	<0.054UJ	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0086U	<0.008U	<0.035U
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.0089U	<0.053UJ	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.0079U	<0.035U
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.043J	0.37	<0.031U	0.39	<0.037U	1.2	<0.056U	1.1	1.3	1.2	0.54	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.051U	<0.28U	0.086	1.2	0.23	<0.12J
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0088U	<0.052U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0075U	<0.056U	<0.048U	<0.26U	<0.0064U	<0.0083U	<0.0078U	<0.034U
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.013J	0.17	<0.03U	0.26	<0.036U	0.7	<0.055U	0.75	0.82	0.79	0.34	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.061J	0.68	0.17	<0.057J
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.007U	<0.0084U	<0.03U	<0.0071U	<0.036U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.041J	0.66	<0.031U	0.47	<0.037U	1.6	<0.056U	1.8	2.2	2.7	0.76	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.051U	<0.28U	0.16	1.5	0.46	0.49

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																								VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B575A	SSHS-B575A-SUB-16-18	9/19/2016	16-18	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.062J	<0.028U	0.3	<0.031U	<0.0087U	<0.034U	<0.033U	<0.012U	<0.0087U	0.11	-	<0.0029UJ	-
SSHS-B575B	SSHS-B575B-SUB-0-2	9/19/2016	0-2	<0.37U	<0.37U	<0.43U	<0.36U	<0.073U	<0.09U	<0.073U	<0.076U	<0.37U	<0.25U	<0.07U	<0.26U	<0.059U	<0.28U	<0.08U	<0.32U	<0.31U	<0.11U	<0.081U	<0.069U	-	<0.003U	-
SSHS-B575B	SSHS-B575B-SUB-14-16	9/19/2016	14-16	<0.038U	<0.038U	<0.043U	<0.036U	<0.0074U	<0.0091U	<0.0074U	<0.0077U	<0.037U	<0.025U	<0.0071U	<0.026U	<0.006U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.011U	<0.0082U	<0.007U	-	<0.0049U	-
SSHS-B575B	SSHS-B575B-SUB-18-20	9/19/2016	18-20	<0.039U	<0.039U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0085U	<0.033U	<0.032U	<0.011U	<0.0085U	0.19	-	<0.0028U	-
SSHS-B575C	SSHS-B575C-SUB-0-2	9/19/2016	0-2	<0.16U	<0.16U	<0.18U	<0.15U	<0.031U	<0.039U	<0.031U	<0.033U	<0.16U	<0.11U	<0.03U	<0.11U	<0.025U	<0.12U	<0.034U	<0.14U	<0.13U	<0.047U	<0.035U	<0.03U	-	<0.0063U	-
SSHS-B575C	SSHS-B575C-SUB-15-17	9/19/2016	15-17	<0.039U	<0.039U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0085U	<0.033U	<0.032U	<0.012U	<0.0085U	0.094	-	<0.0029U	-
SSHS-B575C	SSHS-B575C-SUB-20-22	9/19/2016	20-22	<0.039U	<0.039U	<0.044U	<0.037U	<0.0076U	<0.0094U	<0.0076U	<0.0079U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	0.06J	-	<0.0019U	-
SSHS-B58	B58-0.5-2.5	9/13/2000	0.5-2.5	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-B59	B59-0.5-2.5	9/13/2000	0.5-2.5	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.36U	<0.36U	<0.36U	-	<0.36U	-
SSHS-B6	B23486	5/11/2000	1-3	-	-	-	-	0.33J	<0.36U	<0.36U	-	-	-	0.28J	-	<0.36U	-	-	-	<0.87U	0.08J	<0.36U	0.3J	-	<0.36U	-
SSHS-B64	SSHS-B64-0.17-2 (1)	8/14/2014	0.17-2	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.019J	<0.029U	<0.0082U	<0.033U	<0.031U	<0.02J	<0.0083U	<0.0071U	-	<0.00053U	-
SSHS-B64	SSHS-B64-10-12 (11)	8/14/2014	10-12	<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	-	<0.00054U	-
SSHS-B64	SSHS-B64-4-6 (5)	8/14/2014	4-6	<0.042U	<0.042U	<0.049U	<0.041U	0.085	<0.01U	<0.0082U	<0.0087U	<0.042U	<0.028U	<0.008U	<0.029U	<0.05J	<0.032U	<0.0091U	<0.036U	<0.035U	0.32	<0.0091U	<0.077J	-	<0.001U	-
SSHS-B64	SSHS-B64-6-9 (9)	8/14/2014	6-9	<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	-	<0.00052U	-
SSHS-B65	SSHS-B65-0.17-2 (1)	8/14/2014	0.17-2	<0.039U	<0.039U	<0.044U	<0.037U	<0.01J	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0073U	<0.027U	<0.019J	<0.029U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.011J	-	<0.00058U	-
SSHS-B65	SSHS-B65-10-12 (11)	8/14/2014	10-12	<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	-	<0.00051U	-
SSHS-B65	SSHS-B65-4-6 (4)	8/14/2014	4-6	<0.041U	<0.041U	<0.047U	<0.039U	0.23	<0.06J	<0.008U	<0.0084U	<0.04U	<0.027U	<0.065J	<0.028U	0.3	<0.031U	<0.0088U	<0.035U	<0.033U	0.44	<0.0088U	0.18	-	<0.00053U	-
SSHS-B65	SSHS-B65-8-10 (9)	8/14/2014	8-10	<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	-	<0.00063U	-
SSHS-B66	SSHS-B66-0.17-2 (1)	8/14/2014	0.17-2	<0.039U	<0.038U	<0.044U	<0.037U	<0.061J	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.035J	<0.027U	<0.033J	<0.029U	<0.0083U	<0.033U	<0.032U	<0.056J	<0.0083U	<0.059J	-	<0.00059U	-
SSHS-B66	SSHS-B66-2-4 (3)	8/14/2014	2-4	<0.04U	<0.04U	<0.046U	<0.039U	0.2	<0.015J	<0.0078U	<0.0082U	<0.039U	<0.026U	0.076	<0.028U	0.11	<0.03U	<0.0086U	<0.034U	<0.033U	0.19	<0.0086U	0.16	-	<0.00054U	-
SSHS-B66	SSHS-B66-6-8R (7)	8/14/2014	6-8	<0.078U	<0.078U	<0.089U	<0.075U	<0.02J	<0.019U	<0.015U	<0.016U	<0.077U	<0.051U	<0.015U	<0.054U	<0.012U	<0.059U	<0.017U	<0.066U	<0.064U	<0.023U	<0.017U	<0.018J	-	<0.00064U	-
SSHS-B67	SSHS-B67-0.17-2 (1)	8/14/2014	0.17-2	<0.041U	<0.04U	<0.047U	<0.039U	0.15	<0.024J	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.062J	<0.028U	0.3	<0.031U	<0.0087U	<0.034U	<0.033U	0.28	<0.0088U	0.13	-	<0.0007U	-
SSHS-B67	SSHS-B67-10-12 (11)	8/14/2014	10-12	<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	-	<0.00061U	-
SSHS-B67	SSHS-B67-2-6 (4.5)	8/14/2014	2-6	<0.043U	<0.043U	<0.05U	<0.042U	4.9	0.66	<0.0085U	<0.0089U	<0.043U	<0.029U	1.1	<0.03U	0.66	<0.033U	<0.0093U	<0.037U	<0.036U	4.2	<0.0094U	3.4	-	<0.00058U	-
SSHS-B67	SSHS-B67-8-10 (9)	8/14/2014	8-10	<0.047J	<0.04U	<0.046U	<0.038U	<0.03J	<0.0096U	<0.0078U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.026J	<0.0086U	<0.021J	-	<0.00068U	-
SSHS-B68	SSHS-B68-0.17-2 (1)	8/14/2014	0.17-2	<0.039U	<0.039U	<0.045U	<0.038U	0.36	<0.0094U	<0.0076U	<0.008U	<0.039U	<0.026U	0.21	<0.027U	0.09	<0.03U	<0.0084U	<0.033U	<0.032U	0.19	<0.0085U	0.29	-	<0.00065U	-
SSHS-B68	SSHS-B68-2-6 (5.5)	8/14/2014	2-6	<0.04U	<0.04U	<0.046U	<0.038U	0.88	0.3	<0.0078U	<0.0082U	<0.039U	<0.026U	0.37	<0.028U	0.63	<0.03U	<0.0086U	<0.034U	<0.033U	0.54	<0.0086U	0.66	-	<0.00069U	-
SSHS-B68	SSHS-B68-6-8R (6.5)	8/14/2014	6-8	<0.04U	<0.04U	<0.046U	<0.039U	<0.053J	<0.029J	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.028U	<0.037J	<0.03U	<0.0086U	<0.034U	<0.033U	<0.062J	<0.0086U	<0.04J	-	<0.0006U	-
SSHS-B69	SSHS-B69-0.17-2 (1)	8/14/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	1.2	0.094	<0.0078U	<0.0082U	<0.04U	<0.026U	0.6	<0.028U	<0.053J	<0.031U	<0.0086U	<0.034U	<0.033U	0.51	<0.0087U	1	-	<0.00054U	-
SSHS-B69	SSHS-B69-2-4 (4)	8/14/2014	2-4	<0.044U	<0.044U	<0.05U	<0.042U	0.84	0.11	<0.0085U	<0.009U	<0.043U	<0.029U	0.25	<0.03U	0.58	<0.033U	<0.0094U	<0.037U	<0.036U	0.74	<0.0095U	0.6	-	<0.00077U	-
SSHS-B69	SSHS-B69-4-6R (5)	8/14/2014	4-6	<0.04U	<0.04U	<0.046U	<0.039U	0.44	<0.053J	<0.0078U	<0.0082U	<0.04U	<0.026U	0.23	<0.028U	0.19	<0.031U	<0.0086U	<0.034U	<0.033U	0.31	<0.0087U	0.38	-	<0.00058U	-
SSHS-B70	SSHS-B70-0.17-2 (1)	8/14/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.04U	0.094	<0.0099U	<0.008U	<0.0084U	<0.041U	<0.027U	<0.054J	<0.028U	<0.0065U	<0.031U	<0.0088U	<0.035U	<0.034U	<0.033J	<0.0089U	0.082	-	<0.00076U	-
SSHS-B70	SSHS-B70-10-14 (12.5)	8/14/2014	10-14	<0.041U	<0.041U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0064U	<0.031U	<0.0087U	<0.034U	<0.033U	<0.012U	<0.0088U	<0.0075U	-	<0.00055U	-
SSHS-B70	SSHS-B70-2-6 (3.5)	8/14/2014	2-6	<0.04U	<0.04U	<0.046U	<0.038U	2	0.14	<0.0078U	<0.0081U	<0.039U	<0.026U	0.92	<0.027U	0.2	<0.03U	<0.0085U	<0.034U	<0.033U	1.1	<0.0086U	2	-	<0.0007U	-
SSHS-B70	SSHS-B70-6-10 (7.5)	8/14/2014	6-10	<0.2U	<0.2U	<0.23U	<0.2U	15	0.65	<0.04U	<0.042U	<0.2U	<0.13U	3.7	<0.14U	<0.26J	<0.15U	<0.044U	<0.17U	<0.17U	7.7	<0.044U	11	-	<0.00068U	-
SSHS-B71	SSHS-B71-0.17-2 (1.5)	8/15/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.038U	0.22	<0.0096U	<0.0077U	<0.0081U	<0.039U	<0.026U	0.097	<0.027U	<0.035J	<0.03U	<0.0085U	<0.034U	<0.033U	0.11	<0.0086U	0.19	-	<0.00068U	-
SSHS-B71	SSHS-B71-2.5-4.5 (3.5)	8/15/2014	2.5-4.5	<0.039U	<0.039U	<0.045U	<0.038U	<0.015J	<0.0095U	<0.0077U	<0.008U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.013J	<0.0085U	<0.013J	-	<0.00067U	-
SSHS-B71	SSHS-B71-6-9.5R (8)	8/15/2014	6-9.5	<0.038U	<0.038U	<0.043U	<0.037U	<0.0074U	<0.0091U	<0.0074U	<0.0078U	<0.037U	<0.025U	<0.0071U	<0.026U	<0.006U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.011U	<0.0082U	<0.007U	-	<0.00059U	-
SSHS-B72	SSHS-B72-0.17-2 (1)	8/15/2014	0.17-2	<0.039U	<0.039U	<0.044U	<0.037U	5.4	0.21	<0.0075U	<0.0079U	<0.038U	<0.025U	1.7	<0.027U	0.29	<0.029U	<0.0083U	<0.033U	<0.032U	3.9	<0.0084U	4.2	-	<0.00058U	-
SSHS-B72	SSHS-B72-11.5-13.5 (12.5)	8/15/2014	11.5-13.5	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0075U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00053U	-
SSHS-B72	SSHS-B72-3-5 (4)	8/15/2014	3-5	<0.038U	<0.038U	<0.044U	<0.037U	<0.0074U	<0.0092U	<0.0074U	<0.0078U	<0.037U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0082U	<0.007U	-	<0.00052U	-
SSHS-B72	SSHS-B72-6-10 (8)	8/15/2014	6-10	<0.044U	<0.044U	<0.051U	<0.043U	<0.0087U	<0.011U	<0.0087U	<0.0091U	<0.044U	<0.029U	<0.0084U	<0.031U	<0.007U	<0.034U	<0.0096U	<0.038U	<0.036U	<0.013U	<0.0096U	<0.0082U	-	<0.00059U	-
SSHS-B73	SSHS-B73-0.17-2 (1)	8/13/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.039U	7.2	0.8	<0.0079U	<0.0083U	<0.04U	<0.027U	1.7	<0.028U	0.16	<0.031U	<0.0088U	<0.035U	<0.033U	8.9	<0.0088U	9	-	<0.00064U	-
SSHS-B73	SSHS-B73-10-15 (12.5)	8/13/2014	10-15	<0.2U	<0.2U	<0.23U	<0.2U	10	1.3	<0.04U	<0.042U	<0.2U	<0.13U	2.2	<0.14U	0.6	<0.16U	<0.044U	<0.17U	<0.17U	12	<0.044U	11	-	<0.00055U	-
SSHS-B73	SSHS-B73-2-6 (4)	8/13/2014	2-6	<0.041U	<0.041U	<0.048U	<0.04U	3.5	0.4	<0.0081U	<0.0085U	<0.041U	<0.027U	0.79	<0.029U	0.62	<0.032U	<0.0089U	<0.035U	<0.034U	2.5	<0.009U	2.6	-	<0.00093U	-
SSHS-B73	SSHS-B73-6-10 (8)	8/13/2014	6-10	<0.04U	<0.04U	<0.046U	<0.038U	1.7	0.3	<0.0078U	<0.0082U	<0.039U	<0.026U	0.49	<0.027U	0.2	<0.03U	<0.0085U	<0.034U	<0.033U	2.3	<0.0086U	2.4	-	<0.00063U	-
SSHS-B74	SSHS-B74-0.17-2 (1.5)	8/13/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	0.33	<0.0097U	<0.0078U	<0.0082U	<0.04U	<0.026U	0.11	<0.028U	<0.0063U	<0.031U	<0.0086U	<0.034U	<0.033U	0.15	<0.0087U	0.31	-	<0.00072U	-
SSHS-B74	SSHS-B74-10-15 (12.5)	8/13/2014	10-15	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0098U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.0076U	<0.028U	<0.0064U	<0.031U	<0.0087U	<0.034U	<0.033U	<0.012U	<0.0088U	<0.0075U	-	<0.0007U	-
SSHS-B74	SSHS-B74-2-6 (5)	8/13/2014	2-6	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0075U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.0007U	-
SSHS-B74	SSHS-B74-6-10 (7.5)	8/13/2014	6-10	<0.04U	<0.04U	<0.046U	0.39	<0.0078U	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.028U	<0.0063U	<0.03U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.00055U	-
SSHS-B75	SSHS-B75-0.17-2 (1.5)	8/14/2014	0.17-2	<0.4U	<0.4U	<0.46U	<0.39U	1	<0.097U	<0.078U	<0.082U	<0.4U	<0.26U	<0.6J	<0.28U	<0.26J	<0.31U	<0.086U	<0.34U	<0.33U	<0.52J	<0.087U	1	-	<0.0007U	-
SSHS-B75	SSHS-B75-10-15 (12.5)	8/14/2014	10-15	<0.038U	<0.038U	<0.044U	<0.037U	<0.0074U	<0.0092U	<0.0074U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0082U	<0.007U	-	<0.00063U	-
SSHS-B75	SSHS-B75-2-6 (3)	8/14/2014	2-6	<0.041U	<0.041U	<0.047U	<0.04U	<0.051J	<0.0099U	<0.008U	<0.0084U	<0.041U	<0.027U	<0.026J	<0.028U	<0.0065U	<0.031U	<0.0089U	<0.035U	<0.034U	<0.034J	<0.0089U	<0.045J	-	<0.00066U	-
SSHS-B75	SSHS-B75-6-10 (8)	8/14/2014	6-10	<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	-	<0.00069U	-
SSHS-B76	SSHS-B76-0.17-2 (1.5)	8/14/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.039U	0.51	<0.019J	<0.0079U	<0.0083U	<0.04U	<0.027U	0.11	<0.028U	<0.032J	<0.031U	<0.0087U	<0.035U	<0.033U	0.45	<0.0088U	0.42	-	<0.0006U	-
SSHS-B76	SSHS-B76-10-15 (12.5)	8/14/2014	10-15	<0.039U	<0.039U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00063U	-
SSHS-B76	SSHS-B76-2-6 (5)	8/14/2014	2-6	<0.041U	<0.041U	<0.047U	<0.04U	<0.0081U	<0.0099U	<0.008U	<0.0084U	<0.041U	<0.027U	<0.0078U	<0.028U	<0.0065U	<0.031U	<0.0089U	<0.035U	<0.034U	<0.012U	<0.0089U	<0.0076U	-	<0.00064U	-
SSHS-B76	SSHS-B76-6-10 (8)	8/14/2014	6-10	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0074U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00065U	-
SSHS-B77	SSHS-B77-0.17-2 (1.5)	8/14/2014	0.17-2	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.0061U	<0.029U	<0.0082U	<0.033U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00062U	-
SSHS-B77	SSHS-B77-10-15 (12.5)	8/14/2014	10-15	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0074U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00059U	-
SSHS-B77	SSHS-B77-2-6 (5)	8/14/2014	2-6	<0.039U	<0.039U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0085U	<0.033U	<0.032U	<0.011U	<0.0085U	<0.0073U	-	<0.0006U	-
SSHS-B77	SSHS-B77-6-10 (8)	8/14/2014	6-10	<0.039U	<0.039U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00063U	-
SSHS-B78	SSHS-B78-0.17-2 (1.5)	8/14/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.04U	1.9	<0.072J	<0.008U	<0.0084U	<0.041U	<0.027U	0.97	<0.028U	0.45	<0.031U	<0.0088U	<0.035U	<0.034U	0.99	<0.0089U	1.7	-	<0.00068U	-
SSHS-B78	SSHS-B78-10-15 (12)	8/14/2014	10-15	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0074U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00067U	-
SSHS-B78	SSHS-B78-2-6 (3.5)	8/14/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	1.2	<0.035J	<0.0078U	<0.0082U	<0.04U	<0.026U	0.63	<0.028U	0.23	<0.031U	<0.0086U	<0.034U	<0.033U	0.52	<0.0087U	1	-	<0.00072U	-
SSHS-B78	SSHS-B78-6-10 (8)	8/14/2014	6-10	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.028U	<0.0063U	<0.03U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.00082U	-
SSHS-B79	SSHS-B79-0.17-2 (1)	8/14/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.04U	2.5	<0.069J	<0.008U	<0.0084U	<0.041U	<0.027U	2.1	<0.028U	4.6	<0.031U	<0.0088U	<0.035U	<0.034U	1.3	<0.0089U	2	-	<0.00078U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.00078U	<0.00074U	<0.00084U	<0.0017U	<0.0009U	-	<0.00056U	<0.00083U	<0.00096U	<0.00067U	<0.00098U	<0.00087U	<0.00071U	-	<0.00063U	<0.0008U	<0.00065U	<0.00051U	<0.00052U	<0.00082U	<0.0018U	<0.00068U
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.00073U	<0.0007U	<0.00079U	<0.0016U	<0.00085U	-	<0.00053U	<0.00078U	<0.0009U	<0.00062U	<0.00092U	<0.00081U	<0.00067U	-	<0.00059U	<0.00075U	<0.00061U	<0.00048U	<0.00048U	<0.00077U	<0.0017U	<0.00063U
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.00067U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00048U	<0.00071U	<0.00083U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00056U	<0.00044U	<0.00044U	<0.00071U	<0.0015U	<0.00058U
SSHS-B8	B23484	5/11/2000	4-5	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	-	<0.0055U	-	-	0.0013J
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.0007U	<0.00066U	<0.00075U	<0.0015U	<0.0008U	-	<0.0005U	<0.00074U	<0.00086U	<0.00059U	<0.00087U	<0.00077U	<0.00063U	-	<0.00056U	<0.00071U	<0.00058U	<0.00046U	<0.00046U	<0.00073U	<0.0016U	<0.0006U
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<0.00051U	<0.00048U	<0.00055U	<0.0011U	<0.00058U	-	<0.00036U	<0.00054U	<0.00062U	<0.00043U	<0.00064U	<0.00056U	<0.00046U	-	<0.00041U	<0.00052U	<0.00042U	<0.00033U	<0.00033U	<0.00053U	<0.0012U	<0.00044U
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<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	<0.00056U
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.00066U	<0.00063U	<0.00089J	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00043U	<0.00069U	<0.0015U	<0.00057U
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0007U	<0.00066U	<0.00075U	<0.0015U	<0.0008U	-	<0.0005U	<0.00074U	<0.00086U	<0.00059U	<0.00087U	<0.00077U	<0.00063U	-	<0.00056U	<0.00071U	<0.00058U	<0.00046U	<0.00046U	<0.00073U	<0.0016U	<0.0006U
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.00086U	<0.00082U	<0.00093U	<0.0019U	<0.00099U	-	<0.00062U	<0.00091U	<0.0011U	<0.00073U	<0.0011U	<0.00095U	<0.00078U	-	<0.00069U	<0.00088U	<0.00071U	<0.00056U	<0.00057U	<0.0009U	<0.002U	<0.00074U
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.00072U	<0.00068U	<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	<0.0016U	<0.00062U
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.00067U	<0.00064U	<0.00072U	<0.0015U	<0.00077U	-	<0.00048U	<0.00071U	<0.00082U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00055U	<0.00044U	<0.00044U	<0.0007U	<0.0015U	<0.00058U
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U,*	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00043U	<0.00069U	<0.0015U	<0.00057U
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.00056U	<0.00053U	<0.00061U	<0.0012U	<0.00065U	-	<0.0004U	<0.0006U	<0.00069U	<0.00048U	<0.0007U	<0.00062U	<0.00051U	-	<0.00045U	<0.00057U	<0.00047U	<0.00037U	<0.00037U	<0.00059U	<0.0013U	<0.00049U
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00044U	<0.00069U	<0.0015U	<0.00057U
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<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	<0.00047U
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00072U	-	<0.00045U	<0.00067U	<0.00077U	<0.00053U	<0.00079U	<0.00069U	<0.00057U	-	<0.0005U	<0.00064U	<0.00052U	<0.00041U	<0.00041U	<0.00066U	<0.0014U	<0.00054U
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.00071U	-	<0.00044U	<0.00065U	<0.00076U	<0.00052U	<0.00077U	<0.00068U	<0.00056U	-	<0.00049U	<0.00063U	<0.00051U	<0.0004U	<0.00041U	<0.00064U	<0.0014U	<0.00053U
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.00071U	<0.00068U	<0.00077U	<0.0016U	<0.00082U	-	<0.00051U	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.00079U	<0.00065U	-	<0.00057U	<0.00073U	<0.00059U	<0.00047U	<0.00047U	<0.00075U	<0.0016U	<0.00062U
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<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	<0.00057U
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.00067U	<0.00064U	<0.00072U	<0.0015U	<0.00077U	-	<0.00048U	<0.00071U	<0.00082U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00056U	<0.00044U	<0.00044U	<0.0007U	<0.0015U	<0.00058U
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.00062U	<0.00059U	<0.00067U	<0.0014U	<0.00072U	-	<0.00045U	<0.00066U	<0.00077U	<0.00053U	<0.00078U	<0.00069U	<0.00056U	-	<0.0005U	<0.00063U	<0.00052U	<0.00041U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.00065U	<0.00062U	<0.0007U	<0.0014U	<0.00075U	-	<0.00047U	<0.00069U	<0.0008U	<0.00055U	<0.00081U	<0.00072U	<0.00059U	-	<0.00052U	<0.00066U	<0.00054U	<0.00042U	<0.00043U	<0.00068U	<0.0015U	<0.00056U
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.00057U	<0.00054U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00049U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00047U	<0.00037U	<0.00038U	<0.0006U	<0.0013U	<0.00049U
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	<0.098U	<0.11U	<0.084U	<0.093U	<0.12U	<0.21U	<0.13U	<0.15U	<0.12U	<0.09U	<0.14U	<0.15U	<0.072U	<0.2U	<0.12U	<0.096U	<0.12U	<0.13U	<0.17U	<0.12U	<0.13U	<0.11U
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	<0.0024U	<0.0027U	<0.0021U	<0.0023U	<0.003U	<0.0053U	<0.0031U	<0.0037U	<0.003U	<0.0022U	<0.0035U	<0.0038U	<0.0018U	<0.0049U	<0.003U	<0.0024U	<0.0029U	<0.0032U	<0.0041U	<0.003U	<0.0032U	<0.0026U
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.00076U	<0.00073U	<0.00082U	<0.0017U	<0.00088U	-	<0.00055U	<0.00081U	<0.00094U	<0.00065U	<0.00096U	<0.00085U	<0.00069U	-	<0.00061U	<0.00078U	<0.00063U	<0.0005U	<0.0005U	<0.0008U	<0.0017U	<0.00066U
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.00071U	<0.00068U	<0.00079J	<0.0016U	<0.00082U	-	<0.00051U	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.00079U	<0.00065U	-	<0.00057U	<0.00073U	<0.00059U	<0.00047U	<0.00047U	<0.00075U	<0.0016U	<0.00062U
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.001U	<0.00095U	<0.0011U	<0.0022U	<0.0012U	-	<0.00072U	<0.0011U	<0.0012U	<0.00085U	<0.0013U	<0.0011U	<0.00091U	-	<0.0008U	<0.001U	<0.00083U	<0.00065U	<0.00066U	<0.001U	<0.0023U	<0.00086U
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.00059U	<0.00056U	<0.00064U	<0.0013U	<0.00068U	-	<0.00043U	<0.00063U	<0.00073U	<0.0005U	<0.00074U	<0.00066U	<0.00054U	-	<0.00048U	<0.0006U	<0.00049U	<0.00039U	<0.00039U	<0.00062U	<0.0014U	<0.00051U
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	<0.0021U	<0.0023U	<0.0018U	<0.002U	<0.0026U	<0.0046U	<0.0027U	<0.0032U	<0.0026U	<0.0019U	<0.003U	<0.0033U	<0.0015U	<0.0042U	<0.0026U	<0.002U	<0.0025U	<0.0028U,*	<0.0035U	<0.0026U	<0.0027U	<0.0022U
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00074U	<0.00071U	<0.0008U	<0.0016U	<0.00085U	-	<0.00053U	<0.00079U	<0.00091U	<0.00063U	<0.00093U	<0.00082U	<0.00067U	-	<0.0006U	<0.00076U	<0.00062U	<0.00049U	<0.00049U	<0.00078U	<0.0017U	<0.00064U
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<0.00059U	<0.00056U	<0.00063U	<0.0013U	<0.00068U	-	<0.00042U	<0.00062U	<0.00072U	<0.0005U	<0.00074U	<0.00065U	<0.00053U	-	<0.00047U	<0.0006U	<0.00049U	<0.00038U	<0.00039U	<0.00062U	<0.0013U	<0.00051U
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00043U	<0.00069U	<0.0015U	<0.00057U
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00044U	<0.00069U	<0.0015U	<0.00057U
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00061U	<0.00058U	<0.00065U	<0.0013U	<0.0007U	-	<0.00044U	<0.00064U	<0.00075U	<0.00052U	<0.00076U	<0.00067U	<0.00055U	-	<0.00049U	<0.00062U	<0.0005U	<0.0004U	<0.0004U	<0.00064U	<0.0014U	<0.00052U
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.00079U	<0.00075U	<0.00086U	<0.0017U	<0.00092U	-	<0.00057U	<0.00084U	<0.00098U	<0.00068U	<0.001U	<0.00088U	<0.00072U	-	<0.00064U	<0.00081U	<0.00066U	<0.00052U	<0.00052U	<0.00083U	<0.0018U	<0.00069U
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00074U	-	<0.00046U	<0.00068U	<0.00079U	<0.00055U	<0.00081U	<0.00071U	<0.00058U	-	<0.00052U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00056U
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00043U	<0.00069U	<0.0015U	<0.00057U
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<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	<0.00046U	<0.00046U	<0.00073U	<0.0016U	<0.0006U
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00073U	-	<0.00046U	<0.00067U	<0.00078U	<0.00054U	<0.0008U	<0.0007U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.00046U	<0.00044U	<0.00049U	<0.001U	<0.00053U	-	<0.00033U	<0.00049U	<0.00056U	<0.00039U	<0.00057U	<0.00051U	<0.00042U	-	<0.00037U	<0.00047U	<0.00038U	<0.0003U	<0.0003U	<0.00048U	<0.001U	<0.0004U
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.0007U	-	<0.00044U	<0.00065U	<0.00075U	<0.00052U	<0.00077U	<0.00068U	<0.00055U	-	<0.00049U	<0.00062U	<0.00051U	<0.0004U	<0.0004U	<0.00064U	<0.0014U	<0.00053U
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	<0.002U	<0.0022U	<0.0017U	<0.0019U	<0.0025U	<0.0043U	<0.0025U	<0.003U	<0.0024U	<0.0018U	<0.0029U	<0.0031U	<0.0015U	<0.004U	<0.0025U	<0.0019U	<0.0024U	<0.0026U	<0.0033U	<0.0024U	<0.0026U	<0.0021U
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0028U	<0.0034U	<0.0027U	<0.002U	<0.0032U	<0.0035U	<0.0016U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.0029U	<0.0024U
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	<0.0023U	<0.0025U	<0.002U	<0.0022U	<0.0028U	<0.005U	<0.0029U	<0.0035U	<0.0028U	<0.0021U	<0.0033U	<0.0036U,*	<0.0017U	<0.0046U	<0.0029U	<0.0022U	<0.0027U	<0.003U	<0.0039U	<0.0028U	<0.003U	<0.0025U
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.00059U	<0.00056U	<0.00064U	<0.0013U	<0.00068U	-	<0.00042U	<0.00063U	<0.00072U	<0.0005U	<0.00074U	<0.00065U	<0.00053U	-	<0.00047U	<0.0006U	<0.00049U	<0.00039U	<0.00039U	<0.00062U	<0.0014U	<0.00051U
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.00067U	<0.00063U	<0.00072U	<0.0014U	<0.00077U	-	<0.00048U	<0.00071U	<0.00082U	<0.00057U	<0.00084U	<0.00074U	<0.00061U	-	<0.00054U	<0.00068U	<0.00055U	<0.00044U	<0.00044U	<0.0007U	<0.0015U	<0.00058U
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00072U	-	<0.00045U	<0.00067U	<0.00077U	<0.00053U	<0.00079U	<0.00069U	<0.00057U	-	<0.0005U	<0.00064U	<0.00052U	<0.00041U	<0.00041U	<0.00066U	<0.0014U	<0.00054U
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00074U	-	<0.00046U	<0.00068U	<0.00078U	<0.00054U	<0.0008U	<0.00071U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	<0.0024U	<0.0026U	0.0028J	0.0074	<0.003U	0.0074J	<0.0031U	<0.0036U	<0.0029U	<0.0022U	<0.0035U	<0.0037U	<0.0018U	<0.0048U	<0.003U	<0.0023U	<0.0029U	<0.0032U	<0.004U	<0.0029U	<0.0031U	<0.0026U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.00099U	<0.00081U	<0.00078U,*	<0.00078U	<0.00076U	<0.00079U	<0.00069U	<0.00069U	<0.00054U	<0.00098U	<0.001U	<0.00092U	<0.00076U	<0.00088U	<0.001U,*	<0.00085U	<0.00077U	<0.0011U	-	-	-	-
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.00092U	<0.00076U	<0.00074U	<0.00073U	<0.00071U	<0.00074U	<0.00065U	<0.00065U	<0.00051U	<0.00092U	<0.00096U	<0.00086U	<0.00071U	<0.00082U	<0.00094U	<0.0008U	<0.00072U	<0.001U	-	-	-	-
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.00085U	<0.0007U	<0.00067U,*	<0.00067U	<0.00065U	<0.00068U	<0.00059U	<0.00059U	<0.00047U	<0.00084U	<0.00088U	<0.00079U	<0.00065U	<0.00075U	<0.00086U,*	<0.00074U	<0.00066U	<0.00091U	-	-	-	-
SSHS-B8	B23484	5/11/2000	4-5	-	<0.0055U	-	<0.0055U	0.0022J	0.0029J	<0.0055U	-	<0.0055U	-	-	<0.37U	<0.37U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.00088U	<0.00073U	<0.0007U,*	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00062U	<0.00048U	<0.00087U	<0.00091U	<0.00082U	<0.00068U	<0.00078U	<0.00089U,*	<0.00076U	<0.00069U	<0.00095U	-	-	-	-
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<0.00064U	<0.00053U	<0.00051U,*	<0.0005U	<0.00049U	<0.00051U	<0.00045U	<0.00045U	<0.00035U	<0.00063U	<0.00066U	<0.0006U	<0.00049U	<0.00057U	<0.00065U,*	<0.00055U	<0.0005U	<0.00069U	-	-	-	-
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.00082U	<0.00068U	<0.00065U,*	<0.00065U	<0.00063U	<0.00065U	<0.00057U	<0.00057U	<0.00045U	<0.00081U	<0.00085U	<0.00077U	<0.00063U	<0.00073U	<0.00083U,*	<0.00071U	<0.00064U	<0.00088U	-	-	-	-
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.00083U	<0.00069U	<0.00066U,*	<0.00066U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U,*	<0.00072U	<0.00065U	<0.0009U	-	-	-	-
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00088U	<0.00072U	<0.0007U	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00062U	<0.00048U	<0.00087U	<0.00091U	<0.00082U	<0.00068U	<0.00078U	<0.00089U	<0.00076U	<0.00069U	<0.00095U	-	-	-	-
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.0011U	<0.00089U	<0.00086U	<0.00086U	<0.00084U	<0.00087U	<0.00076U	<0.00076U	<0.0006U	<0.0011U	<0.0011U	<0.001U	<0.00083U	<0.00096U	<0.0011U	<0.00094U	<0.00085U	<0.0012U	-	-	-	-
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.00091U	<0.00075U	<0.00072U	<0.00072U	<0.0007U	<0.00072U	<0.00063U	<0.00064U	<0.0005U	<0.0009U	<0.00094U	<0.00085U	<0.0007U	<0.00081U	<0.00092U	<0.00079U	<0.00071U	<0.00098U	-	-	-	-
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.00084U	<0.0007U	<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-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00083U	<0.00068U	<0.00066U	<0.00065U	<0.00064J	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U,*	<0.00086U,*	<0.00078U,*	<0.00064U,*	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.00089U	-	-	-	-
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.00071U	<0.00058U	<0.00056U	<0.00056U	<0.00055U	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.0007U	<0.00073U	<0.00066U	<0.00055U	<0.00063U	<0.00072U	<0.00061U	<0.00055U	<0.00076U	-	-	-	-
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.00083U	<0.00069U	<0.00066U	<0.00066U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.0009U	-	-	-	-
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.00068U	<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-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.00079U	<0.00065U	<0.00063U	<0.00062U	<0.00061U	<0.00063U	<0.00055U	<0.00055U	<0.00043U	<0.00078U	<0.00082U	<0.00074U	<0.00061U	<0.0007U	<0.0008U	<0.00068U	<0.00062U	<0.00085U	-	-	-	-
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.00077U	<0.00064U	<0.00062U	<0.00061U	<0.0006U	<0.00062U	<0.00054U	<0.00054U	<0.00043U	<0.00077U	<0.0008U	<0.00072U	<0.0006U	<0.00069U	<0.00078U	<0.00067U	<0.0006U	<0.00083U	-	-	-	-
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.0009U	<0.00074U	<0.00072U	<0.00071U	<0.00069U	<0.00072U	<0.00063U	<0.00063U	<0.0005U	<0.00089U	<0.00093U	<0.00084U	<0.00069U	<0.0008U	<0.00091U	<0.00078U	<0.0007U	<0.00097U	-	-	-	-
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<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-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.00084U	<0.0007U	<0.00067U	<0.00067U	<0.00065U	<0.00067U	<0.00059U	<0.00059U	<0.00047U	<0.00084U	<0.00087U	<0.00079U	<0.00065U	<0.00075U	<0.00086U	<0.00073U	<0.00066U	<0.00091U	-	-	-	-
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.00078U	<0.00065U	<0.00062U	<0.00062U	<0.00061U	<0.00063U	<0.00055U	<0.00055U	<0.00043U	<0.00078U	<0.00081U	<0.00073U	<0.0006U	<0.0007U	<0.00079U	<0.00068U	<0.00061U	<0.00085U	-	-	-	-
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.00082U	<0.00067U	<0.00065U	<0.00064U	<0.00063U	<0.00065U	<0.00057U	<0.00057U	<0.00045U	<0.00081U	<0.00085U	<0.00076U	<0.00063U	<0.00073U	<0.00083U	<0.00071U	<0.00064U	<0.00088U	-	-	-	-
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.00072U	<0.00059U	<0.00057U	<0.00057U	<0.00056U	<0.00058U	<0.0005U	<0.00051U	<0.0004U	<0.00071U	<0.00075U	<0.00067U	<0.00055U	<0.00064U	<0.00073U	<0.00062U	<0.00056U	<0.00078U	-	-	-	-
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	<0.19U	<0.078U	<0.08U	<0.12U	0.54	<0.1U	<0.13U	<0.086U	<0.18U	<0.1U	<0.08U	<0.2U	<0.079U	<0.078U	<0.14U	<0.22U	<0.15U	<0.073U	<0.0073U	<0.029U	-	-
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	<0.0048U	<0.0019U	<0.002U	<0.0029U	<0.0019U	<0.0025U	<0.0031U	<0.0021U	<0.0045U	<0.0026U	<0.002U	<0.005U	<0.002U	<0.0019U	<0.0034U	<0.0055U	<0.0036U	<0.0018U	<0.0076U	<0.03U	-	-
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.00096U	<0.00079U	<0.00077U	<0.00076U	<0.00074U	<0.00077U	<0.00067U	<0.00068U	<0.00053U	<0.00095U	<0.001U	<0.0009U	<0.00074U	<0.00086U	<0.00097U	<0.00083U	<0.00075U	<0.001U	-	-	-	-
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.0009U	<0.00074U	<0.00072U	<0.00071U	<0.00069U	<0.00072U	<0.00063U	<0.00063U	<0.0005U	<0.00089U	<0.00093U	<0.00084U	<0.00069U	<0.0008U	<0.00091U	<0.00078U	<0.0007U	<0.00097U	-	-	-	-
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.0013U	<0.001U	<0.001U	<0.00099U	<0.00097U	<0.001U	<0.00088U	<0.00088U	<0.00069U	<0.0012U	<0.0013U	<0.0012U	<0.00097U	<0.0011U	<0.0013U	<0.0011U	<0.00098U	<0.0014U	-	-	-	-
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.00075U	<0.00062U	<0.00059U	<0.00059U	<0.00058U	<0.0006U	<0.00052U	<0.00052U	<0.00041U	<0.00074U	<0.00077U	<0.0007U	<0.00058U	<0.00066U	<0.00076U	<0.00065U	<0.00058U	<0.00081U	-	-	-	-
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	<0.0041U	<0.0017U	<0.0017U	<0.0025U	0.028	<0.0021U	<0.0027U	<0.0018U	<0.0039U	<0.0022U	<0.0017U	<0.0043U	<0.0017U	<0.0017U	<0.0029U	<0.0048U	<0.0031U	<0.0015U	<0.0076U	<0.03U	-	-
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00093U	<0.00077U	<0.00074U	<0.00074U	<0.00072U	<0.00075U	<0.00065U	<0.00066U	<0.00052U	<0.00093U	<0.00097U	<0.00088U	<0.00072U	<0.00083U	<0.00095U	<0.00081U	<0.00073U	<0.001U	-	-	-	-
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<0.00074U	<0.00061U	<0.00059U	<0.00058U	<0.00057U	<0.00059U	<0.00052U	<0.00052U	<0.00041U	<0.00073U	<0.00076U	<0.00069U	<0.00057U	<0.00066U	<0.00075U	<0.00064U	<0.00058U	<0.0008U	-	-	-	-
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.00083U	<0.00068U	<0.00066U	<0.00065U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.00089U	-	-	-	-
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.00083U	<0.00069U	<0.00066U	<0.00066U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.0009U	-	-	-	-
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00076U	<0.00063U	<0.00061U	<0.0006U	<0.00059U	<0.00061U	<0.00053U	<0.00054U	<0.00042U	<0.00076U	<0.00079U	<0.00072U	<0.00059U	<0.00068U	<0.00077U	<0.00066U	<0.0006U	<0.00082U	-	-	-	-
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.001U	<0.00083U	<0.0008U	<0.00079U	<0.00077U	<0.0008U	<0.0007U	<0.0007U	<0.00055U	<0.00099U	<0.001U	<0.00094U	<0.00077U	<0.00089U	<0.001U	<0.00087U	<0.00078U	<0.0011U	-	-	-	-
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.00081U	<0.00067U	<0.00064U	<0.00064U	<0.00062U	<0.00065U	<0.00057U	<0.00057U	<0.00045U	<0.0008U	<0.00084U	<0.00076U	<0.00062U	<0.00072U	<0.00082U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.00083U	<0.00069U	<0.00066U	<0.00065U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.00089U	-	-	-	-
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<0.00088U	<0.00072U	<0.0007U	<0.00069U	<0.00068U	<0.0007U	<0.00061U	<0.00061U	<0.00048U	<0.00087U	<0.00091U	<0.00082U	<0.00067U	<0.00078U	<0.00089U	<0.00076U	<0.00068U	<0.00094U	-	-	-	-
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<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	<0.00069U	<0.00062U	<0.00086U	-	-	-	-
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.00058U	<0.00048U	<0.00046U	<0.00046U	<0.00045U	<0.00046U	<0.0004U	<0.00041U	<0.00032U	<0.00057U	<0.0006U	<0.00054U	<0.00044U	<0.00051U	<0.00058U	<0.0005U	<0.00045U	<0.00062U	-	-	-	-
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.00077U	<0.00064U	<0.00061U	<0.00061U	<0.0006U	<0.00062U	<0.00054U	<0.00054U	<0.00042U	<0.00076U	<0.0008U	<0.00072U	<0.00059U	<0.00069U	<0.00078U	<0.00067U	<0.0006U	<0.00083U	-	-	-	-
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	<0.0039U	<0.0016U	<0.0016U	<0.0024U	<0.081 - 0.0024J,H	<0.002U	<0.0026U	<0.0017U	<0.0037U	<0.0021U	<0.0016U	<0.004U	<0.0016U	<0.0016U	<0.0027U	<0.0045U	<0.0029U	<0.0015U	<0.0073U	<0.029U	-	-
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0041U	<0.0023U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0016U	<0.0078U	<0.031U	-	-
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	<0.0045U	<0.0018U	<0.0019U	<0.0027U	<0.0017U	<0.0023U	<0.003U	<0.002U	<0.0043U	<0.0024U,*	<0.0019U,*	<0.0047U,*	<0.0019U,*	<0.0018U	<0.0032U	<0.0052U	<0.0034U	<0.0017U	<0.008U	<0.031U	-	-
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.00074U	<0.00061U	<0.00059U	<0.00059U	<0.00057U	<0.00059U	<0.00052U	<0.00052U	<0.00041U	<0.00074U	<0.00077U	<0.0007U	<0.00057U	<0.00066U	<0.00075U	<0.00064U	<0.00058U	<0.0008U	-	-	-	-
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<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-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.00079U	<0.00065U	<0.00063U	<0.00062U	<0.00061U	<0.00063U	<0.00055U	<0.00055U	<0.00044U	<0.00078U	<0.00082U	<0.00074U	<0.00061U	<0.0007U	<0.0008U	<0.00069U	<0.00062U	<0.00085U	-	-	-	-
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.0008U	<0.00066U	<0.00064U	<0.00063U	<0.00062U	<0.00064U	<0.00056U	<0.00056U	<0.00044U	<0.0008U	<0.00083U	<0.00075U	<0.00062U	<0.00072U	<0.00081U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	<0.0047U	<0.0019U	<0.0019U	<0.0029U	<0.0018U	<0.0024U	<0.0031U	<0.0021U	<0.0045U	<0.0025U	<0.002U	<0.0049U	<0.0019U	<0.0019U	<0.0033U	<0.0055U	<0.0035U	<0.0018U	<0.0074U	<0.029U	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	EQL			0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
	Restricted - Residential				100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.00056U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00019U
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.00074U	-	-	-	-	<0.00076U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036UJ	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.00068U	-	-	-	-	<0.0007U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B8	B23484	5/11/2000	4-5	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.0007U	-	-	-	-	<0.00073U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00035U	-	<0.00028U	<0.0003J	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<0.00051U	-	-	-	-	<0.00053U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00034J
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.00065U	-	-	-	-	<0.00068U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.00066U	-	-	-	-	<0.00069U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.0003U	<0.00033U	<0.00031U	<0.00018U
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0007U	-	-	-	-	<0.00073U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.00086U	-	-	-	-	<0.0009U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.00072U	-	-	-	-	<0.00075U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00025J	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<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
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00066U	-	-	-	-	<0.00069U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.00056U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00019U
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.00066U	-	-	-	-	<0.00069U	-	<0.00027U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.00055U	-	-	-	-	<0.00057U	-	<0.00027U	<0.00029U	<0.00031U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.00063U	-	-	-	-	<0.00065U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.00062U	-	-	-	-	<0.00064U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.00031U	<0.00035U	<0.00032U	<0.00019U
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.00072U	-	-	-	-	<0.00074U	-	<0.0003U	<0.00032U	<0.00035U	<0.00051U	-	<0.00039U	<0.00039U	-	<0.0003U	<0.00026U	<0.0003U	<0.00033U	<0.00037U	<0.00035U	<0.00021U
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<0.00067U	-	-	-	-	<0.00069U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.00067U	-	-	-	-	<0.0007U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00058J	-	<0.00028U	<0.0014J	<0.0014J	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.00063U	-	-	-	-	<0.00065U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00035U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.00065U	-	-	-	-	<0.00068U	-	<0.00029U	<0.00031U	<0.00034U	<0.00049U	-	<0.00038U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00032U	<0.00036U	<0.00033U	<0.0002U
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.00057U	-	-	-	-	<0.0006U	-	<0.00027U	<0.00029U	<0.00031U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00031J
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	<0.12U	-	-	-	-	<0.066U	-	-	-	-	-	<0.077U	-	-	-	-	-	-	-	-	-	-
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	<0.0029U	-	-	-	-	<0.0016U	-	-	-	-	-	<0.082U	-	-	-	-	-	-	-	-	-	-
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.00077U	-	-	-	-	<0.0008U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.00072U	-	-	-	-	<0.00074U	-	<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
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.001U	-	-	-	-	<0.001U	-	<0.00031U	<0.00034U	<0.00037U	<0.00054U	-	<0.00041U	<0.00041U	-	<0.00032U	<0.00027U	<0.00031U	<0.00035U	<0.00039U	<0.00037U	<0.00022U
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.0006U	-	-	-	-	<0.00062U	-	<0.00028U	<0.0003U	<0.00033U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	<0.0025U	-	-	-	-	<0.0014U	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00074U	-	-	-	-	<0.00077U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<0.00059U	-	-	-	-	<0.00061U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.00031U	<0.00035U	<0.00032U	<0.00019U
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.00066U	-	-	-	-	<0.00069U	-	<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
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.00066U	-	-	-	-	<0.00069U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00037U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00061U	-	-	-	-	<0.00063U	-	<0.00028U	<0.0003U	<0.0019U	<0.00048U	-	<0.00037U	<0.0037U	-	<0.0019U	<0.0019U	<0.0019U	<0.00031U	<0.00035U	<0.00033U	<0.0019U
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.0008U	-	-	-	-	<0.00083U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.00064U	-	-	-	-	<0.00067U	-	<0.00029U	<0.00031U	<0.00034U	<0.00049U	-	<0.00038U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00032U	<0.00036U	<0.00034U	<0.0002U
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.00066U	-	-	-	-	<0.00069U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<0.0007U	-	-	-	-	<0.00073U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00072J,p	-	<0.00029U	<0.00081J,p	<0.00067J,p	<0.00031U	<0.00035U	<0.00033U	<0.00042J,p
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.00064U	-	-	-	-	<0.00066U	-	<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
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.00046U	-	-	-	-	<0.00048U	-	<0.00029U	<0.00031U	<0.00035U	<0.0005U	-	<0.00038U	<0.00038U	-	<0.0003U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00034U	<0.00033J
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.00061U	-	-	-	-	<0.00064U	-	<0.00027U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	<0.0023U	-	-	-	-	<0.0013U	-	-	-	-	-	<0.16U	-	-	-	-	-	-	-	-	-	-
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	<0.084U	-	-	-	-	-	-	-	-	-	-
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	<0.0027U	-	-	-	-	<0.0016U	-	-	-	-	-	<0.17U	-	-	-	-	-	-	-	-	-	-
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.00059U	-	-	-	-	<0.00062U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00036U	<0.00058J	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00051J,p
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.00067U	-	-	-	-	<0.0007U	-	<0.00028U	<0.0003U	<0.00033U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.00063U	-	-	-	-	<0.00065U	-	<0.00029U	<0.00031U	<0.00035U	<0.0005U	-	<0.00038U	<0.00038U	-	<0.0003U	<0.00025U	<0.00029U	<0.00032U	<0.00036U	<0.00034U	<0.0002U
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.00064U	-	-	-	-	<0.00067U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	<0.0028U	-	-	-	-	<0.0016U	-	-	-	-	-	<0.079U	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents											
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00052J	<0.012U	<0	<0.001U	<0.0008U	<0.00076U,*	<0.0058U	<0.00059U	<0.00043U	<0.00087U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.00035U	<0.00035UJ	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00096U	<0.00075U	<0.00071U	<0.0054U	<0.00056U	<0.0004U	<0.00081U	<0.032U	<0.027U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00088U	<0.00069U	<0.00065U,*	<0.005U	<0.00051U	<0.00037U	<0.00074U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B8	B23484	5/11/2000	4-5	<0.0019U	-	-	-	<0.0019U	-	-	-	0.042	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00084J	<0.012U	8.93	<0.00091U	<0.00071U	<0.00067U,*	<0.0052U	<0.00053U	<0.00038U	<0.00077U	<0.032U	<0.027U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<0.00035U	<0.00041J	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.0026J	<0.012U	<0	<0.00066U	<0.00052U	<0.00049U,*	<0.0037U	<0.00038U	<0.00028U	<0.00056U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00085U	<0.00066U	<0.00063U,*	<0.0048U	<0.00049U	<0.00036U	<0.00072U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.00034U	<0.00034U	<0.00028U	<0.00031U	<0.00039U	<0.00035U	<0.00037U	<0.012U	<0	<0.00086U	<0.00067U	<0.00064U,*	<0.0049U	<0.0005U	<0.00042J	<0.00073U	<0.031U	<0.027U	<0.04U	<0.023U	<0.038U	<0.053U
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00039U	<0.012U	30.1	<0.00091U	<0.00071U	<0.00067U	<0.0052U	<0.00053U	<0.00038U	<0.00077U	<0.14J	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00041U	<0.00036U	<0.00039U	<0.012U	<0	<0.0011U	<0.00088U	<0.00083U	<0.0064U	<0.00065U	<0.00047U	<0.00095U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00039U	<0.012U	<0	<0.00094U	<0.00074U	<0.00069U	<0.0053U	<0.00055U	<0.0004U	<0.0008U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.00037U	<0.00037U	<0.0003U	<0.00034U	<0.00042U	<0.00037U	<0.0004U	<0.013U	<0	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.00051U	<0.00037U	<0.00074U	<0.034U	<0.029U	<0.044U	<0.024U	<0.041U	<0.057U
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	3.252	-	-	-	-	-	-	-	<0.029U	<0.027U	<0.056U	<0.03U	<0.035U	<0.032U
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	<0.421	-	-	-	-	-	-	-	<0.028U	<0.026U	<0.054U	<0.029U	<0.034U	<0.031U
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	5.982	-	-	-	-	-	-	-	<0.028U,F2,F1	<0.025U,F2,F1	<0.052U,F2,F1	<0.028U,F2,F1	<0.033U,F2,F1	<0.03U,F2,F1
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	<0.417	-	-	-	-	-	-	-	<0.028U	<0.025U	<0.053U	<0.028U	<0.034U	<0.031U
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	<0.445	-	-	-	-	-	-	-	<0.03U	<0.027U	<0.057U	<0.03U	<0.036U	<0.033U
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	0.884	-	-	-	-	-	-	-	<0.028U	<0.026U	<0.054U	<0.029U	<0.034U	<0.031U
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	<0.42	-	-	-	-	-	-	-	<0.028U	<0.025U	<0.054U	<0.029U	<0.034U	<0.031U
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	2.188	-	-	-	-	-	-	-	<0.029U	<0.026U	<0.055U	<0.029U	<0.035U	<0.032U
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00042U	<0.00036U	<0.00039U	<0.012U	0.972	<0.00086U	<0.00067U	<0.00064U	<0.0053J	<0.0005U	<0.00036U	<0.00073U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00073U	<0.00057U	<0.00054U	<0.0042U	<0.00043U	<0.00031U	<0.00062U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00086U	<0.00067U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00037U	<0.012U	<0	<0.00071U	<0.00056U	<0.00052U	<0.004U	<0.00041U	<0.0003U	<0.0006U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	-	-	-	-	-	-	-	-	61.62	-	-	-	-	-	-	-	0.043J	<0.026U	<0.055U	<0.029U	<0.035U	<0.032U
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	-	-	-	-	-	-	-	-	<0.416	-	-	-	-	-	-	-	<0.028U	<0.025U	<0.053U	<0.028U	<0.034U	<0.031U
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	-	-	-	-	-	-	-	-	1.467	-	-	-	-	-	-	-	<0.028U	<0.025U	<0.053U	<0.028U	<0.033U	<0.031U
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	-	-	-	-	-	-	-	-	<0.422	-	-	-	-	-	-	-	<0.028U	<0.026U	<0.054U	<0.029U	<0.034U	<0.031U
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	-	-	-	-	-	-	-	-	<0.427	-	-	-	-	-	-	-	<0.029U	<0.026U	<0.055U	<0.029U	<0.034U	<0.032U
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	-	-	-	-	-	-	-	-	1.049	-	-	-	-	-	-	-	<0.029U	<0.026U	<0.055U	<0.029U	<0.035U	<0.032U
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	-	-	-	-	-	-	-	-	<0.419	-	-	-	-	-	-	-	<0.028U	<0.025U	<0.054U	<0.028U	<0.034U	<0.031U
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	-	-	-	-	-	-	-	-	2.083	-	-	-	-	-	-	-	<0.028U	<0.025U	<0.053U	<0.028U	<0.034U	<0.031U
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00082U	<0.00064U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.032U	<0.027U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.0008U	<0.00063U	<0.00059U	<0.0045U	<0.00047U	<0.00034U	<0.00068U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.00038U	<0.00039U	<0.00031U	<0.00035U	<0.00044U	<0.00039U	<0.00041U	<0.013U	<0	<0.00093U	<0.00073U	<0.00069U	<0.0064J	<0.00054U	<0.00039U	<0.00079U	<0.035U	<0.03U	<0.045U	<0.025U	<0.042U	<0.059U
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.032U	<0.027U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	0.002J	<0.00036U	<0.00029U	<0.00069J	<0.00041U	<0.00036U	<0.00038U	<0.012U	7.683	<0.00087U	<0.00068U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00074U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00081U	<0.00064U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.00037U	<0.00037U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.0004U	<0.013U	<0	<0.00084U	<0.00066U	<0.00063U	<0.0048U	<0.00049U	<0.00036U	<0.00072U	<0.034U	<0.029U	<0.044U	<0.024U	<0.04U	<0.057U
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.00034U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00037U	<0.012U	<0	<0.00075U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	<0.007U	-	-	<0.0062U	<0.0056U	1.1p	<0.007U	<0.49U	-	<0.14U	<0.21U	<0.092U	<0.16U	<0.15U	<0.061U	<0.18U	-	-	<1.8U	-	<0.07U	<0.064U
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	<0.0075U	-	-	<0.0066U	<0.006U	0.22p	<0.0075U	<0.52U	-	<0.0036U	<0.0052U	<0.0023U	0.014J	<0.0037U	<0.0015U	<0.0045U	-	-	<0.045U	-	<0.18U	<0.17U
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	0.085	<0.001U	<0.00078U	<0.00074U	<0.0056U	<0.00058U	<0.00042U	<0.00084U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.00037U	<0.00037U	<0.0003U	<0.00034U	<0.00043U	<0.00037U	<0.0004U	<0.013U	<0	<0.00093U	<0.00073U	<0.00069U	<0.0053U	<0.00054U	<0.0007J	<0.00079U	<0.034U	<0.029U	<0.044U	<0.024U	<0.041U	<0.057U
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.0004U	<0.0004U	<0.00032U	<0.00037U	<0.00046U	<0.00041U	<0.00043U	<0.014U	<0	<0.0013U	<0.001U	<0.00096U	<0.0074U	<0.00076U	<0.00055U	<0.0011U	<0.037U	<0.031U	<0.047U	<0.026U	<0.044U	<0.061U
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00042U	<0.00036U	<0.00039U	<0.012U	<0	<0.00077U	<0.00061U	<0.00057U	<0.0044U	<0.00045U	<0.00033U	<0.00066U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	1.4p	-	-	0.07J,p	<0.03U,F1	<0.025U,F1	<0.037U,F1	<2.6U	-	<0.0031U	<0.0044U	<0.002U	0.0061J	<0.0032U	<0.0013U	<0.0039U	-	-	<0.039U	-	<0.072U	<0.066U
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	1.125	<0.00097U	<0.00076U	<0.00072U	<0.0055U	<0.00056U	<0.00041U	<0.00082U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00076U	<0.0006U	<0.00057U	<0.0043U	<0.00044U	<0.00032U	<0.00065U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.00039U	<0.00039U	<0.00031U	<0.00035U	<0.00045U	<0.00039U	<0.00042U	<0.013U	<0	<0.00086U	<0.00067U	<0.00063U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.036U	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00041U	<0.00036U	<0.00039U	<0.012U	<0	<0.00086U	<0.00067U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0035U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.0019U	<0.0036U	<0.012U	4.161	<0.00079U	<0.00062U	<0.00059U	<0.0045U	<0.00046U	<0.00033U	<0.00067U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.00035U	<0.00036U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.001U	<0.00081U	<0.00077U	<0.0059U	<0.0006U	<0.00044U	<0.00088U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.00037U	<0.00037U	<0.0003U	<0.00033U	<0.00042U	<0.00037U	<0.0004U	<0.013U	<0	<0.00084U	<0.00066U	<0.00062U	<0.0047U	<0.00049U	<0.00035U	<0.00071U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	<0	<0.00086U	<0.00067U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	0.002	<0.00036U	<0.00078J,p	<0.00033U	<0.00041U	<0.00038J,p	<0.0029J,p	<0.012U	5.14	<0.00091U	<0.00071U	<0.00067U	<0.0051U	<0.00053U	<0.00038U	<0.00077U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.00037U	<0.00037U	<0.0003U	<0.00034U	<0.00042U	<0.00037U	<0.0004U	<0.013U	<0	<0.00083U	<0.00065U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.057U
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.00037U	<0.00037U	<0.00033J,p	<0.00034U	<0.00043U	<0.00038U	<0.0004U	<0.013U	<0	<0.0006U	<0.00047U	<0.00044U	<0.0034U	<0.00035U	<0.00025U	<0.00051U	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.0008U	<0.00062U	<0.00059U	<0.0045U	<0.00046U	<0.00034U	<0.00068U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	<0.014U	-	-	<0.012U	<0.011U	<0.0093U	<0.014U	<0.98U	-	<0.0029U	<0.0042U	<0.0019U	<0.0032U	<0.003U	<0.0012U	<0.0037U	-	-	<0.037U,*	-	<0.69U	<0.63U
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	<0.0076U	-	-	<0.0067U	<0.0061U	<0.005U	<0.0076U	<0.53U	-	<0.0033U	<0.0047U	<0.0021U	<0.16 - 0.005J,H	<0.0034U	<0.0014U	<0.0042U	-	-	<0.041U,*	-	<0.073U	<0.067U
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	0.39p	-	-	<0.014U	<0.012U	<0.01U	<0.016U	<1.1U	-	<0.0034U	<0.0049U	<0.0022U	<0.0037U	<0.0035U	<0.0014U	<0.0043U	-	-	<0.043U	-	<0.038U	<0.035U
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.00076J	<0.00035U	<0.00029J,p	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00077U	<0.0006U	<0.00057U	<0.0044U	<0.00045U	<0.00032U	<0.00065U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00042U	<0.00036U	<0.00039U	<0.012U	<0	<0.00087U	<0.00068U	<0.00064U	<0.0049U	<0.00051U	<0.00037U	<0.00074U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.00037U	<0.00037U	<0.0003U	<0.00034U	<0.00043U	<0.00038U	<0.0004U	<0.013U	<0	<0.00082U	<0.00064U	<0.00061U	<0.0046U	<0.00048U	<0.00034U	<0.00069U	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.00035U	<0.00036U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00083U	<0.00065U	<0.00062U	<0.0047U	<0.00048U	<0.00035U	<0.00071U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	<0.0072U	-	-	<0.0063U	<0.0058U	1.7p	<0.0072U	<0.5U	-	<0.0035U	<0.0051U	<0.0023U	<0.0038U	<0.0037U	<0.0015U	<0.0045U	-	-	<0.044U	-	<0.069U	<0.064U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

Location	Field ID	Sample Date	Sample Depth	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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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			0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
	Restricted - Residential											100											100		
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.0072U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.011J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.0073U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B8	B23484	5/11/2000	4-5	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.03J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<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	<0.13U
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0066U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.0071U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0074U	<0.029U	<0.0063U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	0.33	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.056J	<0.15U	<0.13U
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.0075U	<0.058U	<0.44U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.0067U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.037U	<0.15U	<0.14U
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<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	<0.13U
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	<0.03U	<0.029U	<0.75U	<0.049U	<0.026U	<0.024U	<0.027U	<0.028U	<0.033U	<0.13U	<0.027U	-	<0.15U	<0.11U	<0.68U	<0.035U	<0.039U	<0.021U	<0.027U	<0.033U	<0.13U	<0.39U
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	<0.029U	<0.027U	<0.72U	<0.047U	<0.025U	<0.023U	<0.026U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.66U	<0.034U	<0.037U	<0.02U	<0.026U	<0.032U	<0.13U	<0.37U
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	<0.028U,F2,F1	<0.027U,F2,F1	<0.7U,F2,F1	<0.046U,F2,F1	<0.024U,F2,F1	<0.023U,F2,F1	<0.025U,F2,F1	<0.027U,F2,F1	<0.031U,F2,F1	<0.12U,F2,F1	<0.025U,F2,F1	-	<0.14U,F2	<0.1U,F2	<0.64U,F2,F1	<0.033U,F2,F1	<0.037U,F2,F1	<0.019U,F2,F1	<0.025U,F2,F1	<0.031U,F2,F1	<0.12U,F2,F1	<0.36U,F2,F1
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	<0.029U	<0.027U	<0.72U	<0.047U	<0.025U	<0.023U	<0.025U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.65U	<0.034U	<0.037U	<0.02U	<0.025U	<0.031U	<0.13U	<0.37U
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	<0.031U	<0.029U	<0.76U	<0.05U	<0.026U	<0.025U	<0.027U	<0.029U	<0.033U	<0.13U	<0.028U	-	<0.16U	<0.11U	<0.7U	<0.036U	<0.04U	<0.021U	<0.027U	<0.033U	<0.13U	<0.4U
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	<0.029U	<0.027U	<0.72U	<0.047U	<0.025U	<0.023U	<0.026U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.66U	<0.034U	<0.037U	<0.02U	<0.026U	<0.032U	<0.13U	<0.37U
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	<0.029U	<0.027U	<0.72U	<0.047U	<0.025U	<0.023U	<0.026U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.66U	<0.034U	<0.037U	<0.02U	<0.026U	<0.031U	<0.13U	<0.37U
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	<0.03U	<0.028U	<0.74U	<0.048U	<0.025U	<0.024U	<0.026U	<0.028U	<0.032U	<0.13U	<0.027U	-	<0.15U	<0.11U	<0.68U	<0.035U	<0.038U	<0.02U	<0.026U	<0.032U	<0.13U	<0.38U
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0075U	<0.058U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.034J	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.034U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.0071U	<0.055U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.0071U	<0.055U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	<0.03U	<0.028U	<0.74U	<0.049U	<0.025U	<0.024U	<0.026U	0.13	<0.032U	<0.13U	<0.027U	-	<0.15U	<0.11U	<0.68U	<0.035U	<0.039U	<0.021U	<0.026U	0.11J	<0.13U	<0.38U
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	<0.029U	<0.027U	<0.71U	<0.047U	<0.024U	<0.023U	<0.025U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.65U	<0.034U	<0.037U	<0.02U	<0.025U	<0.031U	<0.13U	<0.37U
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	<0.028U	<0.027U	<0.71U	<0.046U	<0.024U	<0.023U	<0.025U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.65U	<0.033U	<0.037U	<0.02U	<0.025U	<0.031U	<0.13U	<0.37U
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	<0.029U	<0.028U	<0.72U	<0.047U	<0.025U	<0.023U	<0.026U	<0.027U	<0.032U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.66U	<0.034U	<0.038U	<0.02U	<0.026U	<0.032U	<0.13U	<0.38U
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	<0.029U	<0.028U	<0.73U	<0.048U	<0.025U	<0.024U	<0.026U	<0.028U	<0.032U	<0.12U	<0.026U	-	<0.15U	<0.11U	<0.67U	<0.034U	<0.038U	<0.02U	<0.026U	<0.032U	<0.13U	<0.38U
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	<0.03U	<0.028U	<0.74U	<0.049U	<0.025U	<0.024U	<0.026U	<0.028U	<0.032U	<0.13U	<0.027U	-	<0.15U	<0.11U	<0.68U	<0.035U	<0.039U	<0.021U	<0.026U	<0.033U	<0.13U	<0.39U
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	<0.029U	<0.027U	<0.72U	<0.047U	<0.025U	<0.023U	<0.026U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.66U	<0.034U	<0.037U	<0.02U	<0.025U	<0.031U	<0.13U	<0.37U
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	<0.029U	<0.027U	<0.71U	<0.047U	<0.024U	<0.023U	<0.025U	<0.027U	<0.031U	<0.12U	<0.026U	-	<0.15U	<0.1U	<0.65U	<0.034U	<0.037U	<0.02U	<0.025U	<0.031U	<0.13U	<0.37U
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.0079U	<0.062U	<0.47U	<0.032U	<0.041U	<0.0082U	<0.032U	<0.0071U	<0.028U	<0.18U	<0.043U	-	<0.042U	<0.16U	<0.16U	<0.034U	<0.036U	<0.032U	<0.044U	<0.039U	<0.16U	<0.14U
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	0.076	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.0071U	<0.055U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	-	-	-	<0.097U	-	-	-	-	<0.065U	-	-	-	-	-	-	-	-	-	-	<0.065U	-	-
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	-	-	-	<0.25U	-	-	-	-	<0.17U	-	-	-	-	-	-	-	-	-	-	<0.17U	-	-
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.0075U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.0073J	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.0082U	<0.064U	<0.49U	<0.033U	<0.042U	<0.0086U	<0.034U	<0.0074U	<0.029U	<0.18U	<0.045U	-	<0.043U	<0.17U	<0.17U	<0.036U	<0.038U	<0.033U	<0.046U	<0.04U	<0.17U	<0.15U
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.0075U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.0067U	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.034U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	-	-	-	<0.1U	-	-	-	-	<0.067U	-	-	-	-	-	-	-	-	-	-	<0.067U	-	-
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.031J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0066U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.008U	<0.063U	<0.48U	<0.032U	<0.041U	<0.0084U	<0.033U	<0.0072U	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.17U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.039U	<0.16U	<0.15U
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.0075U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0078U	<0.031U	<0.0067U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.037U	<0.15U	<0.14U
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.026J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.0073U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.0076U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.0075U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.0068U	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<0.0075U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0078U	<0.031U	<0.059J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.037U	<0.15U	<0.14U
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.0077U	<0.06U	<0.45U	<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	<0.14U
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.0078U	<0.06U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	<0.0069U	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0066U	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	-	-	-	<0.96U	-	-	-	-	<0.64U	-	-	-	-	-	-	-	-	-	-	<0.64U	-	-
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	-	-	-	<0.1U	-	-	-	-	<0.068U	-	-	-	-	-	-	-	-	-	-	<0.068U	-	-
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	-	-	-	<0.052U	-	-	-	-	<0.035U	-	-	-	-	-	-	-	-	-	-	<0.035U	-	-
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.0071U	<0.055U	<0.42U	<0.029U	<0.036U	<0.0074U	<0.029U	<0.0071J	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.0075U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.0067U	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.034U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.0077U	<0.06U	<0.46U	<0.031U	<0.04U	<0.0081U	<0.032U	<0.0069U	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	-	-	-	<0.097U	-	-	-	-	<0.065U	-	-	-	-	-	-	-	-	-	-	<0.065U	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.0068U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.0079U	<0.035U
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.054UJ	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0067U	<0.0086U	<0.0081U	<0.036U
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.0092U	<0.055U	<0.0073U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B8	B23484	5/11/2000	4-5	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	-	-	-	-	-	-	-	-	<0.37U	<0.37U	<0.37U
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.0071J	0.11	<0.03U	0.17	<0.035U	0.86	<0.054U	0.88	0.98	0.79	0.44	-	<0.024U	<0.0097U	<0.0078U	<0.059U	<0.049U	<0.27U	0.1	0.73	0.16	<0.036U
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<0.0069U	<0.0082U	<0.03U	<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	<0.035U
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.0071U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.0092U	<0.055U	<0.0074U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.05U	<0.28U	<0.0068U	<0.0088U	<0.0082U	<0.036U
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0078U	<0.035U
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.07J	0.62	<0.03U	0.79	<0.036U	1.4	<0.055UJ	1.9	2.3	2.1	0.83	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.051U	<0.28U	0.14	1.7	0.45	0.65
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.036U	<0.0094U	<0.056UJ	<0.0075U	<0.012U	<0.0074U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0083U	<0.037U
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.036U	<0.0093U	<0.055UJ	<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	<0.036U
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.037U	<0.0095U	<0.057UJ	<0.0076U	<0.012U	<0.0076U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	<0.007U	<0.009U	<0.0084U	<0.037U
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	<0.025U	<0.025U	<0.025U	0.069J	<0.051U	0.35	<0.024U,*	0.28	0.35	0.14	0.14	-	<0.021U	<0.022U	<0.024U	<0.25U	<0.28U	<0.18U	0.034J	0.25	0.038J	<0.03U
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	<0.024U	<0.024U	<0.025U	<0.026U	<0.049U	<0.028U	<0.023U,*	<0.03U	<0.031U	<0.031U	<0.025U	-	<0.021U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	<0.03U	<0.028U	<0.029U	<0.029U
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	<0.023U,F2,F1	0.03J,F2,F1	<0.024U,F2,F1	0.2F2,F1	<0.048U,F2	0.54F2,F1	<0.023U,*	0.43F2,F1	0.53F2,F1	0.21F2	0.24F2,F1	-	<0.02U,F2,F1	<0.02U,F2,F1	<0.023U,F2,F1	<0.23U,F2,F1	<0.26U,F2,F1	<0.16U,F2,F1	0.12F2,F1	0.44F2,F1	0.059J,F2	<0.028U,F2,F1
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	<0.024U	<0.024U	<0.024U	<0.026U	<0.049U	<0.028U	<0.023U,*	<0.029U	<0.031U	<0.031U	<0.024U	-	<0.02U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	<0.03U	<0.028U	<0.029U	<0.028U
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	<0.025U	<0.026U	<0.026U	<0.028U	<0.052U	<0.03U	<0.025U,*	<0.031U	<0.033U	<0.033U	<0.026U	-	<0.022U	<0.022U	<0.024U	<0.25U	<0.28U	<0.18U	<0.032U	<0.029U	<0.031U	<0.03U
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	<0.024U	<0.024U	<0.025U	<0.026U	<0.049U	0.083	<0.023U,*	0.065J	0.084	0.037J	0.05J	-	<0.021U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	<0.03U	0.065J	<0.029U	<0.029U
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	<0.024U	<0.024U	<0.025U	<0.026U	<0.049U	<0.028U	<0.023U,*	<0.029U	<0.031U	<0.031U	<0.025U	-	<0.021U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	<0.03U	<0.028U	<0.029U	<0.028U
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	<0.025U	<0.025U	<0.025U	0.055J	<0.051U	0.2	<0.024U,*	0.17	0.24	0.089	0.075	-	<0.021U	<0.022U	<0.024U	<0.25U	<0.27U	<0.17U	0.031J	0.17	<0.03U	<0.029U
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0072U	<0.017J	<0.031U	<0.017J	<0.036U	0.09	<0.056U	0.083	0.11	0.086	<0.036J	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.0069U	0.15	<0.0083U	<0.037U
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0079U	<0.035U
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.0092U	<0.055U	<0.0073U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0068U	<0.0087U	<0.0082U	<0.036U
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0079U	<0.035U
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	0.061J	1.1	<0.025U	2	<0.051U	5.5	<0.024U	4.7	5.7	3.5	2.2	-	<0.021U	<0.022U	<0.024U	<0.25U	<0.27U	<0.17U	0.95	4.3	0.93	0.3J
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	<0.024U	<0.024U	<0.024U	<0.026U	<0.049U	<0.028U	<0.023U,*	<0.029U	<0.031U	<0.031U	<0.024U	-	<0.02U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	<0.03U	<0.028U	<0.029U	<0.028U
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	<0.024U	<0.024U	<0.024U	0.04J	<0.048U	0.13	<0.023U,*	0.11	0.13	0.063J	0.07	-	<0.02U	<0.021U	<0.023U	<0.23U	<0.26U	<0.17U	<0.03U	0.1	<0.029U	<0.028U
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	<0.024U	<0.024U	<0.025U	<0.026U	<0.049U	<0.028U	<0.023U,*	<0.03U	<0.031U	<0.031U	<0.025U	-	<0.021U	<0.021U	<0.023U	<0.24U	<0.27U	<0.17U	<0.031U	<0.028U	<0.03U	<0.029U
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	<0.024U	<0.025U	<0.025U	<0.027U	<0.05U	<0.029U	<0.024U	<0.03U	<0.031U	<0.031U	<0.025U	-	<0.021U	<0.021U	<0.024U	<0.24U	<0.27U	<0.17U	<0.031U	<0.028U	<0.03U	<0.029U
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	<0.025U	<0.025U	<0.025U	0.033J	<0.051U	0.09	<0.024U	0.079	0.099	0.059J	0.036J	-	<0.021U	<0.022U	<0.024U	<0.25U	<0.27U	<0.17U	<0.031U	0.069J	<0.03U	<0.029U
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	<0.024U	<0.024U	<0.024U	<0.026U	<0.049U	<0.028U	<0.023U	<0.029U	<0.031U	<0.031U	<0.025U	-	<0.021U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	<0.03U	<0.028U	<0.029U	<0.028U
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	<0.024U	0.032J	<0.024U	0.076	<0.049U	0.18	<0.023U	0.15	0.18	0.093	0.079	-	<0.02U	<0.021U	<0.023U	<0.24U	<0.26U	<0.17U	0.042J	0.14	<0.029U	<0.028U
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.021J	<0.054U	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.022J	<0.0081U	<0.036U
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.0071U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.0092U	<0.055U	<0.0074U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0099U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0068U	<0.0088U	<0.0082U	<0.036U
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.0076U	<0.009U	<0.032U	<0.0077U	<0.038U	<0.0099U	<0.059U	<0.0079U	<0.012U	<0.0078U	<0.016U	-	<0.026U	<0.011U	<0.0085U	<0.064U	<0.054U	<0.3U	<0.0073U	<0.0094U	<0.0088U	<0.039U
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.054U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0086U	<0.0081U	<0.036U
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.054J	0.54	<0.03U	0.37	<0.036U	0.57	<0.055U	0.65	0.9	0.81	0.31	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.05U	<0.28U	<0.06J	0.64	0.2	<0.042J
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.035U	<0.0089U	<0.053UJ	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0095U	<0.0077U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0079U	<0.035U
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.037U	<0.0095U	<0.057U	<0.0076U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	<0.007U	<0.009U	<0.0084U	<0.037U
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.009U	<0.054UJ	<0.0072U	<0.011U	<0.0071U	<0.014U	-	<0.024U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.008U	<0.035U
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.037U	<0.0094U	<0.056U	<0.0075U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0084U	<0.037U
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.037U	<0.0095U	<0.057U	<0.0076U	<0.012U	<0.0076U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	<0.007U	<0.0091U	<0.0085U	<0.037U
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.0079U	<0.0094U	<0.034U	<0.008U	<0.04U	<0.01U	<0.062U	<0.0082U	<0.013U	<0.0082U	<0.017U	-	<0.027U	<0.011U	<0.0089U	<0.066U	<0.056U	<0.31U	<0.0076U	<0.0098U	<0.0091U	<0.04U
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.036U	<0.0094U	<0.056U	<0.0075U	<0.012U	<0.0074U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0083U	<0.037U
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.0069U	<0.023J	<0.03U	<0.02J	<0.035U	0.1	<0.054U	0.096	0.13	0.12	<0.057J	-	<0.024U	<0.0096U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0097J	0.12	<0.032J	<0.035U
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<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	<0.036U
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.0077U	<0.0092U	<0.033U	<0.0078U	<0.039U	<0.01U	<0.06U	<0.008U	<0.013U	<0.008U	<0.016U	-	<0.026U	<0.011U	<0.0087U	<0.065U	<0.055U	<0.3U	<0.0074U	<0.0095U	<0.0089U	<0.039U
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.0072U	<0.0085U	<0.031U	<0.0073U	<0.036U	<0.0094U	<0.056U	<0.0075U	<0.012U	<0.0074U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0083U	<0.037U
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.0071U	0.12	<0.03U	0.09	<0.036U	0.36	<0.055UJ	0.31	0.46	0.33	0.18	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.05U	<0.28U	<0.0068U	0.44	0.091	<0.036U
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.0092U	<0.055UJ	<0.0073U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.0072U	<0.0086U	<0.031U	<0.0074U	<0.037U	<0.0095U	<0.057UJ	<0.0075U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.052U	<0.28U	<0.007U	<0.065J	<0.0084U	<0.037U
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.037U	<0.0094U	<0.056UJ	<0.0075U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0084U	<0.037U
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<0.01J	0.13	<0.031U	0.11	<0.036U	0.4	<0.056U	0.44	0.56	0.57	0.17	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.035J	0.4	0.11	<0.056J
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.0073U	<0.0087U	<0.031U	<0.0075U	<0.037U	<0.0096U	<0.057U	<0.0076U	<0.012U	<0.0076U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.062U	<0.052U	<0.29U	<0.007U	<0.0091U	<0.0085U	<0.038U
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.0074U	<0.0088U	<0.032U	<0.0076U	<0.038U	<0.0097U	<0.058U	<0.0077U	<0.012U	<0.0077U	<0.016U	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.053U	<0.29U	<0.0071U	<0.0092U	<0.0086U	<0.038U
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.034J	<0.053U	<0.031J	<0.037J	<0.032J	<0.018J	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.037J	<0.0081J	<0.035U
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.0072U	<0.0086U	<0.031U	<0.0073U	<0.036U	<0.0094U	<0.056U	<0.0075U	<0.012U	<0.0074U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.0089U	<0.0083U	<0.037U
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.0074U	<0.0088U	<0.032U	<0.0076U	<0.038U	<0.0097U	<0.058U	<0.0077U	<0.012U	<0.0077U	<0.016U	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.053U	<0.29U	<0.0071U	<0.0092U	<0.0086U	<0.038U
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.054U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0078U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																								VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B79	SSHS-B79-10-15 (12.5)	8/14/2014	10-15	<0.039U	<0.039U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00074U	-
SSHS-B79	SSHS-B79-2-6 (4.5)	8/14/2014	2-6	<0.04U	<0.039U	<0.045U	<0.038U	<0.021J	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.027J	<0.03U	<0.0085U	<0.033U	<0.032U	<0.031J	<0.0086U	<0.018J	-	<0.00069U	-
SSHS-B79	SSHS-B79-6-10 (8)	8/14/2014	6-10	<0.04U	<0.04U	<0.046U	<0.039U	<0.0078U	<0.0097U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.028U	<0.0063U	<0.03U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0087U	<0.0074U	-	<0.00063U	-
SSHS-B8	B23484	5/11/2000	4-5	-	-	-	-	0.042J	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<0.88U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B80	SSHS-B80-0.17-2 (1)	8/14/2014	0.17-2	<0.04U	<0.039U	<0.045U	<0.038U	1.3	<0.025J	<0.0077U	<0.0081U	<0.039U	<0.026U	0.71	<0.027U	0.11	<0.03U	<0.0085U	<0.034U	<0.032U	0.59	<0.0086U	1.1	-	<0.00066U	-
SSHS-B80	SSHS-B80-10-14.5 (12.5)	8/14/2014	10-14.5	<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	-	<0.00048U	-
SSHS-B80	SSHS-B80-2-6 (5)	8/14/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0079U	<0.0082U	<0.04U	<0.027U	<0.0076U	<0.028U	<0.0064U	<0.031U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0087U	<0.0075U	-	<0.00061U	-
SSHS-B80	SSHS-B80-6-10 (8)	8/14/2014	6-10	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0073U	<0.027U	<0.0061U	<0.029U	<0.0083U	<0.033U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00062U	-
SSHS-B81	SSHS-B81-0.17-2 (1.5)	8/14/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	4	0.61	<0.0079U	<0.0083U	<0.04U	<0.027U	1.8	<0.028U	0.9	<0.031U	<0.0087U	<0.034U	<0.033U	4.1	<0.0087U	6.6	-	<0.00066U	-
SSHS-B81	SSHS-B81-10-13.5 (10.5)	8/14/2014	10-13.5	<0.041U	<0.041U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.008U	<0.0084U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0064U	<0.031U	<0.0088U	<0.035U	<0.033U	<0.012U	<0.0088U	<0.0075U	-	<0.00081U	-
SSHS-B81	SSHS-B81-2-6 (4)	8/14/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0098U	<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	-	<0.00068U	-
SSHS-B81	SSHS-B81-6-10 (8)	8/14/2014	6-10	<0.041U	<0.041U	<0.048U	<0.04U	<0.0081U	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0078U	<0.029U	<0.0065U	<0.032U	<0.0089U	<0.035U	<0.034U	<0.012U	<0.009U	<0.0077U	-	<0.00063U	-
SSHS-B819	SSHS-B819-SUB-0-2	5/23/2017	0-2	<0.033U	<0.026U	<0.029U	<0.044U	0.66	<0.026U	<0.03U	<0.023U	<0.031U	<0.027U	0.14	<0.02U	0.029J	<0.028U	<0.025U	<0.058U	<0.7U	0.26	<0.05U	0.52	-	-	-
SSHS-B819	SSHS-B819-SUB-10-12	5/23/2017	10-12	<0.032U	<0.025U	<0.028U	<0.042U	<0.028U	<0.025U	<0.029U	<0.022U	<0.03U	<0.026U	<0.028U	<0.02U	<0.026U	<0.027U	<0.024U	<0.056U	<0.67U	<0.03U	<0.048U	<0.032U	-	-	-
SSHS-B819	SSHS-B819-SUB-12-14	5/23/2017	12-14	<0.031U,F2,F1	<0.024U,F2,F1	<0.028U,F2,F1	<0.041U,F2,F1	1.3F2,F1	<0.025U,F2,F1	<0.028U,F2,F1	<0.022U,F2,F1	<0.029U,F2,F1	<0.025U,F2,F1	0.2F2	<0.019U,F2,F1	0.03J,F2,F1	<0.027U,F2,F1	<0.024U,F2,F1	<0.055U,F2,F1	<0.66U,F2,F1	0.82F2,F1	<0.047U,F2,F1	0.94F2,F1	-	-	-
SSHS-B819	SSHS-B819-SUB-14-16	5/23/2017	14-16	<0.031U	<0.025U	<0.028U	<0.042U	<0.028U	<0.025U	<0.028U	<0.022U	<0.03U	<0.025U	<0.027U	<0.02U	<0.025U	<0.027U	<0.024U	<0.056U	<0.67U	<0.03U	<0.048U	<0.032U	-	-	-
SSHS-B819	SSHS-B819-SUB-2-4	5/23/2017	2-4	<0.033U	<0.026U	<0.03U	<0.045U	<0.03U	<0.027U	<0.03U	<0.024U	<0.032U	<0.027U	<0.029U	<0.021U	<0.027U	<0.029U	<0.026U	<0.059U	<0.71U	<0.031U	<0.051U	<0.034U	-	-	-
SSHS-B819	SSHS-B819-SUB-4-6	5/23/2017	4-6	<0.032U	<0.025U	<0.028U	<0.042U	0.2	<0.025U	<0.029U	<0.022U	<0.03U	<0.026U	0.03J	<0.02U	<0.026U	<0.027U	<0.024U	<0.056U	<0.67U	0.075	<0.048U	0.13	-	-	-
SSHS-B819	SSHS-B819-SUB-6-8	5/23/2017	6-8	<0.032U	<0.025U	<0.028U	<0.042U	<0.028U	<0.025U	<0.029U	<0.022U	<0.03U	<0.026U	<0.028U	<0.02U	<0.026U	<0.027U	<0.024U	<0.056U	<0.67U	<0.03U	<0.048U	<0.032U	-	-	-
SSHS-B819	SSHS-B819-SUB-8-10	5/23/2017	8-10	<0.032U	<0.025U	<0.029U	<0.043U	0.47	<0.026U	<0.029U	<0.023U	<0.031U	<0.026U	0.095	<0.02U	<0.026U	<0.028U	<0.025U	<0.057U	<0.69U	0.23	<0.049U	0.34	-	-	-
SSHS-B82	SSHS-B82-0.17-2 (1.5)	8/13/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.039U	0.12	<0.0099U	<0.008U	<0.0084U	<0.04U	<0.027U	0.083	<0.028U	<0.068J	<0.031U	<0.0088U	<0.035U	<0.033U	0.14	<0.0088U	0.11	-	<0.00062U,*	-
SSHS-B82	SSHS-B82-10-15 (12.5)	8/13/2014	10-15	<0.039U	<0.039U	<0.044U	<0.037U	<0.0076U	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0073U	<0.027U	<0.0061U	<0.029U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00053U	-
SSHS-B82	SSHS-B82-2-6 (4)	8/13/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	<0.0078U	<0.0097U	<0.0078U	<0.0082U	<0.04U	<0.026U	<0.0075U	<0.028U	<0.0063U	<0.031U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0087U	<0.0074U	-	<0.00062U	-
SSHS-B82	SSHS-B82-6-10 (8)	8/13/2014	6-10	<0.039U	<0.039U	<0.044U	<0.037U	<0.0076U	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0073U	<0.027U	<0.0061U	<0.029U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00051U	-
SSHS-B821	SSHS-B821-SUB-0-2	5/23/2017	0-2	<0.032U	<0.025U	<0.029U	<0.043U	8.7	0.3	<0.03U	<0.023U	<0.031U	<0.026U	3.2	<0.02U	0.59	<0.028U	<0.025U	<0.058U	<0.69U	7.9	<0.05U	11	-	-	-
SSHS-B821	SSHS-B821-SUB-10-12	5/23/2017	10-12	<0.031U	<0.025U	<0.028U	<0.042U	<0.028U	<0.025U	<0.028U	<0.022U	<0.03U	<0.025U	<0.027U	<0.02U	<0.025U	<0.027U	<0.024U	<0.055U	<0.67U	<0.03U	<0.048U	<0.031U	-	-	-
SSHS-B821	SSHS-B821-SUB-12-14	5/23/2017	12-14	<0.031U	<0.024U	<0.028U	<0.041U	0.3	<0.025U	<0.028U	<0.022U	<0.03U	<0.025U	0.062J	<0.019U	<0.025U	<0.027U	<0.024U	<0.055U	<0.66U	0.19	<0.047U	0.22	-	-	-
SSHS-B821	SSHS-B821-SUB-14-16	5/23/2017	14-16	<0.032U	<0.025U	<0.028U	<0.042U	<0.028U	<0.025U	<0.029U	<0.023U	<0.03U	<0.026U	<0.028U	<0.02U	<0.026U	<0.027U	<0.024U	<0.056U	<0.68U	<0.03U	<0.048U	<0.032U	-	-	-
SSHS-B821	SSHS-B821-SUB-2-4	5/23/2017	2-4	<0.032U	<0.025U	<0.029U	<0.043U	<0.029U	<0.026U	<0.029U	<0.023U	<0.031U	<0.026U	<0.028U	<0.02U	<0.026U	<0.028U	<0.025U	<0.057U	<0.68U	<0.03U	<0.049U	<0.032U	-	-	-
SSHS-B821	SSHS-B821-SUB-4-6	5/23/2017	4-6	<0.033U	<0.026U	<0.029U	<0.044U	0.15	<0.026U	<0.03U	<0.023U	<0.031U	<0.026U	0.05J	<0.02U	<0.026U	<0.028U	<0.025U	<0.058U	<0.7U	0.13	<0.05U	0.2	-	-	-
SSHS-B821	SSHS-B821-SUB-6-8	5/23/2017	6-8	<0.031U	<0.025U	<0.028U	<0.042U	<0.028U	<0.025U	<0.029U	<0.022U	<0.03U	<0.026U	<0.027U	<0.02U	<0.026U	<0.027U	<0.024U	<0.056U	<0.67U	<0.03U	<0.048U	<0.032U	-	-	-
SSHS-B821	SSHS-B821-SUB-8-10	5/23/2017	8-10	<0.031U	<0.024U	<0.028U	<0.042U	0.34	<0.025U	<0.028U	<0.022U	<0.03U	<0.025U	0.083	<0.019U	<0.025U	<0.027U	<0.024U	<0.055U	<0.67U	0.31	<0.048U	0.38	-	-	-
SSHS-B83	SSHS-B83-0.17-2 (1)	8/14/2014	0.17-2	<0.04U	<0.039U	<0.045U	<0.038U	<0.033J	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0062U	<0.03U	<0.0085U	<0.034U	<0.032U	<0.012U	<0.0086U	<0.023J	-	<0.00059U	-
SSHS-B83	SSHS-B83-10-14.5 (12)	8/13/2014	10-14.5	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0097U	<0.0078U	<0.0082U	<0.04U	<0.026U	<0.0076U	<0.028U	<0.0063U	<0.031U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0087U	<0.0074U	-	<0.00058U	-
SSHS-B83	SSHS-B83-2-6 (5.5)	8/13/2014	2-6	<0.043U	<0.043U	<0.049U	<0.042U	<0.02J	<0.01U	<0.0084U	<0.0088U	<0.043U	<0.028U	<0.0081U	<0.03U	<0.0068U	<0.033U	<0.0092U	<0.036U	<0.035U	<0.015J	<0.0093U	<0.016J	-	<0.00067U	-
SSHS-B83	SSHS-B83-6-10 (8)	8/13/2014	6-10	<0.04U	<0.04U	<0.045U	<0.038U	<0.0078U	<0.0096U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.032U	<0.012U	<0.0086U	<0.0073U	-	<0.00063U	-
SSHS-B84	SSHS-B84-0.17-2 (1)	8/14/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	0.77	0.083	<0.0079U	<0.0083U	<0.04U	<0.027U	0.64	<0.028U	0.1	<0.031U	<0.0087U	<0.034U	<0.033U	0.36	<0.0087U	0.74	-	<0.00063U	-
SSHS-B84	SSHS-B84-10-14 (12)	8/14/2014	10-14	<0.039U	<0.039U	<0.044U	<0.037U	<0.0076U	<0.0094U	<0.0076U	<0.0079U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00059U	-
SSHS-B84	SSHS-B84-2-6 (4)	8/14/2014	2-6	<0.041U	<0.041U	<0.048U	<0.04U	<0.017J	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0078U	<0.029U	<0.0065U	<0.032U	<0.0089U	<0.035U	<0.034U	<0.012J	<0.009U	<0.016J	-	<0.00061U	-
SSHS-B84	SSHS-B84-6-10 (8)	8/14/2014	6-10	<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	<0.0072U	-	<0.00054U	-
SSHS-B849	SSHS-B849-SUB-2-4	1/22/2018	2-4	-	-	-	-	-	-	<0.059U	<0.046U	-	<0.052U	-	-	-	<0.056U	-	-	<1.4U	-	-	-	<0.07U	<0.05U	-
SSHS-B849	SSHS-B849-SUB-4-6	1/22/2018	4-6	-	-	-	-	-	-	<0.15U	<0.12U	-	<0.14U	-	-	-	<0.14U	-	-	<3.6U	-	-	-	<0.18U	<0.0013U	-
SSHS-B85	SSHS-B85-0.17-2 (1)	8/13/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.04U	<0.02J	<0.0099U	<0.008U	<0.0084U	<0.04U	<0.027U	<0.0077U	<0.028U	0.085	<0.031U	<0.0088U	<0.035U	<0.034U	<0.012U	<0.0089U	<0.024J	-	<0.00072U	-
SSHS-B85	SSHS-B85-10-15 (12.5)	8/13/2014	10-15	<0.042U	<0.041U	<0.048U	<0.04U	<0.0081U	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0078U	<0.029U	<0.0066U	<0.032U	<0.0089U	<0.035U	<0.034U	<0.012U	<0.009U	<0.0077U	-	<0.00067U	-
SSHS-B85	SSHS-B85-2-6 (3.5)	8/13/2014	2-6	<0.045U	<0.045U	<0.051U	<0.043U	<0.0088U	<0.011U	<0.0087U	<0.0092U	<0.044U	<0.03U	<0.0085U	<0.031U	<0.0071U	<0.034U	<0.0096U	<0.038U	<0.037U	<0.013U	<0.0097U	<0.0083U	-	<0.00094U	-
SSHS-B85	SSHS-B85-6-10 (8)	8/13/2014	6-10	<0.041U	<0.041U	<0.047U	<0.039U	<0.008U	<0.0099U	<0.008U	<0.0084U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0065U	<0.031U	<0.0088U	<0.035U	<0.033U	<0.012U	<0.0088U	<0.0076U	-	<0.00056U	-
SSHS-B856	SSHS-B856-SUB-2-4	1/17/2018	2-4	-	-	-	-	-	-	<0.061U	<0.048U	-	<0.054U	-	-	-	<0.058U	-	-	<1.4U	-	-	-	<0.073U	<0.0011U	-
SSHS-B86	SSHS-B86-0.17-2 (1.5)	8/13/2014	0.17-2	<0.05J	<0.039U	<0.045U	<0.038U	0.15	<0.0095U	<0.0077U	<0.008U	<0.039U	<0.026U	0.099	<0.027U	0.075	<0.03U	<0.0084U	<0.033U	<0.032U	0.075	<0.0085U	0.16	-	<0.0007U	-
SSHS-B86	SSHS-B86-10-15 (12.5)	8/13/2014	10-15	<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	-	<0.00055U	-
SSHS-B86	SSHS-B86-2-6 (3.5)	8/13/2014	2-6	<0.044U	<0.044U	<0.05U	<0.042U	<0.0086U	<0.011U	<0.0085U	<0.009U	<0.043U	<0.029U	<0.0083U	<0.03U	<0.0069U	<0.033U	<0.0094U	<0.037U	<0.036U	<0.013U	<0.0095U	<0.0081U	-	<0.00062U	-
SSHS-B86	SSHS-B86-6-10 (8)	8/13/2014	6-10	<0.041U	<0.041U	<0.047U	<0.039U	<0.008U	<0.0098U	<0.0079U	<0.0084U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0064U	<0.031U	<0.0088U	<0.035U	<0.033U	<0.012U	<0.0088U	<0.0075U	-	<0.00062U	-
SSHS-B87	SSHS-B87-0.17-2 (1.5)	8/14/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	0.6	<0.0097U	<0.0079U	<0.0083U	<0.04U	<0.027U	0.27	<0.028U	<0.052J	<0.031U	<0.0087U	<0.034U	<0.033U	0.27	<0.0087U	0.64	-	<0.00057U	-
SSHS-B87	SSHS-B87-10-15 (12)	8/14/2014	10-15	<0.04U	<0.04U	<0.046U	<0.039U	<0.0078U	<0.0097U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.028U	<0.0063U	<0.03U	<0.0086U	<0.034U	<0.033U	<0.012U	<0.0087U	<0.0074U	-	<0.00075U	-
SSHS-B87	SSHS-B87-2-6 (5)	8/14/2014	2-6	<0.041U	<0.041U	<0.047U	<0.04U	<0.015J	<0.0099U	<0.008U	<0.0084U	<0.041U	<0.027U	<0.0078U	<0.028U	<0.0065U	<0.031U	<0.0088U	<0.035U	<0.034U	<0.035J	<0.0089U	<0.011J	-	<0.0006U	-
SSHS-B87	SSHS-B87-6-10 (8)	8/14/2014	6-10	<0.041U	<0.041U	<0.047U	<0.04U	<0.008U	<0.0099U	<0.008U	<0.0084U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0065U	<0.031U	<0.0088U	<0.035U	<0.034U	<0.012U	<0.0089U	<0.0076U	-	<0.00062U	-
SSHS-B88	SSHS-B88-0.17-2 (1)	8/13/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.039U	0.62	<0.022J	<0.0079U	<0.0083U	<0.04U	<0.027U	0.47	<0.028U	0.24	<0.031U	<0.0088U	<0.035U	<0.033U	0.32	<0.0088U	0.6	-	<0.00066U	-
SSHS-B88	SSHS-B88-10-15 (12.5)	8/13/2014	10-15	<0.042U	<0.042U	<0.048U	<0.04U	<0.0082U	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0079U	<0.029U	<0.0066U	<0.032U	<0.009U	<0.035U	<0.034U	<0.012U	<0.009U	<0.0077U	-	<0.0006U	-
SSHS-B88	SSHS-B88-2-6 (4)	8/13/2014	2-6	<0.042U	<0.042U	<0.048U	<0.041U	<0.0083U	<0.01U	<0.0082U	<0.0086U	<0.042U	<0.028U	<0.008U	<0.029U	<0.0067U	<0.032U	<0.0091U	<0.036U	<0.035U	<0.012U	<0.0091U	<0.0078U	-	<0.00043U	-
SSHS-B88	SSHS-B88-6-10 (8)	8/13/2014	6-10	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.00058U	-
SSHS-B887	SSHS-B887-SUB-0-2	1/12/2018	0-2	-	-	-	-	-	-	<0.58U	<0.46U	-	<0.52U	-	-	-	<0.55U	-	-	<14U,F1	-	-	-	<0.69U,F2	<0.001U	-
SSHS-B887	SSHS-B887-SUB-4-6	1/12/2018	4-6	-	-	-	-	-	-	<0.062U	<0.048U	-	<0.055U	-	-	-	<0.059U	-	-	<1.4U	-	-	-	<0.073U	<0.0012U	-
SSHS-B888	SSHS-B888-SUB-2-4	1/22/2018	2-4	-	-	-	-	-	-	<0.032U	<0.025U	-	<0.028U	-	-	-	<0.03U	-	-	<0.75U	-	-	-	<0.038U	<0.0012U	-
SSHS-B89	SSHS-B89-0.17-2 (1)	8/13/2014	0.17-2	<0.039U	<0.039U	<0.044U	<0.037U	<0.037J	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.028J	<0.027U	<0.015J	<0.029U	<0.0083U	<0.033U	<0.032U	<0.03J	<0.0084U	<0.042J	-	<0.00056U	-
SSHS-B89	SSHS-B89-10-15 (12.5)	8/13/2014	10-15	<0.041U	<0.041U	<0.047U	<0.039U	<0.008U	<0.0099U	<0.008U	<0.0084U	<0.04U	<0.027U	<0.0077U	<0.028U	<0.0064U	<0.031U	<0.0088U	<0.035U	<0.033U	<0.012U	<0.0088U	<0.0076U	-	<0.00063U	-
SSHS-B89	SSHS-B89-2-6 (5)	8/13/2014	2-6	<0.042U	<0.042U	<0.048U	<0.041U	<0.0083U	<0.01U	<0.0082U	<0.0086U	<0.042U	<0.028U	<0.008U	<0.029U	<0.0067U	<0.032U	<0.0091U	<0.036U	<0.035U	<0.012U	<0.0091U	<0.0078U	-	<0.00059U	-
SSHS-B89	SSHS-B89-6-10 (7.5)	8/13/2014	6-10	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.0006U	-
SSHS-B890	SSHS-B890-SUB-2-4	1/22/2018	2-4	-	-	-	-	-	-	<0.059U	<0.046U	-	<0.052U	-	-	-	<0.056U	-	-	<1.4U	-	-	-	<0.07U	<0.0012U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1							2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	<0.0022U	<0.0025U	<0.0019U	<0.0021U	<0.0028U	<0.0049U	<0.0029U	<0.0034U	<0.0027U	<0.0021U	<0.0033U	<0.0035U	<0.0017U	<0.0045U	<0.0028U	<0.0022U	<0.0027U	<0.003U	<0.0038U	<0.0027U	<0.003U	<0.0024U
SSHS-B9	B23482	5/11/2000	2-3	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	-	<0.0055U	<0.0055U	-	<0.0055U	-	-	-	-	-	<0.0055U	-	-	0.0032J
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.00042U	<0.0004U	<0.00045U	<0.00091U	<0.00048U	-	<0.0003U	<0.00044U	<0.00051U	<0.00036U	<0.00052U	<0.00046U	<0.00038U	-	<0.00034U	<0.00043U	<0.00035U	<0.00027U	<0.00028U	<0.00044U	<0.00096U	<0.00036U
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00074U	-	<0.00046U	<0.00068U	<0.00079U	<0.00054U	<0.0008U	<0.00071U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.00068U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00049U	<0.00072U	<0.00083U	<0.00058U	<0.00085U	<0.00075U	<0.00062U	-	<0.00054U	<0.00069U	<0.00056U	<0.00044U	<0.00045U	<0.00071U	<0.0016U	<0.00059U
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.00066U	<0.00062U	<0.00071U	<0.0014U	<0.00076U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00082U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00043U	<0.00069U	<0.0015U	<0.00057U
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.00091U	<0.00086U	<0.00098U	<.002U	<.001U	-	<0.00065U	<0.00096U	<.0011U	<0.00077U	<.0011U	<.001U	<0.00082U	-	<0.00073U	<0.00092U	<0.00075U	<0.00059U	<0.0006U	<0.00095U	<0.0021U	<0.00078U
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.00056U	<0.00053U	<0.0006U	<0.0012U	<0.00064U	-	<0.0004U	<0.00059U	<0.00068U	<0.00047U	<0.0007U	<0.00062U	<0.0005U	-	<0.00045U	<0.00057U	<0.00046U	<0.00036U	<0.00037U,*	<0.00058U	<0.0013U,*	<0.00048U
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<0.00072U	<0.00068U	<0.00078U	<0.0016U	<0.00083U	-	<0.00052U	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.0008U	<0.00065U	-	<0.00058U	<0.00073U	<0.0006U	<0.00047U	<0.00047U	<0.00075U	<0.0016U	<0.00062U
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.00071U	<0.00068U	<0.00077U	<0.0016U	<0.00082U	-	<0.00051U	<0.00076U	<0.00088U	<0.00061U	<0.0009U	<0.00079U	<0.00065U	-	<0.00057U	<0.00073U	<0.00059U	<0.00047U	<0.00047U	<0.00075U	<0.0016U	<0.00062U
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	<0.0022U	<0.0024U	<0.0019U	<0.0021U	<0.0027U	<0.0048U	<0.0028U	<0.0033U	<0.0027U	<.002U	<0.0031U	<0.0034U	<0.0016U	<0.0044U	<0.0027U	<0.0021U	<0.0026U	<0.0029U,*	<0.0037U	<0.0027U	<0.0029U	<0.0023U
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	<.002U	<0.0022U	<0.0018U	<.002U	<0.0026U	<0.0045U	<0.0026U	<0.0031U	<0.0025U	<0.0019U	<.003U	<0.0032U	<0.0015U	<0.0042U	<0.0026U	<.002U	<0.0025U	<0.0027U,*	<0.0035U	<0.0025U	<0.0027U	<0.0022U
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.00062U	<0.00059U	<0.00067U	<0.0013U	<0.00072U	-	<0.00045U	<0.00066U	<0.00076U	<0.00053U	<0.00078U	<0.00069U	<0.00056U	-	<0.0005U	<0.00063U	<0.00052U	<0.00041U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<0.00057U	<0.00054U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.0007U	<0.00049U	<0.00072U	<0.00063U	<0.00052U	-	<0.00046U	<0.00058U	<0.00048U	<0.00037U	<0.00038U	<0.0006U	<0.0013U	<0.0005U
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.00062U	<0.00059U	<0.00067U	<0.0013U	<0.00072U	-	<0.00045U	<0.00066U	<0.00076U	<0.00053U	<0.00078U	<0.00069U	<0.00056U	-	<0.0005U	<0.00063U	<0.00052U	<0.00041U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00073U	-	<0.00046U	<0.00068U	<0.00078U	<0.00054U	<0.0008U	<0.00071U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.0007U	-	<0.00044U	<0.00065U	<0.00075U	<0.00052U	<0.00076U	<0.00067U	<0.00055U	-	<0.00049U	<0.00062U	<0.00051U	<0.0004U	<0.0004U	<0.00064U	<0.0014U	<0.00053U
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.00071U	<0.00068U	<0.00077U	<0.0015U	<0.00082U	-	<0.00051U	<0.00075U	<0.00087U	<0.0006U	<0.00089U	<0.00079U	<0.00064U	-	<0.00057U	<0.00072U	<0.00059U	<0.00046U	<0.00047U	<0.00075U	<0.0016U	<0.00061U
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.00074U	<0.00071U	<0.0008U	<0.0016U	<0.00086U	-	<0.00054U	<0.00079U	<0.00091U	<0.00063U	<0.00093U	<0.00082U	<0.00067U	-	<0.0006U	<0.00076U	<0.00062U	<0.00049U	<0.00049U	<0.00078U	<0.0017U	<0.00064U
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.0007U	-	<0.00044U	<0.00065U	<0.00075U	<0.00052U	<0.00076U	<0.00067U	<0.00055U	-	<0.00049U	<0.00062U	<0.0005U	<0.0004U	<0.0004U	<0.00064U	<0.0014U	<0.00053U
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.00056U	<0.00053U	<0.00061U	<0.0012U	<0.00065U	-	<0.0004U	<0.0006U	<0.00069U	<0.00048U	<0.0007U	<0.00062U	<0.00051U	-	<0.00045U	<0.00057U	<0.00047U	<0.00037U	<0.00037U	<0.00059U	<0.0013U	<0.00049U
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.00059U	<0.00056U	<0.00064U	<0.0013U	<0.00068U	-	<0.00042U	<0.00063U	<0.00073U	<0.0005U	<0.00074U	<0.00065U	<0.00054U	-	<0.00047U	<0.0006U	<0.00049U	<0.00039U	<0.00039U	<0.00062U	<0.0014U	<0.00051U
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.00057U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U	<0.0006U	<0.0007U	<0.00048U	<0.00071U	<0.00063U	<0.00051U	-	<0.00045U	<0.00058U	<0.00047U	<0.00037U	<0.00037U	<0.00059U	<0.0013U	<0.00049U
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.00055U	<0.00052U	<0.0006U	<0.0012U	<0.00064U	-	<0.0004U	<0.00059U	<0.00068U	<0.00047U	<0.00069U	<0.00061U	<0.0005U	-	<0.00044U	<0.00056U	<0.00046U	<0.00036U	<0.00036U	<0.00058U	<0.0013U	<0.00048U
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00056U	<0.00053U	<0.0006U	<0.0012U	<0.00064U	-	<0.0004U	<0.00059U	<0.00068U	<0.00047U	<0.0007U	<0.00062U	<0.00051U	-	<0.00045U	<0.00057U	<0.00046U	<0.00036U	<0.00037U	<0.00058U	<0.0013U	<0.00048U
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.00062U	<0.00059U	<0.00067U	<0.0014U	<0.00072U	-	<0.00045U	<0.00066U	<0.00077U	<0.00053U	<0.00078U	<0.00069U	<0.00057U	-	<0.0005U	<0.00063U	<0.00052U	<0.00041U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.00059U	<0.00057U	<0.00064U	<0.0013U	<0.00069U	-	<0.00043U	<0.00063U	<0.00073U	<0.00051U	<0.00075U	<0.00066U	<0.00054U	-	<0.00048U	<0.00061U	<0.00049U	<0.00039U	<0.00039U	<0.00063U	<0.0014U	<0.00052U
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.00064U	<0.00061U	<0.00069U	<0.0014U	<0.00073U	-	<0.00046U	<0.00068U	<0.00078U	<0.00054U	<0.0008U	<0.00071U	<0.00058U	-	<0.00051U	<0.00065U	<0.00053U	<0.00042U	<0.00042U	<0.00067U	<0.0015U	<0.00055U
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00065U	<0.00062U	<0.00071U	<0.0014U	<0.00075U	-	<0.00047U	<0.0007U	<0.00081U	<0.00056U	<0.00082U	<0.00073U	<0.00059U	-	<0.00053U	<0.00067U	<0.00054U	<0.00043U	<0.00043U	<0.00069U	<0.0015U	<0.00057U
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.00056U	<0.00054U	<0.00061U	<0.0012U	<0.00065U	-	<0.00041U	<0.0006U	<0.00069U	<0.00048U	<0.00071U	<0.00062U	<0.00051U	-	<0.00045U	<0.00057U	<0.00047U	<0.00037U	<0.00037U	<0.00059U	<0.0013U	<0.00049U
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.00062U	<0.00059U	<0.00067U	<0.0013U	<0.00071U	-	<0.00045U	<0.00066U	<0.00076U	<0.00053U	<0.00078U	<0.00068U	<0.00056U	-	<0.0005U	<0.00063U	<0.00051U	<0.0004U	<0.00041U	<0.00065U	<0.0014U	<0.00054U
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.0006U	<0.00057U	<0.00064U	<0.0013U	<0.00069U	-	<0.00043U	<0.00063U	<0.00073U	<0.00051U	<0.00075U	<0.00066U	<0.00054U	-	<0.00048U	<0.00061U	<0.00049U	<0.00039U	<0.00039U	<0.00063U	<0.0014U	<0.00052U
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.00066U	<0.00063U	<0.00071U	<0.0014U	<0.00076U	-	<0.00048U	<0.0007U	<0.00081U	<0.00056U	<0.00083U	<0.00073U	<0.0006U	-	<0.00053U	<0.00067U	<0.00055U	<0.00043U	<0.00044U,*	<0.00069U	<0.0015U,*	<0.00057U
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.00058U	<0.00056U	<0.00063U	<0.0013U	<0.00067U	-	<0.00042U	<0.00062U	<0.00072U	<0.0005U	<0.00073U	<0.00065U	<0.00053U	-	<0.00047U	<0.00059U	<0.00049U	<0.00038U	<0.00039U,*	<0.00061U	<0.0013U,*	<0.00051U
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.00068U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00049U	<0.00072U	<0.00083U	<0.00058U	<0.00085U	<0.00075U	<0.00061U	-	<0.00054U	<0.00069U	<0.00056U	<0.00044U	<0.00045U,*	<0.00071U	<0.0016U,*	<0.00059U
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.00058U	<0.00055U	<0.00063U	<0.0013U	<0.00067U	-	<0.00042U	<0.00062U	<0.00071U	<0.00049U	<0.00073U	<0.00064U	<0.00053U	-	<0.00047U	<0.00059U	<0.00048U	<0.00038U	<0.00038U,*	<0.00061U	<0.0013U,*	<0.0005U
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.00081U	<0.00077U	<0.00088U	<0.0018U	<0.00094U	-	<0.00058U	<0.00086U	<.001U	<0.00069U	<.001U	<0.0009U	<0.00074U	-	<0.00065U	<0.00083U	<0.00067U	<0.00053U	<0.00054U	<0.00085U	<0.0019U	<0.0007U
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.00069U	<0.00066U	<0.00075U	<0.0015U	<0.0008U	-	<0.0005U	<0.00073U	<0.00085U	<0.00059U	<0.00087U	<0.00076U	<0.00063U	-	<0.00055U	<0.0007U	<0.00057U	<0.00045U	<0.00046U,*	<0.00073U	<0.0016U,*	<0.0006U
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.0007U	-	<0.00044U	<0.00065U	<0.00075U	<0.00052U	<0.00077U	<0.00068U	<0.00055U	-	<0.00049U	<0.00062U	<0.00051U	<0.0004U	<0.0004U,*	<0.00064U	<0.0014U,*	<0.00053U
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.0007U	<0.00067U	<0.00076U	<0.0015U	<0.00081U	-	<0.00051U	<0.00075U	<0.00087U	<0.0006U	<0.00088U	<0.00078U	<0.00064U	-	<0.00057U	<0.00072U	<0.00058U	<0.00046U	<0.00047U,*	<0.00074U	<0.0016U,*	<0.00061U
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.00058U	<0.00055U	<0.00063U	<0.0013U	<0.00067U	-	<0.00042U	<0.00062U	<0.00072U	<0.0005U	<0.00073U	<0.00064U	<0.00053U	-	<0.00047U	<0.00059U	<0.00048U	<0.00038U	<0.00038U,*	<0.00061U	<0.0013U,*	<0.0005U
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.00058U	<0.00055U	<0.00062U	<0.0013U	<0.00066U	-	<0.00041U	<0.00061U	<0.00071U	<0.00049U	<0.00072U	<0.00064U	<0.00052U	-	<0.00046U	<0.00059U	<0.00048U	<0.00038U	<0.00038U,*	<0.0006U	<0.0013U,*	<0.0005U
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.00057U	<0.00055U	<0.00062U	<0.0012U	<0.00066U	-	<0.00041U	<0.00061U	<0.00071U	<0.00049U	<0.00072U	<0.00064U	<0.00052U	-	<0.00046U	<0.00058U	<0.00048U	<0.00038U	<0.00038U,*	<0.0006U	<0.0013U,*	<0.0005U
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.00052U	<0.00049U	<0.00056U	<0.0011U	<0.0006U	-	<0.00037U	<0.00055U	<0.00064U	<0.00044U	<0.00065U	<0.00058U	<0.00047U	-	<0.00042U	<0.00053U	<0.00043U	<0.00034U	<0.00034U,*	<0.00055U	<0.0012U,*	<0.00045U
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-13	SSHS-CB-13	6/25/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-20	SSHS-CB-20	6/24/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-25	SSHS-CB-25	6/24/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS2	SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB1	B23493	6/29/2000	0.5-2	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-FB1	B23494	6/29/2000	6-8	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-	<0.006U
SSHS-FB1	B23495	6/29/2000	16-18	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	-	<0.0062U	-	-	<0.0062U
SSHS-FB10	B23407	6/29/2000	1-3	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-FB11	B23408	6/29/2000	1-3	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-	<0.006U
SSHS-FB2	B23496	6/29/2000	0.5-1	<0.006U	<0.006U	<0.006U	0.0013J	<0.006U	-	0.0017J	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-	<0.006U
SSHS-FB3	B23497	6/29/2000	3-4	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-FB4	B23498	6/29/2000	3-4	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-FB5	B23400	6/29/2000	6-8	<0.029U	<0.029U	<0.029U	<0.029U	<0.029U	-	<0.029U	-	-	<0.029U	<0.029U	-	<0.029U	-	-	-	-	-	<0.029U	-	-	<0.029U
SSHS-FB5	B23407T3	8/14/2000	1-1.5	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	<0.006U	<0.006U	-	<0.006U	-	-	-	-	-	<0.006U	-	-	<0.006U
SSHS-FB5	B23499	6/29/2000	2-4	<0.73U	<0.73U	<0.73U	<0.73U	<0.73U	-	<0.73U	-	-	<0.73U	<0.73U	-	<0.73U	-	-	-	-	-	<0.73U	-	-	<0.73U
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	<0.00079U	<0.00075U	<0.00085U	<0.0017U	<0.00091U	-	<0.00057U	<0.00084U	<0.00097U	<0.00067U	<0.00099U	<0.00088U	<0.00072U	-	<0.00064U	<0.00081U	<0.00066U	<0.00052U	<0.00052U	<0.00083U	<0.0018U	<0.00069U
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	<0.00056U	<0.00053U	<0.0006U	<0.0012U	<0.00064U	-	<0.0004U	<0.00059U	<0.00068U	<0.00047U	<0.0007U	<0.00062U	<0.0005U	-	<0.00045U	<0.00057U	<0.00046U	<0.00036U	<0.00037U	<0.00058U	<0.0013U	<0.00048U
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	<0.00063U	<0.0006U	<0.00068U	<0.0014U	<0.00073U	-	<0.00045U	<0.00067U	<0.00078U	<0.00054U	<0.00079U	<0.0007U	<0.00057U	-	<0.00051U	<0.00064U	<0.00052U	<0.00041U	<0.00042U	<0.00066U	<0.0014U	<0.00055U
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	<0.0006U	<0.00057U	<0.00064U	<0.0013U	<0.00069U	-	<0.00043U	<0.00063U	<0.00073U	<0.00051U	<0.00075U	<0.00066U	<0.00054U	-	<0.00048U	<0.00061U	<0.0005U	<0.00039U	<0.00039U	<0.00063U	<0.0014U	<0.00052U
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	<0.00076U	<0.00073U	<0.00082U	<0.0017U	<0.00088U	-	<0.00055U	<0.00081U	<0.00094U	<0.00065U	<0.00096U	<0.00084U	<0.00069U	-	<0.00061U	<0.00078U	<0.00063U	<0.0005U	<0.0005U	<0.0008U	<0.0017U	<0.00066U
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	<0.0011U	<0.001U	<0.0012U	<0.0024U	<0.0013U	-	<0.00079U	<0.0012U	<0.0014U	<0.00093U	<0.0014U	<0.0012U	<0.001U	-	<0.00088U	<0.0011U	<0.00091U	<0.00072U	<0.00073U	<0.0012U	<0.0025U	<0.00095U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	<0.0044U	<0.0018U	<0.0018U	<0.0027U	<0.0017U	<0.0023U	<0.0029U	<0.002U	<0.0042U	<0.0024U	<0.0018U	<0.0046U	<0.0018U	<0.0018U	<0.0031U	<0.0051U	<0.0033U	<0.0017U	<0.0073U	<0.029U	-	-
SSHS-B9	B23482	5/11/2000	2-3	-	<0.0055U	-	<0.0055U	0.0041J	0.026	<0.0055U	-	<0.0055U	-	-	<0.36U	<0.36U	<0.0055U	-	-	-	-	-	-	-	-
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.00053U	<0.00044U	<0.00042U	<0.00042U	<0.00075J	<0.00042U	<0.00037U	<0.00037U	<0.00029U	<0.00052U	<0.00055U	<0.00049U	<0.00041U	<0.00047U	<0.00053U	<0.00046U	<0.00041U	<0.00057U	-	-	-	-
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.00081U	<0.00067U	<0.00064U	<0.00064U	<0.00062U	<0.00064U	<0.00056U	<0.00057U	<0.00044U	<0.0008U	<0.00083U	<0.00075U	<0.00062U	<0.00072U	<0.00082U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.00085U	<0.00071U	<0.00068U	<0.00067U	<0.0015J	<0.00068U	<0.0006U	<0.0006U	<0.00047U	<0.00085U	<0.00088U	<0.0008U	<0.00066U	<0.00076U	<0.00087U	<0.00074U	<0.00067U	<0.00092U	-	-	-	-
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.00083U	<0.00068U	<0.00066U	<0.00065U	<0.00064U	<0.00066U	<0.00058U	<0.00058U	<0.00046U	<0.00082U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.00089U	-	-	-	-
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.0011U	<0.00094U	<0.00091U	<0.0009U	<0.00088U	<0.00091U	<0.0008U	<0.0008U	<0.00063U	<0.0011U	<0.0012U	<0.0011U	<0.00088U	<0.001U	<0.0012U	<0.00099U	<0.00089U	<0.0012U	-	-	-	-
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.0007U	<0.00058U	<0.00056U	<0.00055U	<0.00054U	<0.00056U	<0.00049U	<0.00049U	<0.00039U	<0.00069U	<0.00073U	<0.00066U	<0.00054U	<0.00062U	<0.00071U	<0.00061U	<0.00055U	<0.00076U	-	-	-	-
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<0.00091U	<0.00075U	<0.00072U	<0.00071U	<0.0007U	<0.00072U	<0.00063U	<0.00064U	<0.0005U	<0.0009U	<0.00094U	<0.00085U	<0.0007U	<0.00081U	<0.00092U	<0.00079U	<0.00071U	<0.00098U	-	-	-	-
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.0009U	<0.00074U	<0.00072U	<0.00071U	<0.00069U	<0.00072U	<0.00063U	<0.00063U	<0.0005U	<0.00089U	<0.00093U	<0.00084U	<0.00069U	<0.0008U	<0.00091U	<0.00078U	<0.0007U	<0.00097U	-	-	-	-
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	<0.0043U	0.0022J	<0.0018U	<0.0026U	0.016	<0.0022U	<0.0028U	<0.0019U	<0.0041U	<0.0023U	<0.0018U	<0.0044U	<0.0018U	<0.0017U	<0.003U	<0.005U	<0.0032U	<0.0016U	<0.0073U	<0.029U	-	-
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	<0.004U	<0.0016U	<0.0017U	<0.0025U	<0.0016U	<0.0021U	<0.0026U	<0.0018U	<0.0038U	<0.0022U	<0.0017U	<0.0042U	<0.0017U	<0.0016U	<0.0029U	<0.0047U	<0.003U	<0.0015U	<0.0071U	<0.028U	-	-
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.00078U	<0.00065U	<0.00062U	<0.00062U	0.061	<0.00062U	<0.00055U,*	<0.00055U	<0.00043U	<0.00078U	<0.00081U	<0.00073U	<0.0006U	<0.0007U	<0.00079U	<0.00068U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<0.00072U	0.029	<0.00057U	<0.00057U	0.081	<0.00058U	<0.00051U,*	<0.00051U	<0.0004U	<0.00072U	<0.00075U	<0.00068U	<0.00056U	<0.00064U	<0.00073U	<0.00063U	<0.00056U	<0.00078U	-	-	-	-
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.00078U	0.0082	<0.00062U	<0.00062U	0.16	<0.00062U	<0.00055U,*	<0.00055U	<0.00043U	<0.00078U	<0.00081U	<0.00073U	<0.0006U	<0.0007U	<0.00079U	<0.00068U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.0008U	0.012	<0.00064U	<0.00063U	0.041	<0.00064U	<0.00056U,*	<0.00056U	<0.00044U	<0.0008U	<0.00083U	<0.00075U	<0.00062U	<0.00071U	<0.00081U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00077U	<0.00063U	<0.00061U	<0.00061U	<0.00059U	<0.00061U	<0.00054U	<0.00054U	<0.00042U	<0.00076U	<0.00079U	<0.00072U	<0.00059U	<0.00068U	<0.00078U	<0.00067U	<0.0006U	<0.00083U	-	-	-	-
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.00089U	<0.00074U	<0.00071U	<0.00071U	0.0055	<0.00071U	<0.00063U	<0.00063U	<0.00049U	<0.00089U	<0.00093U	<0.00084U	<0.00069U	<0.0008U	<0.00091U	<0.00078U	<0.0007U	<0.00097U	-	-	-	-
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.00094U	<0.00077U	<0.00075U	<0.00074U	<0.0029J	<0.00075U	<0.00066U	<0.00066U	<0.00052U	<0.00093U	<0.00097U	<0.00088U	<0.00072U	<0.00083U	<0.00095U	<0.00081U	<0.00073U	<0.001U	-	-	-	-
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.00077U	<0.00063U	<0.00061U	<0.0006U	0.0071	<0.00061U	<0.00054U	<0.00054U	<0.00042U	<0.00076U	<0.00079U	<0.00072U	<0.00059U	<0.00068U	<0.00078U	<0.00066U	<0.0006U	<0.00083U	-	-	-	-
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.00071U	<0.00058U	<0.00056U	<0.00056U	<0.0017J	<0.00056U	<0.00049U	<0.0005U	<0.00039U	<0.0007U	<0.00073U	<0.00066U	<0.00054U	<0.00063U	<0.00072U	<0.00061U	<0.00055U	<0.00076U	-	-	-	-
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.00074U	<0.00069J	<0.00059U	<0.00059U	0.041	<0.00059U	<0.00052U	<0.00052U	<0.00041U	<0.00074U	<0.00077U	<0.0007U	<0.00057U	<0.00066U	<0.00075U	<0.00065U	<0.00058U	<0.0008U	-	-	-	-
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.00071U	<0.00059U	<0.00057U	<0.00056U	0.0095	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.00071U	<0.00074U	<0.00067U	<0.00055U	<0.00063U	<0.00072U	<0.00062U	<0.00056U	<0.00077U	-	-	-	-
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.0007U	<0.0031J	<0.00055U	<0.00055U	0.067	<0.00056U	<0.00049U	<0.00049U	<0.00038U	<0.00069U	<0.00072U	<0.00065U	<0.00054U	<0.00062U	<0.0007U	<0.0006U	<0.00054U	<0.00075U	-	-	-	-
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0007U	<0.00058U	<0.00056U	<0.00055U	<0.0029J	<0.00056U	<0.00049U,*	<0.00049U	<0.00039U	<0.0007U	<0.00073U	<0.00066U	<0.00054U	<0.00062U	<0.00071U	<0.00061U	<0.00055U	<0.00076U	-	-	-	-
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.00078U	<0.00065U	<0.00062U	<0.00062U	<0.0018J	<0.00063U	<0.00055U,*	<0.00055U	<0.00043U	<0.00078U	<0.00081U	<0.00073U	<0.0006U	<0.0007U	<0.0008U	<0.00068U	<0.00061U	<0.00085U	-	-	-	-
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.00075U	<0.00062U	<0.0006U	<0.00059U	0.015	<0.0006U	<0.00053U,*	<0.00053U	<0.00041U	<0.00074U	<0.00078U	<0.0007U	<0.00058U	<0.00067U	<0.00076U	<0.00065U	<0.00059U	<0.00081U	-	-	-	-
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.0008U	<0.00066U	<0.00064U	<0.00063U	<0.0011J	<0.00064U	<0.00056U,*	<0.00056U	<0.00044U	<0.0008U	<0.00083U	<0.00075U	<0.00062U	<0.00071U	<0.00081U	<0.0007U	<0.00063U	<0.00087U	-	-	-	-
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00082U	<0.00068U	<0.00066U	<0.00065U	<0.00067J	<0.00066U	<0.00058U	<0.00058U	<0.00045U	<0.00082U	<0.00085U	<0.00077U	<0.00064U	<0.00073U	<0.00084U	<0.00072U	<0.00064U	<0.00089U	-	-	-	-
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.00071U	<0.00059U	<0.00057U	<0.00056U	<0.0016J	<0.00057U	<0.0005U	<0.0005U	<0.00039U	<0.0007U	<0.00074U	<0.00066U	<0.00055U	<0.00063U	<0.00072U	<0.00062U	<0.00055U	<0.00077U	-	-	-	-
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.00078U	<0.00064U	<0.00062U	<0.00062U	<0.0023J	<0.00062U	<0.00055U	<0.00055U	<0.00043U	<0.00077U	<0.00081U	<0.00073U	<0.0006U	<0.00069U	<0.00079U	<0.00068U	<0.00061U	<0.00084U	-	-	-	-
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.00075U	<0.00062U	<0.0006U	<0.00059U	<0.0023J	<0.0006U	<0.00053U	<0.00053U	<0.00041U	<0.00074U	<0.00078U	<0.0007U	<0.00058U	<0.00067U	<0.00076U	<0.00065U	<0.00059U	<0.00081U	-	-	-	-
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.00083U	<0.00069U	<0.00066U	<0.00066U	<0.00064U	<0.00067U	<0.00058U	<0.00058U	<0.00046U	<0.00083U	<0.00086U	<0.00078U	<0.00064U	<0.00074U	<0.00084U	<0.00072U	<0.00065U	<0.0009U	-	-	-	-
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.00074U	<0.00061U	<0.00059U	<0.00058U	<0.00057U	<0.00059U	<0.00052U	<0.00052U	<0.00041U	<0.00073U	<0.00076U	<0.00069U	<0.00057U	<0.00065U	<0.00075U	<0.00064U	<0.00058U	<0.00079U	-	-	-	-
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.00085U	<0.0007U	<0.00068U	<0.00067U	<0.00076J	<0.00068U	<0.0006U	<0.0006U	<0.00047U	<0.00085U	<0.00088U	<0.0008U	<0.00066U	<0.00076U	<0.00086U	<0.00074U	<0.00067U	<0.00092U	-	-	-	-
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.00073U	<0.0006U	<0.00058U	<0.00058U	<0.00057U	<0.00058U	<0.00051U	<0.00051U	<0.0004U	<0.00073U	<0.00076U	<0.00069U	<0.00056U	<0.00065U	<0.00074U	<0.00063U	<0.00057U	<0.00079U	-	-	-	-
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.001U	<0.00085U	<0.00081U	<0.00081U	<0.00079U	<0.00082U	<0.00072U	<0.00072U	<0.00056U	<0.001U	<0.0011U	<0.00096U	<0.00079U	<0.00091U	<0.001U	<0.00089U	<0.0008U	<0.0011U	-	-	-	-
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.00087U	<0.00072U	<0.00069U	<0.00069U	<0.00067U	<0.0007U	<0.00061U	<0.00061U	<0.00048U	<0.00086U	<0.0009U	<0.00081U	<0.00067U	<0.00077U	<0.00088U	<0.00075U	<0.00068U	<0.00094U	-	-	-	-
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.00077U	<0.00063U	<0.00061U	<0.00061U	<0.00059U	<0.00061U	<0.00054U	<0.00054U	<0.00042U	<0.00076U	<0.0008U	<0.00072U	<0.00059U	<0.00068U	<0.00078U	<0.00067U	<0.0006U	<0.00083U	-	-	-	-
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.00089U	<0.00073U	<0.00071U	<0.0007U	<0.00069U	<0.00071U	<0.00062U	<0.00062U	<0.00049U	<0.00088U	<0.00092U	<0.00083U	<0.00068U	<0.00079U	<0.0009U	<0.00077U	<0.00069U	<0.00096U	-	-	-	-
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.00073U	<0.00061U	<0.00058U	<0.00058U	<0.00057U	<0.00059U	<0.00051U	<0.00051U	<0.0004U	<0.00073U	<0.00076U	<0.00069U	<0.00056U	<0.00065U	<0.00074U	<0.00064U	<0.00057U	<0.00079U	-	-	-	-
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.00073U	<0.0006U	<0.00058U	<0.00057U	<0.00056U	<0.00058U	<0.00051U	<0.00051U	<0.0004U	<0.00072U	<0.00075U	<0.00068U	<0.00056U	<0.00065U	<0.00073U	<0.00063U	<0.00057U	<0.00078U	-	-	-	-
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.00072U	<0.0006U	<0.00058U	<0.00057U	<0.0032J	<0.00058U	<0.00051U	<0.00051U	<0.0004U	<0.00072U	<0.00075U	<0.00068U	<0.00056U	<0.00064U	<0.00073U	<0.00063U	<0.00057U	<0.00078U	-	-	-	-
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.00066U	<0.00054U	<0.00052U	<0.00052U	<0.0032J	<0.00052U	<0.00046U	<0.00046U	<0.00036U	<0.00065U	<0.00068U	<0.00061U	<0.0005U	<0.00058U	<0.00066U	<0.00057U	<0.00051U	<0.00071U	-	-	-	-
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-13	SSHS-CB-13	6/25/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-20	SSHS-CB-20	6/24/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-25	SSHS-CB-25	6/24/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS2	SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB1	B23493	6/29/2000	0.5-2	-	<0.0057U	-	<0.0057U	0.024	0.013	<0.0057U	-	<0.0057U	-	-	<0.38U	<0.38U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-FB1	B23494	6/29/2000	6-8	-	<0.006U	-	<0.006U	<0.006U	0.0035J	<0.006U	-	<0.006U	-	-	<0.4U	<0.4U	<0.006U	-	-	-	-	-	-	-	-
SSHS-FB1	B23495	6/29/2000	16-18	-	<0.0062U	-	<0.0062U	<0.0062U	0.0052J	<0.0062U	-	<0.0062U	-	-	<0.41U	<0.41U	<0.0062U	-	-	-	-	-	-	-	-
SSHS-FB10	B23407	6/29/2000	1-3	-	<0.0058U	-	<0.0058U	0.034	0.01	<0.0058U	-	<0.0058U	-	-	<0.39U	<0.39U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-FB11	B23408	6/29/2000	1-3	-	<0.006U	-	<0.006U	<0.024U	0.0031J	<0.006U	-	<0.006U	-	-	<0.39U	<0.39U	<0.006U	-	-	-	-	-	-	-	-
SSHS-FB2	B23496	6/29/2000	0.5-1	-	<0.006U	-	<0.006U	0.007	0.0029J	<0.006U	-	<0.006U	-	-	0.73	<0.4U	<0.006U	-	-	-	-	-	-	-	-
SSHS-FB3	B23497	6/29/2000	3-4	-	<0.0058U	-	<0.0058U	0.0086	0.0034J	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-FB4	B23498	6/29/2000	3-4	-	<0.0057U	-	<0.0057U	0.14	<0.027U	<0.0057U	-	<0.0057U	-	-	<1.1U	<1.1U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-FB5	B23400	6/29/2000	6-8	-	<0.029U	-	<0.029U	11D	0.012J	<0.029U	-	<0.029U	-	-	<0.38U	<0.38U	<0.029U	-	-	-	-	-	-	-	-
SSHS-FB5	B23407T3	8/14/2000	1-1.5	-	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	-	-	-	<0.006U	-	-	-	-	-	-	-	-
SSHS-FB5	B23499	6/29/2000	2-4	-	<0.73U	-	<0.73U	110D	<0.73U	<0.73U	-	<0.73U	-	-	<0.39U	<0.39U	<0.73U	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	<0.001U	<0.00082U	<0.00079U	<0.00079U	0.02	<0.0008U	<0.0007U	<0.0007U	<0.00055U	<0.00099U	<0.001U	<0.00093U	<0.00077U	<0.00089U	<0.001U	<0.00087U	<0.00078U	<0.0011U	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	<0.0007U	<0.00058U	<0.00056U	<0.00055U	0.029	<0.00056U	<0.00049U	<0.00049U	<0.00039U	<0.0007U	<0.00073U	<0.00066U	<0.00054U	<0.00062U	<0.00071U	<0.00061U	<0.00055U	<0.00076U	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	<0.00079U	<0.00066U	<0.00063U	<0.0007U	0.015	<0.00063U	<0.00056U	<0.00056U	<0.00044U	<0.00079U	<0.00082U	<0.00074U	<0.00061U	<0.00071U	<0.0008U	<0.00069U	<0.00062U	<0.00086U	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	<0.00075U	<0.00062U	<0.0006U	<0.00059U	0.029	<0.0006U	<0.00053U	<0.00053U	<0.00041U	<0.00075U	<0.00078U	<0.0007U	<0.00058U	<0.00067U	<0.00076U	<0.00065U	<0.00059U	<0.00081U	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	<0.00096U	<0.00079U	<0.00076U	<0.00076U	0.19	<0.00077U	<0.00067U	<0.00067U	<0.00053U	<0.00095U	<0.001U	<0.0009U	<0.00074U	<0.00085U	<0.00097U	<0.00083U	<0.00075U	<0.001U	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	<0.0014U	<0.0011U	<0.0011U	<0.0011U	0.28	<0.0011U	<0.00097U	<0.00097U	<0.00076U	<0.0014U	<0.0014U	<0.0013U	<0.0011U	<0.0012U	<0.0014U	<0.0012U	<0.0011U	<0.0015U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	<0.078U	-	-	-	-	-	-	-	-	-	-
SSHS-B9	B23482	5/11/2000	2-3	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0036U	<0.0019U	<0.0019U	<0.0036U	<0.0036U
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.00042U	-	-	-	-	<0.00044U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.001J,p	-	<0.00034J,p	<0.00066J,p	<0.00035J,p	<0.00031U	<0.00035U	<0.00032U	<0.00019U
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.00064U	-	-	-	-	<0.00067U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.00068U	-	-	-	-	<0.00071U	-	<0.0003U	<0.00033U	<0.00036U	<0.00052U	-	<0.0004U	<0.0006J,p	-	<0.00031U	<0.00044J,p	<0.00035J,p	<0.00033U	<0.00038U	<0.00035U	<0.00023J,p
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.00066U	-	-	-	-	<0.00069U	-	<0.0003U	<0.00033U	<0.00036U	<0.00052U	-	<0.0004U	<0.0004U	-	<0.00031U	<0.00026U	<0.0003U	<0.00034U	<0.00038U	<0.00036U	<0.00021U
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.00091U	-	-	-	-	<0.00095U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.00056U	-	-	-	-	<0.00058U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<0.00072U	-	-	-	-	<0.00075U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00019U
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.00072U	-	-	-	-	<0.00074U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00034U	<0.00034U	-	<0.00026U	<0.00023U	<0.00026U	<0.00029U	<0.00032U	<0.00031U	<0.00018U
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	<0.0026U	-	-	-	-	<0.0015U	-	-	-	-	-	<0.076U	-	-	-	-	-	-	-	-	-	-
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	<0.0024U	-	-	-	-	<0.0014U	-	-	-	-	-	<0.076U	-	-	-	-	-	-	-	-	-	-
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.00062U	-	-	-	-	<0.00065U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.0039U	-	<0.0019U	<0.0019U	<0.0019U	<0.00067J	<0.00032U	<0.0019U
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<0.00058U	-	-	-	-	<0.0006U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.00036U	-	<0.00028U	<0.00024U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.00062U	-	-	-	-	<0.00065U	-	<0.00028U	<0.0019U	<0.00033U	<0.00048U	-	<0.00037U	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.00031U	<0.00035U	<0.00033U	<0.0019U
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.00064U	-	-	-	-	<0.00067U	-	<0.00034U	<0.00037U	<0.0004U	<0.00058U	-	<0.00045U	<0.00044U	-	<0.00034U	<0.00029U	<0.00034U	<0.00037U	<0.00042U	<0.0004U	<0.00023U
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00061U	-	-	-	-	<0.00064U	-	<0.002U	<0.00032U	<0.00035U	<0.00051U	-	<0.00039U	<0.002U	-	<0.0003U	<0.002U	<0.002U	<0.002U	<0.00037U	<0.00034U	<0.0002U
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.00071U	-	-	-	-	<0.00074U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00034U	<0.00031U	<0.00019U
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.00075U	-	-	-	-	<0.00078U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00037U	<0.0019U	-	<0.00028U	<0.00024U	<0.0018J	<0.00031U	<0.00035U	<0.00033U	<0.00019U
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.00061U	-	-	-	-	<0.00063U	-	<0.00027U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.00056U	-	-	-	-	<0.00058U	-	<0.00029U	<0.00031U	<0.00034U	<0.00049U	-	<0.00038U	<0.00038U	-	<0.00029U	<0.00025U	<0.0019U	<0.00032U	<0.00036U	<0.00034U	<0.0002U
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.00059U	-	-	-	-	<0.00062U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.0033U	-	<0.0013J	<0.00024U	0.0027	<0.00031U	<0.00044J	<0.00032U	<0.0019U
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.00057U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.0036U	-	<0.00028U	<0.00024U	0.0051	<0.0018U	<0.00043J	<0.00032U	<0.0018U
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.00055U	-	-	-	-	<0.00058U	-	<0.00027U	<0.0003U	<0.0088U	<0.0019U	-	<0.0019U	<0.035U	-	<0.00028U	<0.0019U	<0.003U	<0.0018J	0.0032	<0.0019U	<0.0019U
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00056U	-	-	-	-	<0.00058U	-	<0.00028U	<0.0019U	<0.00034U	<0.00049U	-	<0.00037U	<0.0031U	-	<0.0019U	<0.0019U	<0.0019U	<0.00031U	<0.0005J	<0.00033U	<0.0019U
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.00059U	-	-	-	-	<0.00062U	-	<0.00028U	<0.00029U	<0.00032U	<0.00048U	-	<0.00036U	<0.00033U	-	<0.0013J	<0.00024U	0.0027	<0.00031U	<0.00044J	<0.00032U	<0.0019U
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.00057U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.0036U	-	<0.00028U	<0.00024U	0.0051	<0.0018U	<0.00043J	<0.00032U	<0.0018U
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.00055U	-	-	-	-	<0.00058U	-	<0.00027U	<0.0003U	<0.0088U	<0.0019U	-	<0.0019U	<0.035U	-	<0.00028U	<0.0019U	<0.003U	<0.0018J	0.0032	<0.0019U	<0.0019U
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00056U	-	-	-	-	<0.00058U	-	<0.00028U	<0.0019U	<0.00034U	<0.00049U	-	<0.00037U	<0.0031U	-	<0.0019U	<0.0019U	<0.0019U	<0.00031U	<0.0005J	<0.00033U	<0.0019U
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.00063U	-	-	-	-	<0.00065U	-	<0.00028U	<0.0003U	<0.00033U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.0006U	-	-	-	-	<0.00062U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.0018U	-	<0.00028U	<0.00024U	<0.00027U	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.00064U	-	-	-	-	<0.00066U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.00066U	-	-	-	-	<0.00068U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.0018U	-	<0.00027U	<0.0018U	<0.0018U	<0.0018U	<0.00034U	<0.00032U	<0.00019U
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.00057U	-	-	-	-	<0.00059U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00026U	<0.00029U	<0.00033U	<0.00031U	<0.00018U
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.00062U	-	-	-	-	<0.00065U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00019U
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.0006U	-	-	-	-	<0.00062U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.00066U	-	-	-	-	<0.00069U	-	<0.0003U	<0.00033U	<0.00036U	<0.00052U	-	<0.0004U	<0.0004U	-	<0.00031U	<0.00026U	<0.00046J	<0.00033U	<0.00038U	<0.00036U	<0.00021U
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.00059U	-	-	-	-	<0.00061U	-	<0.00027U	<0.00029U	<0.00032U	<0.00047U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00024U	<0.00045J	<0.0003U	<0.00034U	<0.00032U	<0.00019U
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.00068U	-	-	-	-	<0.00071U	-	0.016	<0.0003U	<0.00033U	<0.00048U	-	<0.0019U	<0.002U	-	<0.00028U	0.0063	0.18	<0.00031U	<0.00035U	<0.0019U	<0.00019U
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.00058U	-	-	-	-	<0.00061U	-	<0.00027U	<0.00029U	<0.00032U	<0.00046U	-	<0.00035U	<0.00035U	-	<0.00027U	<0.00023U	<0.00027U	<0.0003U	<0.00033U	<0.00031U	<0.00019U
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.00082U	-	-	-	-	<0.00085U	-	<0.00032U	<0.00035U	<0.00038U	<0.00055U	-	<0.00042U	<0.0068U	-	<0.00032U	<0.0022U	0.01	<0.00035U	<0.0004U	<0.0022U	<0.0022U
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.00069U	-	-	-	-	<0.00072U	-	<0.00032U	<0.00035U	<0.00038U	<0.00055U	-	<0.00042U	<0.00042U	-	<0.00033U	<0.00028U	<0.00032U	<0.00035U	<0.0004U	<0.00038U	<0.00022U
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.00061U	-	-	-	-	<0.00064U	-	<0.00028U	<0.0003U	<0.00033U	<0.00048U	-	<0.00036U	<0.00036U	-	<0.00028U	<0.00047J	<0.00027U	<0.00031U	<0.00034U	<0.00032U	<0.00019U
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.00071U	-	-	-	-	<0.00073U	-	<0.00028U	<0.00031U	<0.00034U	<0.00049U	-	<0.00037U	<0.00037U	-	<0.00029U	<0.00025U	<0.00028U	<0.00031U	<0.00035U	<0.00033U	<0.0002U
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.00058U	-	-	-	-	<0.00061U	-	<0.00029U	<0.00031U	<0.00034U	<0.0005U	-	<0.002U	<0.019U	-	<0.00029U	<0.002U	<0.0048U	0.0033	<0.0019J	<0.002U	<0.0026U
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.00058U	-	-	-	-	<0.0006U	-	<0.00026U	<0.00028U	<0.00031U	<0.00045U	-	<0.00034U	<0.00034U	-	<0.00026U	<0.00023U	0.0029	<0.00029U	<0.00032U	<0.0003U	<0.0018U
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.00058U	-	-	-	-	<0.0006U	-	<0.00029U	<0.00031U	<0.00034U	<0.0005U	-	<0.002U	<0.0111U	-	<0.00029U	<0.002U	0.033	<0.002U	<0.0018J	<0.002U	<0.0026U
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.00052U	-	-	-	-	<0.00054U	-	<0.00028U	<0.0003U	<0.00033U	<0.0019U	-	<0.0019U	<0.02U	-	<0.00029U	<0.0019U	0.063	<0.0068U	0.003	<0.0019U	<0.0038U
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-13	SSHS-CB-13	6/25/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-20	SSHS-CB-20	6/24/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CB-25	SSHS-CB-25	6/24/2019		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-CS2	SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB1	B23493	6/29/2000	0.5-2	-	-	-	-	-	-	-	<0.019U	<0.019U	<0.019U	<0.019U	-	-	-	-	<0.019U	<0.019U	<0.038U	<0.019U	<0.019U	<0.038U	<0.038U
SSHS-FB1	B23494	6/29/2000	6-8	-	-	-	-	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	-	-	-	-	<0.02U	<0.02U	<0.04U	<0.02U	<0.02U	<0.04U	<0.04U
SSHS-FB1	B23495	6/29/2000	16-18	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U
SSHS-FB10	B23407	6/29/2000	1-3	-	-	-	-	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	-	-	-	-	<0.02U	<0.02U	<0.039U	<0.02U	<0.02U	<0.039U	<0.039U
SSHS-FB11	B23408	6/29/2000	1-3	-	-	-	-	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	-	-	-	-	<0.02U	<0.02U	<0.039U	<0.02U	<0.02U	<0.039U	<0.039U
SSHS-FB2	B23496	6/29/2000	0.5-1	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.004U
SSHS-FB3	B23497	6/29/2000	3-4	-	-	-	-	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	-	-	-	-	<0.02U	<0.02U	<0.038U	<0.02U	<0.02U	<0.038U	<0.038U
SSHS-FB4	B23498	6/29/2000	3-4	-	-	-	-	-	-	-	<0.019U	<0.019U	<0.019U	<0.019U	-	-	-	-	<0.019U	<0.019U	<0.038U	<0.019U	<0.019U	<0.038U	<0.038U
SSHS-FB5	B23400	6/29/2000	6-8	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-FB5	B23407T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23499	6/29/2000	2-4	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	<0.0008U	-	-	-	-	<0.00083UJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	<0.00056U	-	-	-	-	<0.00058U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	<0.00063U	-	-	-	-	<0.00066U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	<0.0006U	-	-	-	-	<0.00062U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	<0.00077U	-	-	-	-	<0.0008U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	<0.0011U	-	-	-	-	<0.0011U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	<0.0071U,F1	-	-	<0.0062U	<0.0057U,F1	0.65p	<0.0071U,F2,F1	<0.49U	-	<0.0033U	<0.0048U	<0.0021U	<0.0036U	<0.0034U	<0.0014U	<0.0042U	-	-	<0.042U	-	<0.068U	<0.063U
SSHS-B9	B23482	5/11/2000	2-3	<0.0019U	-	-	-	<0.0019U	-	-	-	1.341	<0.011U	-	-	<0.022U	-	-	-	-	-	-	-	-	-
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	0.0019	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00039J,p	<0.00038U	<0.012U	<0	<0.00055U	<0.00043U	<0.0004U	<0.0031U	<0.00032U	<0.00023U	<0.00046U	<0.16U	<0.14U	<0.17U	<0.12U	<0.2U	<0.28U
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00083U	<0.00065U	<0.00062U	<0.0047U	<0.00048U	<0.00035U	<0.00071U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.00081J	<0.00039U	<0.00031U	<0.00035U	<0.00044U	<0.00039U	<0.00042U	<0.013U	<0 - 1.926	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00075U	<0.036U	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.00039U	<0.00039U	<0.00031U	<0.00035U	<0.00045U	<0.00039U	<0.00042U	<0.013U	<0	<0.00086U	<0.00067U	<0.00063U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.036U	<0.031U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	1.43	<0.0012U	<0.00093U	<0.00087U	<0.01J	<0.00069U	<0.0005U	<0.001U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.00036U	<0.00036U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	<0	<0.00073U	<0.00057U	<0.00054U	<0.0041U	<0.00042U	<0.00031U	<0.00062U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.057U
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00094U	<0.00073U	<0.00069U	<0.0062J	<0.00054U	<0.00039U	<0.00079U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.00034U	<0.00034U	<0.00027U	<0.0003U	<0.00038U	<0.00034U	<0.00036U	<0.012U	<0	<0.00093U	<0.00073U	<0.00069U	<0.0053U	<0.00054U	<0.00039U	<0.00079U	<0.031U	<0.027U	<0.04U	<0.023U	<0.037U	<0.052U
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	<0.0069U	-	-	<0.0061U	<0.0056U	<0.0045U	<0.0069U	<0.48U	-	<0.0032U	<0.0046U	<0.0021U	<0.0035U	<0.0033U	<0.0013U	<0.0041U	-	-	<0.04U	-	<0.69U	<0.64U
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	0.01J,p,F1,F2	-	-	<0.0061U	<0.0056U	<0.0045U,F1	<0.0069U,F1,F2	<0.48U	-	<0.003U	<0.0044U	<0.0019U	<0.0033U	<0.0031U	<0.0013U	<0.0038U	-	-	<0.038U	-	<0.34U	<0.31U
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.0049U	<0.00035U	<0.0019U	<0.00032U	<0.0019U	<0.002U	<0.00038U	<0.012U	5.62	<0.00081U	<0.00063U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<0.00036U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.00039U	<0.012U	<0	<0.00075U	<0.00059U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.033U	<0.028U	<0.042U	<0.024U	<0.04U	<0.055U
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.0019U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.00036U	<0.0037U	<0.012U	0.081	<0.00081U	<0.00063U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.033U	<0.028U	<0.042U	<0.024U	<0.04U	<0.055U
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.00044U	<0.00044U	<0.00035U	<0.00039U	<0.0005U	<0.00044U	<0.00047U	<0.015U	<0	<0.00083U	<0.00065U	<0.00062U	<0.0047U	<0.00048U	<0.00035U	<0.00071U	<0.04U	<0.034U	<0.052U	<0.029U	<0.048U	<0.067U
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0014J	<0.00038U	<0.0003U	<0.00058J	<0.00043U	<0.002U	<0.0039U	<0.013U	3.65	<0.00079U	<0.00062U	<0.00059U	<0.0045U	<0.00046U	<0.00033U	<0.00067U	<0.035U	<0.03U	<0.045U	<0.025U	<0.042U	<0.058U
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00093U	<0.00073U	<0.00069U	<0.0053U	<0.00054U	<0.00039U	<0.00079U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.0019U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.0019U	<0.00038U	<0.012U	<0	<0.00097U	<0.00076U	<0.00072U	<0.0055U	<0.00056U	<0.00041U	<0.00082U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00079U	<0.00062U	<0.00059U	<0.0045U	<0.00046U	<0.00033U	<0.00067U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.00076J	<0.00037U	<0.0003U	<0.00033U	<0.00042U	<0.0019U	<0.0038U	<0.013U	4.64	<0.00073U	<0.00057U	<0.00054U	<0.0041U	<0.00042U	<0.00031U	<0.00062U	<0.034U	<0.029U	<0.044U	<0.024U	<0.041U	<0.057U
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.0019U	<0.00036U	<0.0019U	<0.00032U	<0.00041U	<0.004U	<0.0036U	<0.012U	<0	<0.00077U	<0.0006U	<0.00057U	<0.0044U	<0.00045U	<0.00032U	<0.00065U	<0.033U	<0.028U	<0.042U	<0.024U	<0.039U	<0.055U
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.0023U	<0.00035U	<0.0018U	<0.00032U	<0.0004U	<0.0022U	<0.00038U	<0.012U	0.245	<0.00074U	<0.00058U	<0.00055U	<0.0042U	<0.00043U	<0.00031U	<0.00063U	<0.032U	<0.027U	<0.041U	<0.023U	<0.039U	<0.054U
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.0094U	<0.0019U	<0.00028U	<0.00032U	<0.0004U	<0.028U	<0.0071U	<0.012U	<0	<0.00072U	<0.00056U	<0.00053U	<0.0041U	<0.00042U	<0.0003U	<0.00061U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0027U	<0.00037U	<0.0019U	<0.00033U	<0.00042U	<0.0019U	<0.0019U	<0.013U	<0	<0.00073U	<0.00057U	<0.00054U	<0.0041U	<0.00042U	<0.00031U	<0.00062U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.00035U	<0.00036U	<0.00028U	<0.00032U	<0.00041U	<0.00036U	<0.00038U	<0.012U	<0	<0.00081U	<0.00064U	<0.0006U	<0.0046U	<0.00047U	<0.00034U	<0.00069U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.0018U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00078U	<0.00061U	<0.00057U	<0.0044U	<0.00045U	<0.00033U	<0.00066U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.054U
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.00048U	<0.00034U	<0.00027U	<0.00031U	<0.00039U	<0.00034U	<0.00037U	<0.012U	<0	<0.00083U	<0.00065U	<0.00061U	<0.0047U	<0.00048U	<0.00035U	<0.0007U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0018U	<0.00035U	<0.00028U	<0.00041J	<0.0004U	<0.00035U	<0.00037U	<0.012U	4.58	<0.00085U	<0.00067U	<0.00063U	0.14	<0.0005U	<0.00036U	<0.00072U	<0.032U	<0.027U	<0.042U	<0.023U	<0.039U	<0.054U
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.00034U	<0.00034U	<0.00028U	<0.00031U	<0.00039U	<0.00034U	<0.00037U	<0.012U	<0	<0.00073U	<0.00058U	<0.00054U	0.017	<0.00043U	<0.00031U	<0.00062U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.00034U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	0.275	<0.00081U	<0.00063U	<0.0006U	0.018	<0.00047U	<0.00034U	<0.00068U	<0.032U	<0.027U	<0.041U	<0.023U	<0.038U	<0.053U
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.00037U	<0.00037U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	<0	<0.00078U	<0.00061U	<0.00058U	0.051	<0.00045U	<0.00033U	<0.00066U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.0039U	<0.00039U	<0.00031U	<0.00035U	<0.00045U	<0.00039U	<0.00042U	<0.013U	<0	<0.00086U	<0.00068U	<0.00064U	<0.0049U	<0.0005U	<0.00036U	<0.00073U	<0.036U	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.00035U	<0.00035U	<0.00028U	<0.00032U	<0.0004U	<0.00035U	<0.00038U	<0.012U	<0	<0.00076U	<0.0006U	<0.00056U	<0.0043U	<0.00044U	<0.00032U	<0.00065U	<0.032U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.0019U	<0.00036U	<0.00029U	<0.00032U	<0.00041U	<0.0019U	<0.00038U	<0.012U	<0	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00075U	<0.033U	<0.028U	<0.042U	<0.024U	<0.04U	<0.055U
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.00035U	<0.00035U	<0.00028U	<0.00031U	<0.0004U	<0.00035U	<0.00037U	<0.012U	<0	<0.00076U	<0.00059U	<0.00056U	<0.0043U	<0.00044U	<0.00032U	<0.00064U	<0.031U	<0.027U	<0.04U	<0.023U	<0.038U	<0.053U
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.0056U	<0.00041U	<0.00033U	<0.00037U	<0.00047U	<0.0022U	<0.0022U	<0.014U	0.547	<0.0011U	<0.00083U	<0.00078U	0.082	<0.00062U	<0.00045U	<0.0009U	<0.038U	<0.032U	<0.049U	<0.027U	<0.046U	<0.064U
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.00041U	<0.00041U	<0.00033U	<0.00037U	<0.00047U	<0.00041U	<0.00044U	<0.014U	<0	<0.0009U	<0.00071U	<0.00067U	<0.0051U	<0.00052U	<0.00038U	<0.00076U	<0.038U	<0.033U	<0.049U	<0.028U	<0.046U	<0.065U
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.00036U	<0.00036U	<0.00029U	<0.0006J	<0.00041U	<0.00036U	<0.00038U	<0.012U	10.68	<0.0008U	<0.00062U	<0.00059U	<0.0045U	<0.00046U	<0.00034U	<0.00067U	<0.033U	<0.028U	<0.042U	<0.023U	<0.039U	<0.055U
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.00037U	<0.00037U	<0.00029U	<0.00033U	<0.00042U	<0.00037U	<0.00039U	<0.013U	0.198	<0.00092U	<0.00072U	<0.00068U	<0.0052U	<0.00053U	<0.00039U	<0.00078U	<0.034U	<0.029U	<0.044U	<0.024U	<0.041U	<0.057U
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.023U	<0.002U	<0.0023U	<0.00034U	<0.00043U	<0.011U	<0.0073U	<0.013U	2.04	<0.00076U	<0.00059U	<0.00056U	<0.0076J	<0.00044U	<0.00032U	<0.00064U	<0.034U	<0.029U	<0.043U	<0.024U	<0.04U	<0.057U
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.0018U	<0.00033U	<0.00027U	<0.0003U	<0.00038U	<0.00034U	<0.00036U	<0.012U	<0	<0.00075U	<0.00059U	<0.00056U	<0.0043U	<0.00044U	<0.00032U	<0.00064U	<0.031U	<0.026U	<0.04U	<0.022U	<0.037U	<0.052U
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.015U	0.0033	<0.0022U	<0.00034U	<0.00043U	<0.012U	<0.0004U	<0.013U	1.75	<0.00075U	<0.00059U	<0.00055U	<0.0042U	<0.00043U	<0.00032U	<0.00063U	<0.034U	<0.029U	<0.044U	<0.025U	<0.041U	<0.058U
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.03U	0.005	<0.0027U	<0.00033U	<0.00042U	<0.012U	<0.0019U	<0.012U	0.4	<0.00068U	<0.00053U	<0.0005U	<0.0038U	<0.00039U	<0.00029U	<0.00058U	<0.033U	<0.028U	<0.043U	<0.024U	<0.04U	<0.056U
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	4.326	-	-	-	-	-	-	-	<0.084U	<0.086U	<0.62U	<0.83U	<0.14U	<0.11U
SSHS-CB-13	SSHS-CB-13	6/25/2019		-	-	-	-	-	-	-	-	<0.333	-	-	-	-	-	-	-	<0.02U	<0.021U	<0.15U	<0.2U	<0.035U	<0.027U
SSHS-CB-20	SSHS-CB-20	6/24/2019		-	-	-	-	-	-	-	-	1.232	-	-	-	-	-	-	-	<0.066U	<0.068U	<0.49U	<0.65U	<0.11U	<0.086U
SSHS-CB-25	SSHS-CB-25	6/24/2019		-	-	-	-	-	-	-	-	0.644	-	-	-	-	-	-	-	<0.068U	<0.069U	<0.5U	<0.67U	<0.11U	<0.088U
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	-	-	-	-	-	-	-	-	6.045	-	-	-	-	-	-	-	0.025J	<0.015U	<0.11U	<0.15U	<0.025U	<0.019U
SSHS-CS2	SSHS-CS2	7/12/2018	9.1-9.1	-	-	-	-	-	-	-	-	19.47	-	-	-	-	-	-	-	<0.074U	<0.076U	<0.55U	<0.74U	<0.13U	<0.097U
SSHS-FB1	B23493	6/29/2000	0.5-2	<0.019U	-	-	-	<0.019U	-	-	-	21.73	<0.011U	-	-	0.0064J	-	-	-	-	-	-	-	-	-
SSHS-FB1	B23494	6/29/2000	6-8	<0.02U	-	-	-	<0.02U	-	-	-	0.335	0.0018J	-	-	0.0088J	-	-	-	-	-	-	-	-	-
SSHS-FB1	B23495	6/29/2000	16-18	<0.0021U	-	-	-	<0.0021U	-	-	-	<0	<0.012U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-FB10	B23407	6/29/2000	1-3	<0.02U	-	-	-	<0.02U	-	-	-	12.79	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-FB11	B23408	6/29/2000	1-3	<0.02U	-	-	-	<0.02U	-	-	-	1.79	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-FB2	B23496	6/29/2000	0.5-1	<0.0021U	-	-	-	<0.0021U	-	-	-	19.62	<0.012U	-	-	0.0089J	-	-	-	-	-	-	-	-	-
SSHS-FB3	B23497	6/29/2000	3-4	<0.02U	-	-	-	<0.02U	-	-	-	0.757	<0.012U	-	-	0.01J	-	-	-	-	-	-	-	-	-
SSHS-FB4	B23498	6/29/2000	3-4	<0.019U	-	-	-	<0.019U	-	-	-	35.25	<0.011U	-	-	0.0077J	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23400	6/29/2000	6-8	<0.002U	-	-	-	<0.002U	-	-	-	<0	<0.058U	-	-	<0.12U	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23407T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23499	6/29/2000	2-4	<0.002U	-	-	-	<0.002U	-	-	-	0.888	<1.5U	-	-	<2.9U	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	<0.001U	<0.00081U	<0.00076U	<0.0059U	<0.0006U	<0.00043U	<0.00088U	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	<0.00073U	<0.00057U	<0.00054U	<0.0041U	<0.00042U	<0.00031U	<0.00062U	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	<0.00082U	<0.00064U	<0.00061U	<0.0066U	<0.00048U	<0.00035U	<0.0007U	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	<0.00078U	<0.00061U	<0.00058U	<0.0044U	<0.00045U	<0.00033U	<0.00066U	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	<0.00099U	<0.00078U	<0.00074U	<0.0056U	<0.00058U	<0.00042U	<0.00084U	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	<0.0014U	<0.0011U	<0.0011U	<0.0081U	<0.0066J	<0.0006U	<0.0012U	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

Location	Field ID	Sample Date	Sample Depth	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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	-	-	-	<0.095U	-	-	-	-	<0.063U	-	-	-	-	-	-	-	-	-	-	<0.064U	-	-
SSHS-B9	B23482	5/11/2000	2-3	-	-	-	-	-	-	-	-	<0.36U	-	-	-	-	-	-	-	-	-	-	<0.36U	-	-
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.037U	<0.29U	<2.2U	<0.15U	<0.19U	<0.038U	<0.15U	<0.033U	<0.13U	<0.82U	<0.2U	-	<0.19U	<0.76U	<0.74U	<0.16U	<0.17U	<0.15U	<0.2U	<0.18U	<0.74U	<0.67U
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<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	<0.13U
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.008U	<0.063U	<0.48U	<0.032U	<0.041U	<0.0084U	<0.033U	<0.058J	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.16U	<0.16U	<0.035U	<0.037U	<0.032U	<0.044U	<0.039U	<0.16U	<0.15U
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.0081U	<0.063U	<0.48U	<0.033U	<0.042U	<0.0084U	<0.033U	<0.0073U	<0.028U	<0.18U	<0.044U	-	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.04U	<0.16U	<0.15U
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.0072U	<0.056U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.029U	<0.022J	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<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	<0.13U
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.007U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.024U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	-	-	-	<0.97U	-	-	-	-	<0.64U	-	-	-	-	-	-	-	-	-	-	<0.65U	-	-
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	-	-	-	<0.47U	-	-	-	-	<0.31U	-	-	-	-	-	-	-	-	-	-	<0.31U,F2	-	-
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.045J	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<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	<0.14U
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.024J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.009U	<0.07U	<0.53U	<0.036U	<0.046U	<0.0094U	<0.037U	<0.0081U	<0.031U	<0.2U	<0.05U	-	<0.047U	<0.18U	<0.18U	<0.039U	<0.041U	<0.036U	<0.05U	<0.044U	<0.18U	<0.16U
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0078U	<0.061U	<0.46U	<0.032U	<0.04U	<0.0081U	<0.032U	<0.027J	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.16U	<0.034U	<0.036U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.0072U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.0074U	<0.057U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0086J	<0.026U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.0076U	<0.06U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.019J	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0066U	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.13U
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0075U	<0.03U	<0.014J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0076J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0075U	<0.058U	<0.45U	<0.03U	<0.039U	<0.0078U	<0.031U	<0.021J	<0.026U	<0.17U	<0.041U	-	<0.04U	<0.15U	<0.15U	<0.033U	<0.034U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<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	<0.13U
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.0071U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0073U	<0.057U	<0.43U	<0.029U	<0.037U	<0.0076U	<0.03U	<0.037J	<0.025U	<0.16U	<0.04U	-	<0.038U	<0.15U	<0.15U	<0.032U	<0.033U	<0.029U	<0.04U	<0.035U	<0.15U	<0.13U
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.0071U	<0.056U	<0.42U	<0.029U	<0.037U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.038U	<0.15U	<0.14U	<0.031U	<0.033U	<0.029U	<0.04U	<0.035U	<0.14U	<0.13U
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.0071U	<0.055U	<0.42U	<0.029U	<0.036U	<0.0074U	<0.029U	<0.0064U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.15U	<0.14U	<0.031U	<0.033U	<0.028U	<0.039U	<0.035U	<0.14U	<0.13U
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.0076U	<0.059U	<0.45U	<0.03U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.0081U	<0.063U	<0.48U	<0.032U	<0.041U	<0.0084U	<0.033U	<0.0072U	<0.028U	<0.18U	<0.044U	-	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.039U	<0.16U	<0.15U
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.0065U	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.0079J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.14U
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.0071U	<0.055U	<0.42U	<0.028U	<0.036U	<0.0073U	<0.029U	<0.0063U	<0.025U	<0.16U	<0.039U	-	<0.037U	<0.14U	<0.14U	<0.031U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.0086U	<0.067U	<0.51U	<0.035U	<0.044U	<0.0089U	<0.035U	<0.017J	<0.03U	<0.19U	<0.047U	-	<0.045U	<0.18U	<0.17U	<0.037U	<0.039U	<0.034U	<0.048U	<0.042U	<0.17U	<0.16U
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.0087U	<0.067U	<0.51U	<0.035U	<0.044U	<0.009U	<0.035U	<0.0078U	<0.03U	<0.19U	<0.048U	-	<0.046U	<0.18U	<0.17U	<0.038U	<0.04U	<0.035U	<0.048U	<0.042U	<0.17U	<0.16U
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.0073U	<0.057U	<0.43U	<0.029U	<0.038U	<0.0076U	<0.03U	<0.007J	<0.025U	<0.16U	<0.04U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.029U	<0.04U	<0.036U	<0.15U	<0.13U
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.0068U	<0.027U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.0076U	<0.059U	<0.45U	<0.031U	<0.039U	<0.0079U	<0.031U	<0.022J	<0.026U	<0.17U	<0.042U	-	<0.04U	<0.16U	<0.15U	<0.033U	<0.035U	<0.03U	<0.042U	<0.037U	<0.15U	<0.14U
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.007U	<0.054U	<0.41U	<0.028U	<0.036U	<0.0072U	<0.028U	<0.0062U	<0.024U	<0.16U	<0.038U	-	<0.037U	<0.14U	<0.14U	<0.03U	<0.032U	<0.028U	<0.039U	<0.034U	<0.14U	<0.13U
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.0077U	<0.06U	<0.46U	<0.031U	<0.04U	<0.008U	<0.032U	<0.054J	<0.027U	<0.17U	<0.043U	-	<0.041U	<0.16U	<0.15U	<0.034U	<0.035U	<0.031U	<0.043U	<0.038U	<0.16U	<0.14U
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.0074U	<0.058U	<0.44U	<0.03U	<0.038U	<0.0077U	<0.03U	<0.014J	<0.026U	<0.17U	<0.041U	-	<0.039U	<0.15U	<0.15U	<0.032U	<0.034U	<0.03U	<0.041U	<0.036U	<0.15U	<0.14U
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	<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	<1.4U
SSHS-CB-13	SSHS-CB-13	6/25/2019		<0.037U	<0.03U	<1.3U	<0.024U	<0.03U	<0.022U	<0.022U	<0.023U	<0.14U	<0.22U	<0.077U	-	<0.45U	<0.12U	<0.83U	<0.034U	<0.023U	<0.016U	<0.029U	<0.14U	<0.023U	<0.34U
SSHS-CB-20	SSHS-CB-20	6/24/2019		<0.12U	<0.097U	<4.2U	<0.078U	<0.097U	<0.072U	<0.073U	<0.075U	<0.45U	<0.71U	<0.25U	-	<1.5U	<0.4U	<2.7U	<0.11U	<0.074U	<0.052U	<0.095U	<0.46U	<0.076U	<1.1U
SSHS-CB-25	SSHS-CB-25	6/24/2019		<0.12U	<0.1U	<4.3U	<0.08U	<0.099U	<0.074U	<0.075U	<0.077U	<0.46U	<0.73U	<0.26U	-	<1.5U	<0.41U	<2.8U	<0.11U	<0.076U	<0.054U	<0.097U	<0.47U	<0.078U	<1.1U
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	<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	<0.24U
SSHS-CS2	SSHS-CS2	7/12/2018	9.1-9.1	<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	<1.2U
SSHS-FB1	B23493	6/29/2000	0.5-2	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-FB1	B23494	6/29/2000	6-8	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-FB1	B23495	6/29/2000	16-18	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-FB10	B23407	6/29/2000	1-3	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-FB11	B23408	6/29/2000	1-3	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-FB2	B23496	6/29/2000	0.5-1	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-FB3	B23497	6/29/2000	3-4	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-FB4	B23498	6/29/2000	3-4	-	-	-	-	-	-	-	-	<1.1U	-	-	-	-	-	-	-	-	-	-	<1.1U	-	-
SSHS-FB5	B23400	6/29/2000	6-8	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-FB5	B23407T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23499	6/29/2000	2-4	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B9	B23482	5/11/2000	2-3	<0.36U	<0.36U	-	<0.36U	-	0.099J	-	0.098J	0.14J	0.076J	0.14J	-	-	-	-	-	-	-	-	0.18J	<0.36U	<0.36U
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.035U	<0.042U	<0.15U	<0.036U	<0.18U	<0.12J	<0.28U	<0.11J	<0.13J	<0.037U	<0.079J	-	<0.12U	<0.049U	<0.04U	<0.3U	<0.25U	<1.4U	<0.034U	<0.12J	<0.041U	<0.18U
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.035U	<0.009U	<0.054U	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0086U	<0.008U	<0.035U
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.0077U	<0.029J	<0.033U	<0.042J	<0.039U	<0.2 - 0.18U	<0.06U	<0.16 - 0.14U	<0.25 - 0.19U	<0.16 - 0.17U	<0.32 - 0.086U	-	<0.026U	<0.011U	<0.0086U	<1.3 - 1.4U	50 - 110E	<0.3U	<0.0074U	<0.19 - 0.17U	<0.0089U	<0.039U
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<0.0078U	<0.0092U	<0.033U	<0.0079U	<0.039U	<0.01U	<0.06U	<0.0081U	<0.013U	<0.008U	<0.016U	-	<0.027U	<0.011U	<0.0087U	<0.065U	<0.073J	<0.3U	<0.0074U	<0.0096U	<0.009U	<0.04U
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.011J	<0.031J	<0.029U	<0.044J	<0.035U	0.13	<0.054U	0.13	0.18	0.12	<0.054J	-	<0.024U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.018J	0.15	<0.041J	<0.035U
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.0073U	<0.0087U	<0.031U	<0.0074U	<0.037U	<0.0095U	<0.057U	<0.0076U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	<0.007U	<0.009U	<0.0084U	<0.037U
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<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	<0.035U
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.0067U	<0.008U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0076U	<0.057U	<0.048U	<0.26U	<0.0065U	<0.0083U	<0.0078U	<0.034U
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.037J	<0.029J	<0.03U	0.12	<0.036U	0.57	<0.055U	0.46	0.65	0.29	0.21	-	<0.024U	<0.0099U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.044J	0.53	<0.069J	<0.036U
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<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	<0.036U
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<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	<0.036U
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.0086U	<0.01U	<0.037U	<0.0088U	<0.044U	<0.011U	<0.067U	<0.009U	<0.014U	<0.0089U	<0.018U	-	<0.03U	<0.012U	<0.0097U	<0.073U	<0.061U	<0.34U	<0.0083U	<0.011U	<0.01U	<0.044U
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.057J	<0.034J	<0.032U	0.11	<0.038U	0.32	<0.059U	0.32	0.41	0.26	0.12	-	<0.026U	<0.01U	<0.0084U	<0.063U	<0.053U	<0.29U	<0.05J	0.3	<0.068J	<0.038U
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.0069U	<0.0082U	<0.029U	<0.007U	<0.035U	<0.0089U	<0.053U	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0085U	<0.0079U	<0.035U
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.007U	<0.0084U	<0.03U	<0.0072U	<0.036U	<0.016J	<0.055U	<0.017J	<0.025J	<0.028J	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	<0.0068U	<0.02J	<0.0082U	<0.036U
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.04J	<0.031J	<0.031U	0.15	<0.037U	0.42	<0.057U	0.35	0.49	0.23	0.15	-	<0.025U	<0.01U	<0.0082U	<0.062U	<0.052U	<0.29U	<0.052J	0.42	<0.072J	<0.037U
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.036U	<0.0093U	<0.055U	<0.0074U	<0.012U	<0.0073U	<0.015U	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.05U	<0.28U	<0.0068U	<0.0088U	<0.0082U	<0.036U
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.0069U	<0.0089J	<0.03U	<0.011J	<0.035U	<0.061J	<0.054U	<0.068J	0.077	<0.059J	<0.034J	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0067U	<0.06J	<0.008U	<0.036U
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.0072U	<0.0086U	<0.031U	<0.012J	<0.036U	<0.038J	<0.056U	<0.036J	<0.042J	<0.032J	<0.021J	-	<0.025U	<0.01U	<0.0081U	<0.06U	<0.051U	<0.28U	<0.0069U	<0.046J	<0.0083U	<0.037U
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.054U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0078U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.0069U	<0.0082U	<0.03U	<0.007U	<0.035U	<0.009U	<0.054U	<0.0072U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0097U	<0.0078U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.0086U	<0.008U	<0.035U
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.035U	<0.0089U	<0.053UJ	<0.0071U	<0.011U	<0.0071U	<0.014U	-	<0.023U	<0.0095U	<0.0077U	<0.057U	<0.049U	<0.27U	<0.0065U	<0.0085U	<0.0079U	<0.035U
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	0.13	<0.0083U	<0.03U	0.22	<0.035U	0.34	<0.054U	0.29	0.3	0.23	0.18	-	<0.024U	<0.0097U	<0.0078U	<0.059U	<0.05U	<0.27U	0.093	0.34	<0.055J	<0.065J
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.0068U	<0.0082U	<0.029U	<0.013J	<0.035U	<0.025J	<0.053U	<0.034J	<0.022J	<0.065J	<0.022J	-	<0.023U	<0.0096U	<0.0077U	<0.058U	<0.049U	<0.27U	<0.0066U	<0.032J	<0.037J	<0.035U
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.0089U	<0.053U	<0.052J	<0.051J	0.12	<0.014U	-	<0.023U	<0.0095U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	0.083	<0.035U
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.0072U	<0.0086U	<0.031U	<0.0074U	<0.037U	<0.0094U	<0.056U	<0.0075U	<0.012U	<0.0075U	<0.015U	-	<0.025U	<0.01U	<0.0081U	<0.061U	<0.052U	<0.28U	<0.0069U	<0.009U	<0.0084U	<0.037U
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.0077U	<0.0092U	<0.033U	<0.0079U	<0.039U	<0.024J	<0.06U	<0.021J	<0.026J	<0.019J	<0.016U	-	<0.026U	<0.011U	<0.0087U	<0.065U	<0.055U	<0.3U	<0.0074U	<0.024J	<0.0089U	<0.04U
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.007U	<0.0083U	<0.03U	<0.0071U	<0.035U	<0.0091U	<0.055U	<0.0073U	<0.011U	<0.0072U	<0.015U	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.27U	<0.0067U	<0.0087U	<0.0081U	<0.036U
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.0071U	<0.0085U	<0.03U	<0.0072U	<0.036U	<0.015J	-	<0.0074U	<0.012U	<0.0074U	<0.015U	-	<0.024U	<0.0099U	<0.008U	<0.06U	<0.051U	<0.28U	<0.0068U	<0.011J	<0.0082U	<0.036U
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.0068U	<0.0081U	<0.029U	<0.0069U	<0.034U	<0.0088U	<0.053U	<0.007U	<0.011U	<0.007U	<0.014U	-	<0.023U	<0.0094U	<0.0076U	<0.057U	<0.048U	<0.27U	<0.0065U	<0.0084U	<0.0078U	<0.035U
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.0082U	<0.0098U	<0.035U	<0.025J	<0.042U	<0.079J	<0.064U	<0.074J	0.1	<0.065J	<0.029J	-	<0.028U	<0.011U	<0.0092U	<0.069U	<0.058U	<0.32U	<0.0079U	0.1	<0.0095U	<0.042U
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.0083U	<0.0099U	<0.035U	<0.0084U	<0.042U	<0.037J	<0.065U	<0.08J	<0.073J	<0.078J	<0.042J	-	<0.028U	<0.012U	<0.0093U	<0.07U	<0.059U	<0.33U	<0.0079U	<0.056J	<0.0096U	<0.042U
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.007U	0.11	<0.03U	0.27	<0.035U	1	<0.055U	0.87	1	0.67	0.37	-	<0.024U	<0.0098U	<0.0079U	<0.059U	<0.05U	<0.28U	0.16	0.94	0.17	<0.036U
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.0073U	<0.0087U	<0.031U	<0.012J	<0.037U	<0.059J	<0.057U	<0.057J	<0.068J	<0.05J	<0.023J	-	<0.025U	<0.01U	<0.0082U	<0.061U	<0.052U	<0.29U	<0.007U	<0.053J	<0.0085U	<0.037U
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.0073U	<0.049J	<0.031U	<0.053J	<0.037U	0.18	<0.057U	0.17	0.2	0.15	0.12	-	<0.025U	<0.01U	<0.0082U	<0.21J	<0.052U	<0.29U	<0.023J	0.19	<0.045J	<0.037U
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.0067U	<0.008U	<0.029U	<0.0068U	<0.034U	<0.0087U	<0.052U	<0.0069U	<0.011U	<0.0069U	<0.014U	-	<0.023U	<0.0093U	<0.0075U	<0.056U	<0.047U	<0.26U	<0.0064U	<0.0083U	<0.0077U	<0.034U
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.013J	<0.047J	<0.032U	<0.057J	<0.038U	0.16	<0.058U	0.14	0.2	0.15	<0.069J	-	<0.025U	<0.01U	<0.0083U	<0.062U	<0.053U	<0.29U	<0.028J	0.2	<0.048J	<0.038U
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.0071U	<0.021J	<0.031U	<0.025J	<0.036U	<0.07J	<0.056U	<0.066J	<0.049J	<0.059J	<0.073J	-	<0.024U	<0.01U	<0.008U	<0.06U	<0.051U	<0.28U	<0.0068U	0.084	<0.0083U	<0.037U
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	<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	<0.087U
SSHS-CB-13	SSHS-CB-13	6/25/2019		<0.028U	<0.021U	<0.026U	<0.025U	<0.21U	<0.018U	<0.06U	<0.021U	<0.024U	<0.021U	<0.029U	-	<0.023U	<0.018U	<0.036U	<0.51U	<0.33U	<0.31U	<0.023U	<0.019U	<0.022U	<0.021U
SSHS-CB-20	SSHS-CB-20	6/24/2019		<0.09U	<0.068U	<0.085U	<0.081U	<0.68U	0.11J	<0.19U	0.12J	0.11J	0.13J	<0.094U	-	<0.075U	<0.057U	<0.12U	<1.7U	<1.1U	<1U	<0.073U	0.11J	<0.07U	<0.068U
SSHS-CB-25	SSHS-CB-25	6/24/2019		<0.093U	<0.07U	<0.087U	<0.083U	<0.7U	0.08J	<0.2U	<0.07U	<0.079U	<0.069U	<0.096U	-	<0.077U	<0.058U	<0.12U	<1.7U	<1.1U	<1U	<0.075U	<0.063U	<0.072U	<0.07U
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	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	0.071J
SSHS-CS2	SSHS-CS2	7/12/2018	9.1-9.1	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	0.28J
SSHS-FB1	B23493	6/29/2000	0.5-2	0.23J	0.16J	-	0.72	-	1.9	-	1.7	1.3	1.3	1.3	-	-	-	-	-	-	-	-	2	0.45	0.14J
SSHS-FB1	B23494	6/29/2000	6-8	<0.4U	<0.4U	-	<0.4U	-	0.041J	-	0.042J	0.044J	<0.4U	0.043J	-	-	-	-	-	-	-	-	0.052J	<0.4U	<0.4U
SSHS-FB1	B23495	6/29/2000	16-18	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	-	-	-	-	-	-	-	-	<0.41U	<0.41U	<0.41U
SSHS-FB10	B23407	6/29/2000	1-3	0.07J	0.29J	-	0.4	-	1.1	-	1.1	0.81	0.93	0.95	-	-	-	-	-	-	-	-	1.3	0.29J	0.06J
SSHS-FB11	B23408	6/29/2000	1-3	<0.39U	<0.39U	-	0.047J	-	0.11J	-	0.099J	0.11J	0.071J	0.096J	-	-	-	-	-	-	-	-	0.22J	<0.39U	0.053J
SSHS-FB2	B23496	6/29/2000	0.5-1	0.3J	0.17J	-	0.8	-	1.6	-	1.3	1.1	1	1.2	-	-	-	-	-	-	-	-	1.6	0.39J	0.28J
SSHS-FB3	B23497	6/29/2000	3-4	<0.38U	0.045J	-	0.042J	-	0.1J	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	-	0.23J	<0.38U	<0.38U
SSHS-FB4	B23498	6/29/2000	3-4	<1.1U	1.4	-	1.4	-	3.3	-	3.4	2.6	1.9	2.8	-	-	-	-	-	-	-	-	3.6	0.68J	<1.1U
SSHS-FB5	B23400	6/29/2000	6-8	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	-	-	-	-	-	-	-	-	<0.38U	<0.38U	<0.38U
SSHS-FB5	B23407T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23499	6/29/2000	2-4	<0.39U	<0.39U	-	<0.39U	-	0.05J	-	<0.39U	0.047J	<0.39U	<0.39U	-	-	-	-	-	-	-	-	0.09J	<0.39U	<0.39U
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																							VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B890	SSHS-B890-SUB-4-6	1/22/2018	4-6	-	-	-	-	-	-	<0.058U	<0.045U	-	<0.052U	-	-	-	<0.055U	-	-	<1.4U	-	-	-	<0.069U	<0.0012U	-
SSHS-B9	B23482	5/11/2000	2-3	-	-	-	-	0.28J	<0.36U	<0.36U	-	-	-	0.07J	-	<0.36U	-	-	-	<0.88U	0.038J	<0.36U	0.22J	-	<0.36U	-
SSHS-B90	SSHS-B90-0.17-2 (1)	8/13/2014	0.17-2	<0.2U	<0.2U	<0.23U	<0.19U	<0.19J	<0.048U	<0.039U	<0.041U	<0.2U	<0.13U	<0.038U	<0.14U	<0.032U	<0.15U	<0.043U	<0.17U	<0.16U	<0.089J	<0.043U	<0.21J	-	<0.00039U	-
SSHS-B90	SSHS-B90-10-15 (13)	8/13/2014	10-15	<0.039U	<0.039U	<0.045U	<0.038U	<0.0093J	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0074U	<0.027U	<0.0062U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0085U	<0.011J	-	<0.0006U	-
SSHS-B90	SSHS-B90-2-6 (4)	8/13/2014	2-6	<0.044U	<0.044U	<1 - 0.78U	<0.042U	<0.25 - 0.22J	<0.011U	<0.0085U	<0.009U	<0.043U	<0.029U	<0.16 - 0.14U	<0.03U	<0.14 - 0.16U	<0.033U	<0.0094U	<0.037U	<0.036U	<0.25 - 0.15U	<0.0095U	<0.21 - 0.32J	-	<0.00064U	-
SSHS-B90	SSHS-B90-6-10 (9)	8/13/2014	6-10	<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	<0.013U	<0.0095U	<0.0082U	-	<0.00062U	-
SSHS-B91	SSHS-91-0.17-2 (1.75)	8/13/2014	0.17-2	<0.039U	<0.039U	<0.045U	<0.038U	0.26	<0.0094U	<0.0076U	<0.008U	<0.039U	<0.026U	0.1	<0.027U	<0.066J	<0.03U	<0.0084U	<0.033U	<0.032U	0.15	<0.0085U	0.21	-	<0.00085U	-
SSHS-B91	SSHS-91-10-15 (12.5)	8/13/2014	10-15	<0.041U	<0.041U	<0.047U	<0.04U	<0.0081U	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.0078U	<0.029U	<0.0065U	<0.031U	<0.0089U	<0.035U	<0.034U	<0.012U	<0.0089U	<0.0076U	-	<0.00052U	-
SSHS-B91	SSHS-91-2-6 (5)	8/13/2014	2-6	<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	-	<0.00068U	-
SSHS-B91	SSHS-91-6-10 (8)	8/13/2014	6-10	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0092U	<0.0075U	<0.0078U	<0.038U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0082U	<0.032U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00067U	-
SSHS-B916	SSHS-B916-SUB-0-2	1/16/2018	0-2	-	-	-	-	-	-	<0.59U	<0.46U	-	<0.52U	-	-	-	<0.56U	-	-	<14U	-	-	-	<0.7U	<0.0011U	-
SSHS-B917	SSHS-B917-SUB-0-2	1/18/2018	0-2	-	-	-	-	-	-	<0.28U	<0.22U	-	<0.25U	-	-	-	<0.27U	-	-	<6.7U,F1	-	-	-	<0.34U	<0.0011U	-
SSHS-B92	SSHS-B92-0.17-2 (1)	8/12/2014	0.17-2	<0.04U	<0.04U	<0.046U	<0.039U	0.98	<0.038J	<0.0078U	<0.0082U	<0.04U	<0.026U	0.24	<0.028U	<0.031J	<0.031U	<0.0086U	<0.034U	<0.033U	0.59	<0.0087U	0.98	-	<0.00058U	-
SSHS-B92	SSHS-B92-10-16 (12)	8/12/2014	10-16	<0.04U	<0.04U	<0.046U	<0.039U	<0.0079U	<0.0098U	<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	-	<0.00054U	-
SSHS-B92	SSHS-B92-2-6 (4)	8/12/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	<0.052J	<0.0098U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.0076U	<0.028U	<0.022J	<0.031U	<0.0087U	<0.034U	<0.033U	0.081	<0.0087U	<0.072J	-	<0.00058U	-
SSHS-B92	SSHS-B92-6-10 (9)	8/12/2014	6-10	<0.049U	<0.049U	<0.056U	<0.047U	<0.0096U	<0.012U	<0.0096U	<0.01U	<0.048U	<0.032U	<0.0093U	<0.034U	<0.0077U	<0.037U	<0.011U	<0.042U	<0.04U	<0.014U	<0.011U	<0.0091U	-	<0.0006U	-
SSHS-B93	SSHS-B93-0.17-2 (1.5)	8/12/2014	0.17-2	<0.043U	<0.043U	<0.049U	<0.041U	0.63	<0.051J	<0.0083U	<0.0087U	<0.042U	<0.028U	0.23	<0.029U	<0.073J	<0.033U	<0.0092U	<0.036U	<0.035U	0.43	<0.0092U	0.52	-	<0.00057U	-
SSHS-B93	SSHS-B93-10-16 (15)	8/12/2014	10-16	<0.039U	<0.039U	<0.045U	<0.038U	<0.0076U	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.00067U	-
SSHS-B93	SSHS-B93-2-6 (5)	8/12/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	<0.02J	<0.0097U	<0.0078U	<0.0082U	<0.04U	<0.026U	<0.02J	<0.028U	<0.0063U	<0.031U	<0.0086U	<0.034U	<0.033U	<0.016J	<0.0087U	<0.021J	-	<0.0007U	-
SSHS-B93	SSHS-B93-6-10 (9.5)	8/12/2014	6-10	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0078U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.00057U	-
SSHS-B94	SSHS-B94-0.17-2 (1)	8/12/2014	0.17-2	<0.042U	<0.041U	<0.048U	<0.04U	0.89	<0.04J	<0.0081U	<0.0085U	<0.041U	<0.027U	0.19	<0.029U	<0.027J	<0.032U	<0.0089U	<0.035U	<0.034U	0.58	<0.009U	0.77	-	<0.00053U	-
SSHS-B94	SSHS-B94-10-16 (14)	8/12/2014	10-16	<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	-	<0.00056U	-
SSHS-B94	SSHS-B94-2-6 (6)	8/12/2014	2-6	<0.04U	<0.039U	<0.045U	<0.038U	0.083	<0.0095U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.056J	<0.027U	<0.019J	<0.03U	<0.0085U	<0.033U	<0.032U	<0.057J	<0.0085U	0.085	-	<0.00053U	-
SSHS-B94	SSHS-B94-6-10 (7)	8/12/2014	6-10	<0.04U	<0.04U	<0.046U	<0.038U	<0.021J	<0.0096U	<0.0078U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.022J	<0.0086U	<0.02J	-	<0.00052U	-
SSHS-B95	SSHS-B95-0.17-2 (1.5)	8/12/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.039U	<0.074J	<0.0099U	<0.008U	<0.0084U	<0.04U	<0.027U	<0.024J	<0.028U	<0.02J	<0.031U	<0.0088U	<0.035U	<0.033U	<0.057J	<0.0088U	<0.067J	-	<0.00052U	-
SSHS-B95	SSHS-B95-10-15 (11.5)	8/12/2014	10-16	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0077U	<0.0081U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0073U	-	<0.00059U	-
SSHS-B95	SSHS-B95-2-6 (4)	8/12/2014	2-6	<0.081J	<0.039U	<0.045U	<0.038U	<0.0077U	<0.0095U	<0.0077U	<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	-	<0.00056U	-
SSHS-B95	SSHS-B95-6-10 (8)	8/12/2014	6-10	<0.039U	<0.039U	<0.044U	<0.037U	<0.0076U	<0.0094U	<0.0076U	<0.0079U	<0.038U	<0.026U	<0.0073U	<0.027U	<0.0061U	<0.03U	<0.0083U	<0.033U	<0.032U	<0.011U	<0.0084U	<0.0072U	-	<0.0006U	-
SSHS-B96	SSHS-B96-0.17-2 (1.5)	8/12/2014	0.17-2	<0.04U	<0.04U	<0.045U	<0.038U	0.85	0.1	<0.0077U	<0.0081U	<0.039U	<0.026U	0.17	<0.027U	<0.044J	<0.03U	<0.0085U	<0.034U	<0.032U	0.84	<0.0086U	0.72	-	<0.00062U	-
SSHS-B96	SSHS-B96-10-15.5 (12.5)	8/12/2014	10-15.5	<0.039U	<0.039U	<0.045U	<0.038U	<0.051J	<0.0094U	<0.0076U	<0.008U	<0.038U	<0.026U	<0.033J	<0.027U	<0.0061U	<0.03U	<0.0084U	<0.033U	<0.032U	<0.051J	<0.0084U	<0.04J	-	<0.00053U	-
SSHS-B96	SSHS-B96-2-6 (4.5)	8/12/2014	2-6	<0.039U	<0.039U	<0.044U	<0.037U	<0.021J	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	0.072	<0.027U	<0.0061U	<0.029U	<0.0083U	<0.033U	<0.032U	<0.027J	<0.0084U	<0.023J	-	<0.00058U	-
SSHS-B96	SSHS-B96-6-10 (9.5)	8/12/2014	6-10	<0.041U	<0.041U	<0.047U	<0.04U	<0.021J	<0.0099U	<0.008U	<0.0084U	<0.041U	<0.027U	<0.0078U	<0.028U	<0.0065U	<0.031U	<0.0088U	<0.035U	<0.034U	<0.012U	<0.0089U	<0.02J	-	<0.00056U	-
SSHS-B97	SSHS-B97-0.17-2 (1)	8/13/2014	0.17-2	<0.044U	<0.044U	<0.05U	<0.042U	<0.046J	<0.011U	<0.0086U	<0.009U	<0.043U	<0.029U	<0.016J	<0.03U	<0.0069U	<0.033U	<0.0094U	<0.037U	<0.036U	<0.024J	<0.0095U	<0.038J	-	<0.00062U	-
SSHS-B97	SSHS-B97-10-16 (13)	8/13/2014	10-16	<0.04U	<0.04U	<0.046U	<0.038U	<0.0078U	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	<0.0075U	<0.027U	<0.0063U	<0.03U	<0.0085U	<0.034U	<0.033U	<0.012U	<0.0086U	<0.0074U	-	<0.00055U	-
SSHS-B97	SSHS-B97-2-6 (5)	8/13/2014	2-6	<0.04U	<0.04U	<0.046U	<0.039U	<0.017J	<0.0098U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.0076U	<0.028U	<0.014J	<0.031U	<0.0087U	<0.034U	<0.033U	<0.014J	<0.0087U	<0.016J	-	<0.00064U	-
SSHS-B97	SSHS-B97-6-10 (8)	8/13/2014	6-10	<0.038U	<0.038U	<0.044U	<0.037U	<0.0075U	<0.0093U	<0.0075U	<0.0079U	<0.038U	<0.025U	<0.0072U	<0.027U	<0.0061U	<0.029U	<0.0082U	<0.033U	<0.031U	<0.011U	<0.0083U	<0.0071U	-	<0.00055U	-
SSHS-B98	SSHS-B98-0.17-2 (1)	8/13/2014	0.17-2	<0.047U	<0.047U	<0.054U	<0.045U	0.14	<0.011U	<0.0091U	<0.0096U	<0.046U	<0.031U	<0.053J	<0.032U	<0.0074U	<0.036U	<0.01U	<0.04U	<0.038U	0.087	<0.01U	0.12	-	<0.00077U	-
SSHS-B98	SSHS-B98-10-12 (12)	8/13/2014	10-12	<0.047U	<0.047U	<0.054U	<0.045U	<0.066J	<0.011U	<0.0092U	<0.0096U	<0.046U	<0.031U	<0.064J	<0.033U	<0.0074U	<0.036U	<0.01U	<0.04U	<0.039U	<0.014U	<0.01U	<0.063J	-	<0.00065U	-
SSHS-B98	SSHS-B98-2-6 (3.5)	8/13/2014	2-6	<0.04U	<0.04U	<0.046U	<0.038U	2.1	<0.0096U	<0.0078U	<0.0082U	<0.039U	<0.026U	0.58	<0.027U	<0.035J	<0.03U	<0.0085U	<0.034U	<0.033U	0.8	<0.0086U	1.8	-	<0.00057U	-
SSHS-B98	SSHS-B98-6-10 (7.5)	8/13/2014	6-10	<0.042U	<0.041U	<0.048U	<0.04U	0.11	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	<0.04J	<0.029U	<0.0066U	<0.032U	<0.0089U	<0.035U	<0.034U	<0.037J	<0.009U	0.088	-	<0.00066U	-
SSHS-B99	SSHS-B99-0.17-2 (1)	8/13/2014	0.17-2	<0.041U	<0.041U	<0.047U	<0.04U	0.4	<0.01U	<0.0081U	<0.0085U	<0.041U	<0.027U	0.13	<0.028U	<0.0065U	<0.031U	<0.0089U	<0.035U	<0.034U	0.21	<0.0089U	0.29	-	<0.00055U	-
SSHS-B99	SSHS-B99-10-14.5 (12)	8/13/2014	10-14.5	<0.038U	<0.038U	<0.044U	<0.037U	<0.0074U	<0.0092U	<0.0074U	<0.0078U	<0.037U	<0.025U	<0.0072U	<0.026U	<0.006U	<0.029U	<0.0081U	<0.032U	<0.031U	<0.011U	<0.0082U	<0.007U	-	<0.00054U	-
SSHS-B99	SSHS-B99-2-6 (4)	8/13/2014	2-6	<0.042U	<0.042U	<0.07J	<0.041U	0.31	<0.01U	<0.0082U	<0.0086U	<0.042U	<0.028U	0.12	<0.029U	<0.051J	<0.032U	<0.009U	<0.036U	<0.034U	0.22	<0.0091U	0.25	-	<0.00054U	-
SSHS-B99	SSHS-B99-6-10 (8)	8/13/2014	6-10	<0.041U	<0.04U	<0.047U	<0.039U	0.13	<0.0098U	<0.0079U	<0.0083U	<0.04U	<0.027U	<0.053J	<0.028U	<0.0064U	<0.031U	<0.0087U	<0.034U	<0.033U	0.076	<0.0088U	0.11	-	<0.00049U	-
SSHS-BSW-001	EBSW-10-12	7/12/2018	10-12	<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-CB-13	SSHS-CB-13	6/25/2019		<0.17U	<0.018U	<0.21U	<0.28U	<0.026U	<0.019U	<0.035U	<0.028U	<0.049U	<0.025U	<0.02U	<0.025U	<0.019U	<0.18U	<0.033U	<0.16U	<0.78U	<0.026U	<0.15U	<0.023U	-	-	-
SSHS-CB-20	SSHS-CB-20	6/24/2019		<0.55U	<0.057U	<0.68U	<0.91U	0.16J	<0.061U	<0.11U	<0.091U	<0.16U	<0.081U	0.082J	<0.08U	<0.061U	<0.57U	<0.11U	<0.52U	<2.5U	<0.084U	<0.47U	0.15J	-	-	-
SSHS-CB-25	SSHS-CB-25	6/24/2019		<0.56U	<0.058U	<0.7U	<0.94U	<0.085U	<0.063U	<0.12U	<0.094U	<0.16U	<0.083U	<0.065U	<0.082U	<0.063U	<0.59U	<0.11U	<0.54U	<2.6U	<0.086U	<0.49U	0.082J	-	-	-
SSHS-CS1	SSHS-CS1	7/12/2018	10.3-10.3	<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-CS2	SSHS-CS2	7/12/2018	9.1-9.1	<0.43U	<0.064U	<0.77U	<1U	4.3	0.24J	<0.13U	<0.1U	<0.09U	<0.091U	1.2	<0.09U	0.21J	<0.65U	<0.12U	<0.59U	<2.8U	1	<0.54U	3.4	-	-	-
SSHS-FB1	B23493	6/29/2000	0.5-2	-	-	-	-	3.6	0.2J	<0.38U	-	-	-	1.3	-	0.1J	-	-	-	<1.9U	2.8	<0.38U	2.9	-	<0.38U	-
SSHS-FB1	B23494	6/29/2000	6-8	-	-	-	-	0.053J	<0.4U	<0.4U	-	-	-	<0.4U	-	<0.4U	-	-	-	<2U	<0.4U	<0.4U	0.06J	-	<0.4U	-
SSHS-FB1	B23495	6/29/2000	16-18	-	-	-	-	<0.41U	<0.41U	<0.41U	-	-	-	<0.41U	-	<0.41U	-	-	-	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-FB10	B23407	6/29/2000	1-3	-	-	-	-	1.8	0.071J	<0.39U	-	-	-	0.84	-	0.11J	-	-	-	<2U	1.1	<0.39U	1.7	-	<0.39U	-
SSHS-FB11	B23408	6/29/2000	1-3	-	-	-	-	0.28J	<0.39U	<0.39U	-	-	-	0.067J	-	0.14J	-	-	-	<20U	0.37J	<0.39U	0.18J	-	<0.39U	-
SSHS-FB2	B23496	6/29/2000	0.5-1	-	-	-	-	3.1	0.31J	<0.4U	-	-	-	0.99	-	0.36J	-	-	-	<2.1U	2.8	<0.4U	2.9	-	<0.4U	-
SSHS-FB3	B23497	6/29/2000	3-4	-	-	-	-	0.12J	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<2U	0.1J	<0.38U	0.12J	-	<0.38U	-
SSHS-FB4	B23498	6/29/2000	3-4	-	-	-	-	5.6	<1.1U	<1.1U	-	-	-	1.9	-	0.37J	-	-	-	<5.8U	1.5	<1.1U	4.8	-	<1.1U	-
SSHS-FB5	B23400	6/29/2000	6-8	-	-	-	-	<0.38U	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<2U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-FB5	B23407T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23499	6/29/2000	2-4	-	-	-	-	0.083J	<0.39U	<0.39U	-	-	-	<0.39U	-	0.44	-	-	-	<2U	0.12J	<0.39U	0.058J	-	<0.39U	-
SSHS-FB5-A	SSHS-FB5-A-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00075U	-
SSHS-FB5-A	SSHS-FB5-A-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00052U	-
SSHS-FB5-B	SSHS-FB5-B-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00059U	-
SSHS-FB5-B	SSHS-FB5-B-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00056U	-
SSHS-FB5-C	SSHS-FB5-C-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00072U	-
SSHS-FB5-C	SSHS-FB5-C-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	<0.0005U	<0.00047U	<0.00054U	<0.0011U	<0.00057U	-	<0.00036U	<0.00053U	<0.00061U	<0.00042U	<0.00062U	<0.00055U	<0.00045U	-	<0.0004U	<0.00051U	<0.00041U	<0.00033U	<0.00033U	<0.00052U	<0.0011U	<0.00043U
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	<0.00082U	<0.00079U	<0.00089U	<0.0018U	<0.00095U	-	<0.00059U	<0.00088U	<0.001U	<0.0007U	<0.001U	<0.00091U	<0.00075U	-	<0.00066U	<0.00084U	<0.00069U	<0.00054U	<0.00055U	<0.00087U	<0.0019U	<0.00071U
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	<0.00067U	<0.00064U	<0.00073U	<0.0015U	<0.00078U	-	<0.00048U	<0.00072U	<0.00083U	<0.00057U	<0.00084U	<0.00075U	<0.00061U	-	<0.00054U	<0.00069U	<0.00056U	<0.00044U	<0.00044U	<0.00071U	<0.0015U	<0.00058U
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	<0.00061U	<0.00058U	<0.00066U	<0.0013U	<0.0007U	-	<0.00044U	<0.00065U	<0.00075U	<0.00052U	<0.00077U	<0.00068U	<0.00055U	-	<0.00049U	<0.00062U	<0.00051U	<0.0004U	<0.0004U	<0.00064U	<0.0014U	<0.00053U
SSHS-FB6	B23401	6/29/2000	1-2	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	0.011	-	-	<0.006U	<0.006U	-	0.014	-	-	-	-	-	<0.006U	-	-	0.0018J
SSHS-FB6	B23402	6/29/2000	17-19	<0.028U	<0.028U	<0.028U	<0.028U	<0.028U	-	<0.028U	-	-	<0.028U	<0.028U	-	<0.028U	-	-	-	-	-	<0.028U	-	-	<0.028U
SSHS-FB6	B23404	6/29/2000	1-3	0.0013J	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	0.0025J
SSHS-FB6	B23405	6/29/2000	4-6	<0.029U	<0.029U	<0.029U	0.0096J	<0.029U	-	<0.029U	-	-	<0.029U	<0.029U	-	<0.029U	-	-	-	-	-	<0.029U	-	-	<0.029U
SSHS-FB6	B23406T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB7	B23403	6/29/2000	1-3	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<0.0061U	<0.0061U	-	<0.0061U	-	-	-	-	-	<0.0061U	-	-	<0.0061U
SSHS-FB9	B23406	6/29/2000	1-2	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	-	<0.0062U	-	-	<0.0062U
SSHS-MW11D	11D	5/1/2003	18-20	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	<0.014U	-	<0.014U	-	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	<0.014U	-	<0.014U	-	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	<0.76U	<0.5U	<0.91U	<0.49U	<0.73U	<1.1U	<0.27U	<0.99U	<0.7U	<0.28U	<0.36U	<1.1U	<0.28U	19J	<0.47U	<0.36U	<0.5U	<1.1U	<0.34U	<0.62U	<0.53U	<0.31U
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	<0.8U	<0.52U	<0.96U	<0.51U	<0.76U	<1.2U	<0.28U	<1U	<0.74U	<0.3U	<0.38U	<1.2U	<0.29U	8.4	<0.49U	<0.38U	<0.53U	<1.2U	<0.36U	<0.65U	<0.56U	<0.33U
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	<1.2U	<0.78U	<1.4U	<0.76U	<1.1U	<1.8U	<0.42U	<1.6U	<1.1U	<0.44U	<0.57U	<1.8U	<0.44U	13	<0.73U	<0.56U	<0.79U	<1.8U	<0.54U	<0.97U	<0.84U	<0.49U
SSHS-MWD	10-MWD	5/6/2003	2-4	<1.4U	16	3.8	<55U	<22U	-	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U	-	<1.4U	-	<1.4U	-	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P1	P1-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P2	SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	0.004	0.0089	0.0056	-	-	0.051	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	<0U	<0U	<0U	-	-	<0U	<0U	-	-	<0U	<0U	-	<0U	-	-	-	-	-	<0U	-	-	<0U
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-16_8_20	SS-16 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B10	B23463	5/10/2000	0-0.25	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	-	-	<0.0071U	<0.0071U	-	<0.0071U	-	-	-	-	-	<0.0071U	-	-	<0.0071U
SSHS-B11	B23462	5/10/2000	0-0.25	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-	<0.0065U
SSHS-B12	B23467	5/10/2000	0-0.25	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	-	-	<0.0064U	<0.0064U	-	<0.0064U	-	-	-	-	-	<0.0064U	-	-	<0.0064U
SSHS-B13	B23465	5/10/2000	0-0.25	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	-	<0.0067U	<0.0067U	-	<0.0067U	-	-	-	-	-	<0.0067U	-	-	<0.0067U
SSHS-B14	B23471	5/10/2000	0-0.25	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-	0.0029J
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-B15	B23408T2	7/11/2000	0-0.25	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<0.0061U	<0.0061U	-	<0.0061U	-	-	-	-	-	<0.0061U	-	-	<0.0061U
SSHS-B15	B23455	5/10/2000	0-0.25	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-	<0.0065U
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B23447	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	-	-	0.0014J
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	<0.00063U	<0.00052U	<0.0005U	<0.00049U	0.069	<0.0005U	<0.00044U	<0.00044U	<0.00035U	<0.00062U	<0.00065U	<0.00059U	<0.00048U	<0.00056U	<0.00064U	<0.00054U	<0.00049U	<0.00068U	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	<0.001U	<0.00086U	<0.00083U	<0.00082U	0.2	<0.00083U	<0.00073U	<0.00073U	<0.00057U	<0.001U	<0.0011U	<0.00097U	<0.0008U	<0.00093U	<0.0011U	<0.0009U	<0.00081U	<0.0011U	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	<0.00085U	<0.0007U	<0.00067U	<0.00067U	<0.0028J	<0.00068U	<0.00059U	<0.0006U	<0.00047U	<0.00084U	<0.00088U	<0.00079U	<0.00065U	<0.00075U	<0.00086U	<0.00074U	<0.00066U	<0.00091U	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	<0.00077U	<0.00064U	<0.00061U	<0.00061U	<0.0015J	<0.00062U	<0.00054U	<0.00054U	<0.00042U	<0.00076U	<0.0008U	<0.00072U	<0.00059U	<0.00068U	<0.00078U	<0.00067U	<0.0006U	<0.00083U	-	-	-	-
SSHS-FB6	B23401	6/29/2000	1-2	-	<0.006U	-	<0.006U	0.14	0.025	<0.006U	-	<0.006U	-	-	<4U	<4U	<0.006U	-	-	-	-	-	-	-	-
SSHS-FB6	B23402	6/29/2000	17-19	-	<0.028U	-	<0.028U	<0.028U	0.026J	<0.028U	-	<0.028U	-	-	<0.37U	<0.37U	<0.028U	-	-	-	-	-	-	-	-
SSHS-FB6	B23404	6/29/2000	1-3	-	<0.0056U	-	0.0015J	0.011	0.017	<0.0056U	-	<0.0056U	-	-	<0.37U	<0.37U	<0.0056U	-	-	-	-	-	-	-	-
SSHS-FB6	B23405	6/29/2000	4-6	-	<0.029U	-	<0.029U	0.0073J	0.15	<0.029U	-	<0.029U	-	-	<3.9U	<3.9U	<0.029U	-	-	-	-	-	-	-	-
SSHS-FB6	B23406T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	<0.38U	<0.38U	-	-	-	-	-	-	-	-	-
SSHS-FB7	B23403	6/29/2000	1-3	-	<0.0061U	-	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<0.4U	<0.4U	<0.0061U	-	-	-	-	-	-	-	-
SSHS-FB9	B23406	6/29/2000	1-2	-	<0.0062U	-	<0.0062U	<0.0062U	0.03	<0.0062U	-	<0.0062U	-	-	<0.41U	<0.41U	<0.0062U	-	-	-	-	-	-	-	-
SSHS-MW11D	11D	5/1/2003	18-20	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	-	-	-	<0.014U	-	-	-	-	-	-	-	-
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	<0.014U	-	-	-	-	<0.014U	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	<0.66U	19J	<0.55U	<0.14U	14J	<0.31U	0.29J	<0.6U	<0.64U	<1U	<1U	<0.81U	<0.74U	<0.56U	<0.53U	<0.43U	<0.74UJ	<0.74U	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	<0.7U	8.4	<0.58U	<0.15U	16	<0.33U	<0.27U	<0.63U	<0.67U	<1.1U	<1.1U	<0.86U	<0.78U	<0.59U	<0.56U	<0.45U	<0.77UJ	<0.78U	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	<1U	13J	<0.86U	<0.22U	51J	<0.49U	<0.4U	<0.94U	<1U	<1.6U	<1.6U	<1.3U	<1.2U	<0.87U	<0.84U	<0.68U	<1.2U	<1.2U	-	-	-	-
SSHS-MWD	10-MWD	5/6/2003	2-4	<1.4U	<1.4U	<1.4U	<1.4U	0.37J	<1.4U	<1.4U	<1.4U	<1.4U	-	<38U	<38U	<38U	<1.4U	-	-	-	-	-	-	-	-
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P1	P1-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P2	SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	-	<0U	-	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	-	<0U	-	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	-	<0U	-	0.0014	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	-	<0U	-	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	0.079	0.079
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	-	<0U	-	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	-	<0U	-	0.0014	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	-	<0U	-	<0U	0.0028	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	-	<0U	-	<0U	0.0016	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	-	<0U	-	<0U	0.00085	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	-	<0U	-	0.0017	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	-	<0U	-	<0U	0.0012	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	-	<0U	-	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	-	-	-	-	<0U	-	<0U	<0U
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-16_8_20	SS-16 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B10	B23463	5/10/2000	0-0.25	-	<0.0071U	-	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	-	-	<0.47U	<0.47U	<0.0071U	-	-	-	-	-	-	-	-
SSHS-B11	B23462	5/10/2000	0-0.25	-	<0.0065U	-	<0.0065U	<0.0065U	0.0089	<0.0065U	-	<0.0065U	-	-	<0.43U	<0.43U	<0.0065U	-	-	-	-	-	-	-	-
SSHS-B12	B23467	5/10/2000	0-0.25	-	<0.0064U	-	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	-	-	<0.42U	<0.42U	<0.0064U	-	-	-	-	-	-	-	-
SSHS-B13	B23465	5/10/2000	0-0.25	-	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	-	<4.4U	<4.4U	<0.0067U	-	-	-	-	-	-	-	-
SSHS-B14	B23471	5/10/2000	0-0.25	-	<0.0065U	-	<0.0065U	<0.0065U	0.025	<0.0065U	-	<0.0065U	-	-	<0.43U	<0.43U	<0.0065U	-	-	-	-	-	-	-	-
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	-	<0.0057U	-	<0.0057U	0.0016J	0.0011J	<0.0057U	-	<0.0057U	-	-	-	-	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B15	B23408T2	7/11/2000	0-0.25	-	<0.0061U	-	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	-	-	<0.0061U	-	-	-	-	-	-	-	-
SSHS-B15	B23455	5/10/2000	0-0.25	-	<0.0065U	-	<0.0065U	<0.0065U	0.016	<0.0065U	-	<0.0065U	-	-	<0.43U	<0.43U	<0.0065U	-	-	-	-	-	-	-	-
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B23447	5/9/2000	0-0.25	-	<0.006U	-	<0.006U	<0.006U	0.0089	<0.006U	-	<0.006U	-	-	<0.4U	<0.4U	<0.006U	-	-	-	-	-	-	-	-
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	<0.0005U	-	-	-	-	<0.00052U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	<0.00083U	-	-	-	-	<0.00086U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	<0.00068U	-	-	-	-	<0.0007U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	<0.00061U	-	-	-	-	<0.00064U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23401	6/29/2000	1-2	-	-	-	-	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	-	-	-	-	<0.02U	<0.02U	<0.04U	<0.02U	<0.02U	<0.04U	<0.04U
SSHS-FB6	B23402	6/29/2000	17-19	-	-	-	-	-	-	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	-	-	-	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-FB6	B23404	6/29/2000	1-3	-	-	-	-	-	-	-	<0.019U	<0.019U	<0.019U	<0.019U	-	-	-	-	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.037U	<0.037U
SSHS-FB6	B23405	6/29/2000	4-6	-	-	-	-	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	-	-	-	-	<0.02U	<0.02U	<0.039U	<0.02U	<0.02U	<0.039U	<0.039U
SSHS-FB6	B23406T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB7	B23403	6/29/2000	1-3	-	-	-	-	-	-	-	<0.021U	<0.021U	<0.021U	<0.021U	-	-	-	-	<0.021U	<0.021U	<0.04U	<0.021U	<0.021U	<0.04U	<0.04U
SSHS-FB9	B23406	6/29/2000	1-2	-	-	-	-	-	-	-	<0.021U	<0.021U	<0.021U	<0.021U	-	-	-	-	<0.021U	<0.021U	<0.041U	<0.021U	<0.021U	<0.041U	<0.041U
SSHS-MW11D	11D	5/1/2003	18-20	-	-	-	-	-	<0.014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	-	-	-	-	-	<0.014U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	<0.86U	-	-	-	-	<0.59U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	<0.91U	-	-	-	-	<0.62U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	<1.4U	-	-	-	-	<0.92U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MWD	10-MWD	5/6/2003	2-4	-	-	-	-	-	<1.4U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P1	P1-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-P2	SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	0.0047	0.012	<0U	<0U	<0U
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	0.0043	0.0075	0.0075	0.0034	0.0044	-	<0U	0.005	<0U	<0U	<0U	-	0.0042	-	-	<0U	-	<0U	<0U	-	<0U	-
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	0.0065	<0U	<0U	<0U	<0U
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	0.069	0.12	<0U	<0U	<0U	<0U
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	<0U	<0U	<0U	<0U	<0U
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	<0U	<0U	<0U	<0U	<0U	-	<0U	<0U	<0U	<0U	<0U	-	<0U	-	-	<0U	<0U	0.0058	-	<0U	<0U	<0U
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS-16_8_20	SS-16 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B10	B23463	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	-	-	-	<0.0024U	<0.0024U	<0.0047U	<0.0024U	<0.0024U	<0.0047U	<0.0047U
SSHS-B11	B23462	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043U	<0.0043U
SSHS-B12	B23467	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0042U	<0.0022U	<0.0022U	<0.0042U	<0.0042U
SSHS-B13	B23465	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0023U	<0.0023U	<0.0023U	<0.0023U	-	-	-	-	<0.0023U	<0.0023U	<0.0044U	<0.0023U	<0.0023U	<0.0044U	<0.0044U
SSHS-B14	B23471	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0043U	0.029	<0.0022U	<0.0043U	<0.0043U
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23408T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23455	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043U	<0.0043U
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B23447	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.004U	<0.002U	<0.002U	<0.004U	<0.004U
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	<0.00065U	<0.00051U	<0.00048U	<0.0037U	<0.00065J	<0.00027U	<0.00055U	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	<0.0011U	<0.00084U	<0.0008U	<0.0061U	<0.00063U	<0.00045U	<0.00091U	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	<0.00088U	<0.00069U	<0.00065U	<0.005U	<0.00051U	<0.00037U	<0.00074U	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	<0.0008U	<0.00062U	<0.00059U	<0.0045U	<0.0016J	<0.00034U	<0.00068U	-	-	-	-	-	-
SSHS-FB6	B23401	6/29/2000	1-2	<0.02U	-	-	-	<0.02U	-	-	-	958.6	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23402	6/29/2000	17-19	<0.0019U	-	-	-	<0.0019U	-	-	-	0.31	0.014J	-	-	0.053J	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23404	6/29/2000	1-3	<0.019U	-	-	-	<0.019U	-	-	-	1.777	0.035	-	-	0.17	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23405	6/29/2000	4-6	<0.02U	-	-	-	<0.02U	-	-	-	4.49	0.19	-	-	0.83	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23406T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	10.82	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB7	B23403	6/29/2000	1-3	<0.021U	-	-	-	<0.021U	-	-	-	7.864	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-FB9	B23406	6/29/2000	1-2	<0.021U	-	-	-	<0.021U	-	-	-	12.71	<0.012U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-MW11D	11D	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	<0.028U	<0.028U	<0.028U	<0.057U	0.0034J	-	-	-	-	-	-	-	-
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	<0.028U	<0.028U	<0.028U	<0.057U	<0.028U	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	-	-	-	-	-	-	-	-	-	<0.75U	<1U	<0.89U	<2.6UJ	<0.53U	<0.37U	<0.63U	-	-	<6.3U	-	-	-
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	-	-	-	-	-	-	-	-	-	<0.79U	<1.1U	<0.94U	<2.7UJ	<0.56U	<0.39U	<0.66U	-	-	<6.6U	-	-	-
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	-	-	-	-	-	-	-	-	-	<1.2U	<1.6U	<1.4U	<4UJ	<0.83U	<0.58U	<0.98U	-	-	<9.9U	-	-	-
SSHS-MWD	10-MWD	5/6/2003	2-4	-	-	-	-	-	-	-	-	22.8	0.48J	<2.9U	<2.9U	<5.7U	<2.9U	-	-	-	-	-	<38U	<38U	
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	0.1375	-	-	-	-	-	-	-	<0.015U	<0.015U	<0.11U	<0.15U	<0.025U	<0.019U
SSHS-P1	P1-10-12	7/12/2018	10-12	-	-	-	-	-	-	-	-	3.75	-	-	-	-	-	-	-	<0.16U	<0.16U	<1.2U	<1.6U	<0.27U	<0.2U
SSHS-P2	SSHS-P2	7/12/2018	7.7-7.7	-	-	-	-	-	-	-	-	3.527	-	-	-	-	-	-	-	<0.044U	<0.046U	<0.33U	<0.44UJ	<0.076U	<0.058U
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	<0U	-	-	<0U	<0U	-	-	-	1.505	<0U	-	-	0.0095	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	<0U	-	-	<0U	<0U	-	-	-	9.606	<0U	-	-	<0U	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	<0U	-	-	<0U	<0U	-	-	-	0.549	<0U	-	-	0.011	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	<0U	-	-	<0U	<0U	-	-	-	0.0071	0.023	-	-	0.11	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	<0U	-	-	<0U	<0U	-	-	-	1.321	<0U	-	-	0.023	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	<0U	-	-	<0U	<0U	-	-	-	0.18	<0U	-	-	0.016	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	<0U	-	-	<0U	<0U	-	-	-	0.836	<0U	-	-	<0U	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	<0U	-	-	<0U	<0U	-	-	-	0.164	<0U	-	-	<0U	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	<0U	-	-	<0U	<0U	-	-	-	1.2	<0U	-	-	0.025	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	<0U	-	-	<0U	<0U	-	-	-	1.475	<0U	-	-	0.021	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	<0U	-	-	<0U	<0U	-	-	-	47.89	<0U	-	-	0.0094	-	-	<0U	-	-	<0U	-	-	-
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	<0U	-	-	<0U	<0U	-	-	-	91.34	<0U	-	-	<0U	-	-	<0U	-	-	<0U	-	-	-
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	0.2115	-	-	-	-	-	-	-	<0.016U	<0.017U	<0.12U	<0.16U	<0.028U	<0.021U
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	<0.267	-	-	-	-	-	-	-	<0.016U	<0.017U	<0.12U	<0.16U	<0.028U	<0.021U
SSHS-SS-16_8_20	SS-16 (10-12) 20180820	8/20/2018	10-12	-	-	-	-	-	-	-	-	0.154	-	-	-	-	-	-	-	<0.018U	<0.018U	<0.13U	<0.18U	<0.03U	<0.023U
SSHS-B10	B23463	5/10/2000	0-0.25	<0.0024U	-	-	-	<0.0024U	-	-	-	<0	<0.014U	-	-	<0.028U	-	-	-	-	-	-	-	-	-
SSHS-B11	B23462	5/10/2000	0-0.25	<0.0022U	-	-	-	<0.0022U	-	-	-	<0	<0.013U	-	-	0.0066J	-	-	-	-	-	-	-	-	-
SSHS-B12	B23467	5/10/2000	0-0.25	<0.0022U	-	-	-	<0.0022U	-	-	-	<0	<0.013U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B13	B23465	5/10/2000	0-0.25	<0.0023U	-	-	-	<0.0023U	-	-	-	5.56	<0.013U	-	-	<0.027U	-	-	-	-	-	-	-	-	-
SSHS-B14	B23471	5/10/2000	0-0.25	<0.0022U	-	-	-	<0.0022U	-	-	-	<0	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B15	B23408T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B15	B23455	5/10/2000	0-0.25	<0.0022U	-	-	-	<0.0022U	-	-	-	1.803	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.217	-	-	-	-	-	-	-	<0.024U	<0.019U	<0.021U	<0.41U	<0.096U	<0.089U
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.425	-	-	-	-	-	-	-	<0.023U	<0.019U	<0.02U	<0.39U	<0.092U	<0.086U
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.483	-	-	-	-	-	-	-	<0.023U	<0.019U	<0.02U	<0.4U	<0.093U	<0.087U
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.2985	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.02U	<0.38U	<0.09U	<0.084U
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.3005	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.02U	<0.38U	<0.09U	<0.084U
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.2882	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.019U	<0.37U	<0.088U	<0.081U
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.2415	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.019U	<0.38U	<0.089U	<0.083U
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.4987	-	-	-	-	-	-	-	<0.021U	<0.017U	<0.018U	<0.36U	<0.085U	<0.079U
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.5236	-	-	-	-	-	-	-	<0.02U	<0.016U	<0.017U	<0.34U	<0.079U	<0.074U
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.793	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.022U	<0.42U	<0.099U	<0.092U
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.6008	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U,F1	<0.098U	<0.09U
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.3232	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.02U	<0.38U	<0.09U	<0.084U
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.5599	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.42U	<0.098U	<0.091U
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.34	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.44U	<0.1U	<0.095U
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.1505	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.43U	<0.1U	<0.094U
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	1.083	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.097U	<0.09U
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	0.9768	-	-	-	-	-	-	-	<0.023U	<0.019U	<0.02U	<0.39U	<0.092U	<0.086U
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	1.049	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.43U	<0.1U	<0.095U
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.3475	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.43U	<0.1U	<0.094U
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	-	-	-	-	0.111	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B23447	5/9/2000	0-0.25	<0.002U	-	-	-	<0.002U	-	-	-	0.111	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	1.096	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.097U	<0.09U
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	1.014	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.44U	<0.1U	<0.096U
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	0.3627	-	-	-	-	-	-	-	<0.03U	<0.025U	<0.027U	<0.52U	<0.12U	<0.11U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23401	6/29/2000	1-2	-	-	-	-	-	-	-	-	<4U	-	-	-	-	-	-	-	-	-	-	<4U	-	-
SSHS-FB6	B23402	6/29/2000	17-19	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-FB6	B23404	6/29/2000	1-3	-	-	-	-	-	-	-	-	<0.37U	-	-	-	-	-	-	-	-	-	-	<0.37U	-	-
SSHS-FB6	B23405	6/29/2000	4-6	-	-	-	-	-	-	-	-	<3.9U	-	-	-	-	-	-	-	-	-	-	<3.9U	-	-
SSHS-FB6	B23406T3	8/14/2000	1-1.5	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-FB7	B23403	6/29/2000	1-3	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-FB9	B23406	6/29/2000	1-2	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-MW11D	11D	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MWD	10-MWD	5/6/2003	2-4	<38U	<38U	<190U	<38U	<38U	<38U	<38U	<38U	<38U	<190U	<38U	<38U	<38U	<190U	<190U	<38U	<38U	<38U	<38U	-	<190U	<190U
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	<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	<0.25U
SSHS-P1	P1-10-12	7/12/2018	10-12	<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	<2.6U
SSHS-P2	SSHS-P2	7/12/2018	7.7-7.7	<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	<0.74U
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	-	-	-	-	-	-	-	-	<0U	-	-	-	-	-	-	-	-	-	-	<0U	-	-
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	<0.03U	<0.024U	<1.1U	<0.019U	<0.024U	<0.018U	<0.018U	0.019J	<0.11U	<0.18U	<0.022U	-	<0.37U	<0.1U	<0.68U	<0.027U	<0.018U	<0.013U	<0.024U	<0.11U	<0.019U	<0.27U
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	<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	<0.27U
SSHS-SS-16_8_20	SS-16 (10-12) 20180820	8/20/2018	10-12	<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	<0.3U
SSHS-B10	B23463	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.47U	-	-	-	-	-	-	-	-	-	-	<0.47U	-	-
SSHS-B11	B23462	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.43U	-	-	-	-	-	-	-	-	-	-	<0.43U	-	-
SSHS-B12	B23467	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.42U	-	-	-	-	-	-	-	-	-	-	<0.42U	-	-
SSHS-B13	B23465	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<4.4U	-	-	-	-	-	-	-	-	-	-	<4.4U	-	-
SSHS-B14	B23471	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.43U	-	-	-	-	-	-	-	-	-	-	<0.43U	-	-
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23408T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23455	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.43U	-	-	-	-	-	-	-	-	-	-	<0.43U	-	-
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	<0.061U	<0.056U	<0.2U	<0.086U	<0.078U	<0.019U	<0.014U	0.014	<0.043U	<0.056U	<0.018U	<0.04U	<0.06U	<0.068U	<0.11U	<0.019U	<0.063U	<0.042U	<0.019U	-	<0.083U	<0.13U
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	<0.059U	<0.054U	<0.19U	<0.083U	<0.075U	<0.019U	<0.013U	0.02	<0.041U	<0.054U	<0.017U	<0.039U	<0.058U	<0.066U	<0.11U	<0.019U	<0.06U	<0.04U	<0.019U	-	<0.08U	<0.13U
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	<0.06U	<0.054U	<0.19U	<0.084U	<0.076U	<0.019U	<0.014U	0.022	<0.042U	<0.054U	<0.018U	<0.039U	<0.058U	<0.066U	<0.11U	<0.019U	<0.061U	<0.041U	<0.019U	-	<0.081U	<0.13U
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	<0.058U	<0.052U	<0.19U	<0.081U	<0.073U	<0.018U	<0.013U	0.0098	<0.041U	<0.052U	<0.017U	<0.038U	<0.056U	<0.064U	<0.1U	<0.018U	<0.059U	<0.039U	<0.018U	-	<0.079U	<0.12U
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	<0.058U	<0.052U	<0.19U	<0.081U	<0.073U	<0.018U	<0.013U	0.008J	<0.041U	<0.052U	<0.017U	<0.038U	<0.056U	<0.064U	<0.1U	<0.018U	<0.059U	<0.039U	<0.018U	-	<0.079U	<0.12U
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	<0.056U	<0.051U	<0.18U	<0.079U	<0.071U	<0.018U	<0.013U	0.017	<0.039U	<0.051U	<0.016U	<0.037U	<0.055U	<0.062U	<0.1U	<0.018U	<0.057U	<0.038U	<0.018U	-	<0.076U	<0.12U
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	<0.057U	<0.052U	<0.18U	<0.08U	<0.073U	<0.018U	<0.013U	0.012	<0.04U	<0.052U	<0.017U	<0.038U	<0.056U	<0.064U	<0.1U	<0.018U	<0.058U	<0.039U	<0.018U	-	<0.078U	<0.12U
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	<0.054U	<0.049U	<0.17U	<0.076U	<0.069U	<0.017U	<0.012U	0.017	<0.038U	<0.049U	<0.016U	<0.036U	<0.053U	<0.06U	<0.098U	<0.017U	<0.055U	<0.037U	<0.017U	-	<0.074U	<0.12U
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	<0.051U	<0.046U	<0.16U	<0.071U	<0.064U	<0.016U	<0.011U	<0.00057U	<0.036U	<0.046U	<0.015U	<0.033U	<0.049U	<0.056U	<0.092U	<0.016U	<0.052U	<0.034U	<0.016U	-	<0.069U	<0.11U
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	<0.063U	<0.057U	<0.2U	<0.089U	<0.08U	<0.02U	<0.014U	0.026	<0.044U	<0.057U	<0.019U	<0.042U	<0.062U	<0.07U	<0.11U	<0.02U	<0.065U	<0.043U	<0.02U	-	<0.086U	<0.13U
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	<0.062U	<0.057U	<0.2U	<0.088U	<0.079U	<0.02U	<0.014U	0.018	<0.044U	<0.057U	<0.018U	<0.041U	<0.061U,F1	<0.069U	<0.11U	<0.02U	<0.064U	<0.042U	<0.02U	-	<0.085U	<0.13U
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	<0.058U	<0.052U	<0.19U	<0.081U	<0.073U	<0.018U	<0.013U	0.015	<0.041U	<0.052U	<0.017U	<0.038U	<0.056U	<0.064U	<0.1U	<0.018U	<0.059U	<0.039U	<0.018U	-	<0.078U	<0.12U
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	<0.063U	<0.057U	<0.2U	<0.088U	<0.08U	<0.02U	<0.014U	0.018	<0.044U	<0.057U	<0.019U	<0.041U	<0.061U	<0.07U	<0.11U	<0.02U	<0.064U	<0.043U	<0.02U	-	<0.086U	<0.13U
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	<0.066U	<0.06U	<0.21U	<0.092U	<0.084U	<0.021U	<0.015U	0.0075J	<0.046U	<0.06U	<0.019U	<0.043U	<0.064U	<0.073U	<0.12U	<0.021U	<0.067U	<0.045U	<0.021U	-	<0.09U	<0.14U
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	<0.064U	<0.059U	<0.21U	<0.091U	<0.082U	<0.021U	<0.015U	<0.00073U	<0.045U	<0.059U	<0.019U	<0.042U	<0.063U	<0.072U	<0.12U	<0.021U	<0.066U	<0.044U	<0.021U	-	<0.088U	<0.14U
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	<0.062U	<0.056U	<0.2U	<0.087U	<0.079U	<0.02U	<0.014U	0.022	<0.044U	<0.056U	<0.018U	<0.041U	<0.061U	<0.069U	<0.11U	<0.02U	<0.063U	<0.042U	<0.02U	-	<0.085U	<0.13U
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	<0.059U	<0.054U	<0.19U	<0.083U	<0.075U	<0.019U	<0.013U	0.022	<0.041U	<0.054U	<0.017U	<0.039U	<0.058U	<0.066U	<0.11U	<0.019U	<0.06U	<0.04U	<0.019U	-	<0.08U	<0.13U
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	<0.065U	<0.059U	<0.21U	<0.092U	<0.083U	<0.021U	<0.015U	0.026	<0.046U	<0.059U	<0.019U	<0.043U	<0.064U	<0.073U	<0.12U	<0.021U	<0.067U	<0.045U	<0.021U	-	<0.089U	<0.14U
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	<0.065U	<0.059U	<0.21U	<0.091U	<0.083U	<0.021U	<0.015U	<0.00074U	<0.046U	<0.059U	<0.019U	<0.043U	<0.063U	<0.072U	<0.12U	<0.021U	<0.066U	<0.044U	<0.021U	-	<0.089U	<0.14U
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B23447	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	<0.062U	<0.056U	<0.2U	<0.087U	<0.079U	<0.02U	<0.014U	0.028	<0.044U	<0.056U	<0.018U	<0.041U	<0.06U	<0.069U	<0.11U	<0.02U	<0.063U	<0.042U	<0.02U	-	<0.084U	<0.13U
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	<0.066U	<0.06U	<0.21U	<0.093U	<0.084U	<0.021U	<0.015U	0.012	<0.046U	<0.06U	<0.019U	<0.043U	<0.064U	<0.073U	<0.12U	<0.021U	<0.067U	<0.045U	<0.021U	-	<0.09U	<0.14U
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	<0.078U	<0.071U	<0.25U	<0.11U	<0.1U	<0.025U	<0.018U	0.014	<0.055U	<0.071U	<0.023U	<0.052U	<0.077U	<0.087U	<0.14U	<0.025U	<0.08U	<0.053U	<0.025U	-	<0.11U	<0.17U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																			
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23401	6/29/2000	1-2	5.3	26	-	69D	-	68D	-	57	43	29	40	-	-	-	-	-	-	-	-	62	9.6	23
SSHS-FB6	B23402	6/29/2000	17-19	<0.37U	<0.37U	-	<0.37U	-	0.1J	-	<0.37U	<0.37U	<0.37U	<0.37U	-	-	-	-	-	-	-	-	0.21J	<0.37U	<0.37U
SSHS-FB6	B23404	6/29/2000	1-3	<0.37U	<0.37U	-	0.055	-	0.16J	-	0.13J	0.13J	0.11J	0.13J	-	-	-	-	-	-	-	-	0.21J	0.053J	<0.37U
SSHS-FB6	B23405	6/29/2000	4-6	<3.9U	<3.9U	-	<3.9U	-	<3.9U	-	<3.9U	<3.9U	<3.9U	<3.9U	-	-	-	-	-	-	-	-	0.89J	<3.9U	<3.9U
SSHS-FB6	B23406T3	8/14/2000	1-1.5	0.13J	0.17J	-	0.44	-	0.95	-	0.79	0.67	0.56	0.76	-	-	-	-	-	-	-	-	0.9	0.24J	0.099J
SSHS-FB7	B23403	6/29/2000	1-3	0.051J	<0.4U	-	0.15J	-	<0.28J	-	0.24J	0.19J	0.14J	0.18J	-	-	-	-	-	-	-	-	0.32J	0.053J	<0.4U
SSHS-FB9	B23406	6/29/2000	1-2	<0.41U	0.61	-	0.54	-	1.1	-	1.1	1.1	0.84	1	-	-	-	-	-	-	-	-	1.4	0.3J	<0.41U
SSHS-MW11D	11D	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-MWD	10-MWD	5/6/2003	2-4	<38U	<38U	-	<38U	-	<38U	-	-	<38U	<38U	<38U	<38U	<38U	<38U	<38U	18J	<38U	-	<38U	<38U	<38U	<38U
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	<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	<0.015U
SSHS-P1	P1-10-12	7/12/2018	10-12	<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	0.24J
SSHS-P2	SSHS-P2	7/12/2018	7.7-7.7	<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	<0.047U	<0.046U
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	<0U	<0U	-	<0U	-	0.15	-	0.15	0.17	0.1	0.078	-	-	-	-	-	-	-	-	0.17	<0U	<0U
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	<0U	<0U	-	0.28	-	0.79	-	0.72	0.9	0.5	0.38	-	-	-	-	-	-	-	-	0.85	0.096	<0U
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	<0U	<0U	-	<0U	-	<0U	-	<0U	<0U	<0U	<0U	-	-	-	-	-	-	-	-	0.17	<0U	<0U
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	<0U	<0U	-	<0U	-	<0U	-	<0U	<0U	<0U	<0U	-	-	-	-	-	-	-	-	<0U	<0U	<0U
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	<0U	<0U	-	<0U	-	0.12	-	<0U	0.18	0.12	<0U	-	-	-	-	-	-	-	-	0.18	<0U	<0U
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	<0U	<0U	-	<0U	-	<0U	-	<0U	<0U	<0U	<0U	-	-	-	-	-	-	-	-	0.18	<0U	<0U
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	<0U	<0U	-	<0U	-	0.076	-	<0U	0.09	<0U	<0U	-	-	-	-	-	-	-	-	0.11	<0U	<0U
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	<0U	<0U	-	<0U	-	<0U	-	<0U	<0U	<0U	<0U	-	-	-	-	-	-	-	-	<0U	<0U	<0U
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	<0U	<0U	-	<0U	-	0.15	-	0.11	0.15	<0U	<0U	-	-	-	-	-	-	-	-	0.15	<0U	<0U
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	<0U	<0U	-	<0U	-	0.18	-	0.12	0.17	0.11	<0U	-	-	-	-	-	-	-	-	0.14	<0U	<0U
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	1.3	<0U	-	2.6	-	3.4	-	2.8	3.2	1.7	1.4	-	-	-	-	-	-	-	-	3.3	0.36	0.66
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	2.1	<0U	-	4.6	-	7	-	5.7	6.8	3.3	2.3	-	-	-	-	-	-	-	-	6.8	0.76	1
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	<0.023U	<0.017U	<0.021U	<0.02U	<0.17U	0.02J	<0.049U	<0.017U	<0.019U	<0.017U,F2	<0.023U	-	<0.019U	<0.014U	<0.029U	<0.42U	<0.27U	<0.25U	<0.018U	0.052J	<0.018U,F2	<0.017U
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	<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	<0.017U
SSHS-SS-16_8_20	SS-16 (10-12) 20180820	8/20/2018	10-12	<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	<0.019U
SSHS-B10	B23463	5/10/2000	0-0.25	<0.47U	<0.47U	-	<0.47U	-	<0.47U	-	<0.47U	<0.47U	<0.47U	<0.47U	-	-	-	-	-	-	-	-	<0.47U	<0.47U	<0.47U
SSHS-B11	B23462	5/10/2000	0-0.25	<0.43U	<0.43U	-	<0.43U	-	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U	-	-	-	-	-	-	-	-	<0.43U	<0.43U	<0.43U
SSHS-B12	B23467	5/10/2000	0-0.25	<0.42U	<0.42U	-	<0.42U	-	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U	-	-	-	-	-	-	-	-	<0.42U	<0.42U	<0.42U
SSHS-B13	B23465	5/10/2000	0-0.25	<4.4U	<4.4U	-	<4.4U	-	<4.4U	-	<4.4U	<4.4U	0.95J	<4.4U	-	-	-	-	-	-	-	-	0.46J	<4.4U	0.66J
SSHS-B14	B23471	5/10/2000	0-0.25	<0.43U	<0.43U	-	<0.43U	-	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U	-	-	-	-	-	-	-	-	<0.43U	<0.43U	<0.43U
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23408T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23455	5/10/2000	0-0.25	<0.43U	<0.43U	-	<0.43U	-	0.14J	-	0.16J	0.17J	0.14J	0.15J	-	-	-	-	-	-	-	-	0.2J	0.043J	<0.43U
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	<0.0011U	0.037	<0.015U	0.021	<0.05U	0.11	0.28	0.12	0.19	0.067	0.059	-	<0.017U	<0.017U	<0.014U	0.16	<0.031U	<0.1U	<0.026U	0.11	0.025	0.022J
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	<0.001U	0.026	<0.015U	0.023	<0.048U	0.13	0.063J	0.13	0.22	0.054	0.052	-	<0.016U	<0.016U	<0.013U	0.29	<0.029U	<0.1U	<0.025U	0.14	<0.00088U	<0.017U
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	<0.001U	0.03	<0.015U	0.023	<0.049U	0.12	0.069J	0.14	0.17	0.076	0.059	-	<0.016U	<0.016U	<0.014U	0.21	<0.03U	<0.1U	<0.026U	0.16	0.025	0.018J
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	<0.00099U	<0.00046U	<0.014U	<0.001U	<0.047U	0.022	0.076J	0.025	0.041	0.016	0.01	-	<0.016U	<0.016U	<0.013U	0.11	<0.029U	<0.098U	<0.025U	0.031	<0.00086U	<0.017U
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	<0.00099U	<0.00046U	0.019J	<0.001U	<0.047U	0.019	0.13	0.026	0.045	0.021	0.014	-	<0.016U	<0.016U	<0.013U	0.44	<0.029U	<0.098U	<0.025U	0.032	<0.00086U	<0.017U
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	0.0052J	0.0048J	<0.014U	0.0045J	<0.046U	<0.0008U	0.079J	0.028	0.041	0.017	0.022	-	<0.015U	<0.015U	<0.013U	0.12	<0.028U	<0.095U	<0.024U	<0.0014U	<0.00084U	<0.016U
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	<0.00099U	<0.00045U	<0.014U	<0.001U	<0.047U	0.015	0.04J	0.018	0.026	0.017	0.015	-	<0.016U	<0.016U	<0.013U	0.12	<0.029U	<0.097U	<0.025U	0.02	<0.00086U	<0.017U
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	<0.00093U	0.022	<0.014U	0.024	<0.044U	0.026	0.037J	0.046	0.091	0.025	0.018	-	<0.015U	<0.015U	<0.012U	0.087	<0.027U	<0.092U	<0.023U	0.045	<0.00081U	<0.016U
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	<0.00087U	0.011	<0.013U	0.0098	<0.041U	0.045	<0.026U	0.042	0.062	0.035	0.024	-	<0.014U	<0.014U	<0.011U	<0.059U	<0.025U	<0.086U	<0.022U	0.056	0.01	<0.015U
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	<0.0011U	0.058	<0.016U	0.031	<0.052U	0.18	0.11J	0.16	0.23	0.082	0.11	-	<0.017U	<0.017U	<0.014U	0.19	<0.032U	<0.11U	<0.027U	0.18	0.025	<0.019U
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	<0.0011U	0.012	<0.016U	0.009J	<0.051U	0.04	0.072J	0.052	0.074	0.057	0.031	-	<0.017U	<0.017U	<0.014U	0.18	<0.031U	<0.11U	<0.027U	0.052	<0.00093U	<0.018U
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	<0.00099U	0.0044J	<0.014U	0.0061J	<0.047U	0.019	0.13	0.025	0.035	0.022	0.0089	-	<0.016U	<0.016U	<0.013U	0.081J	<0.029U	<0.098U	<0.025U	0.027	<0.00086U	<0.017U
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	<0.0011U	0.015	<0.016U	0.012	<0.051U	0.046	0.072J	0.044	0.08	0.023	0.021	-	<0.017U	<0.017U	<0.014U	0.25	<0.031U	<0.11U	<0.027U	0.049	<0.00094U	<0.019U
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	<0.0011U	0.0087J	<0.016U	<0.0012U	<0.054U	0.027	0.074J	0.025	0.04	0.021	0.0088J	-	<0.018U	<0.018U	<0.015U	0.078J	<0.033U	<0.11U	<0.028U	0.039	<0.00098U	<0.019U
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	<0.0011U	<0.00051U	<0.016U	<0.0011U	<0.053U	0.012	<0.034U	0.014	0.02	0.013	0.011	-	<0.018U	<0.018U	<0.015U	<0.075U	<0.032U	<0.11U	<0.028U	0.014	<0.00097U	<0.019U
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	<0.0011U	<0.00049U	<0.015U	0.02	<0.051U	0.095	0.034J	0.093	0.13	0.068	0.051	-	<0.017U	<0.017U	<0.014U	<0.072U	<0.031U	<0.11U	<0.027U	0.11	0.024	<0.018U
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	<0.001U	0.03	<0.015U	0.013	<0.048U	0.079	<0.031U	0.093	0.15	0.04	0.051	-	<0.016U	<0.016U	<0.013U	<0.068U	<0.029U	<0.1U	<0.025U	0.085	<0.00088U	<0.017U
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	<0.0011U	0.028	<0.016U	0.017	<0.053U	0.082	0.043J	0.096	0.13	0.056	0.049	-	<0.018U	<0.018U	<0.015U	<0.076U	<0.033U	<0.11U	<0.028U	0.094	0.015	0.023J
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	<0.0011U	0.012	<0.016U	0.0059J	<0.053U	0.033	0.048J	0.035	0.046	0.019	<0.001U	-	<0.018U	<0.018U	<0.015U	0.095J	<0.032U	<0.11U	<0.028U	0.037	<0.00097U	<0.019U
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B21	B23447	5/9/2000	0-0.25	<0.4U	<0.4U	-	<0.4U	-	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U	-	-	-	-	-	-	-	-	<0.4U	<0.4U	<0.4U
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	<0.0011U	0.032	<0.015U	0.017	<0.051U	0.077	<0.032U	0.088	0.2	0.071	0.073	-	<0.017U	<0.017U	<0.014U	0.14	<0.031U	<0.11U	<0.027U	0.1	<0.00093U	<0.018U
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	<0.0011U	<0.00052U	<0.016U	0.015	<0.054U	0.083	<0.034U	0.1	0.15	0.038	0.074	-	<0.018U	<0.018U	<0.015U	<0.076U	<0.033U	<0.11U	<0.028U	0.1	<0.00099U	<0.019U
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	<0.0014U	<0.00062U	<0.02U	<0.0014U	<0.064U	0.031	0.07J	0.032	0.047	<0.00062U	0.021	-	<0.021U	<0.021U	<0.018U	0.17	<0.039U	<0.13U	<0.034U	0.043	<0.0012U	<0.023U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																								VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-FB5-D	SSHS-FB5-D-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00047U	-
SSHS-FB5-D	SSHS-FB5-D-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00078U	-
SSHS-FB5-E	SSHS-FB5-E-SUB-1.5	7/21/2014	1.5-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00063U	-
SSHS-FB5-E	SSHS-FB5-E-SUB-2.5	7/21/2014	2.5-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00058U	-
SSHS-FB6	B23401	6/29/2000	1-2	-	-	-	-	190D	22	<4U	-	-	-	31	-	22D	-	-	-	<20U	150D	<4U	140D	-	<4U	-
SSHS-FB6	B23402	6/29/2000	17-19	-	-	-	-	<0.37U	<0.37U	<0.37U	-	-	-	<0.37U	-	<0.37U	-	-	-	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-FB6	B23404	6/29/2000	1-3	-	-	-	-	0.25J	<0.37U	<0.37U	-	-	-	0.075J	-	0.054J	-	-	-	<1.9U	0.24J	<0.37U	0.18J	-	<0.37U	-
SSHS-FB6	B23405	6/29/2000	4-6	-	-	-	-	<3.9U	<3.9U	<3.9U	-	-	-	<3.9U	-	<3.9U	-	-	-	<20U	<3.9U	<3.9U	3.6J	-	<3.9U	-
SSHS-FB6	B23406T3	8/14/2000	1-1.5	-	-	-	-	1.7	0.16J	<0.38U	-	-	-	0.52	-	0.058J	-	-	-	<2U	1.3	<0.38U	1.6	-	<0.38U	-
SSHS-FB7	B23403	6/29/2000	1-3	-	-	-	-	0.62	0.041J	<0.4U	-	-	-	0.14J	-	<0.4U	-	-	-	<2.1U	5.33	<0.4U	0.46	-	<0.4U	-
SSHS-FB9	B23406	6/29/2000	1-2	-	-	-	-	1.7	<0.41U	<0.41U	-	-	-	0.81	-	0.074J	-	-	-	<2.1U	0.54	<0.41U	1.6	-	<0.41U	-
SSHS-MW11D	11D	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.014U
SSHS-MW11D	11D-Rerun	5/1/2003	18-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.014U
SSHS-MW47	SSHS-MW47-SUB-0-2	8/29/2016	0-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.74U	-	
SSHS-MW47	SSHS-MW47-SUB-10-12	8/29/2016	10-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.78U	-	
SSHS-MW47	SSHS-MW47-SUB-16-18	8/29/2016	16-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.2U	-	
SSHS-MWD	10-MWD	5/6/2003	2-4	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	<38U	17J	<38U	<38U	<38U	<190U	5.8J	<38U	<38U	-	<38U	<1.4U
SSHS-NSBW	NBSW-10-12	7/12/2018	10-12	<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	P1-10-12	7/12/2018	10-12	<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-P2	SSHS-P2	7/12/2018	7.7-7.7	<0.26U	<0.038U	<0.46U	<0.62U	0.37	<0.042U	<0.076U	<0.062U	<0.054U	<0.055U	0.16J	<0.054U	0.071J	<0.39U	<0.072U	<0.35U	<1.7UJ	0.28	<0.32U	0.46	-	-	-
SSHS-SB-1	SB-1A	3/31/2014	1.5-3.5	-	-	-	-	0.22	<0U	<0U	-	-	-	0.077	-	<0U	-	-	-	<0U	0.12	<0U	0.27	-	<0U	-
SSHS-SB-1	SB-1B	3/31/2014	3.5-4	-	-	-	-	1.6	<0U	<0U	-	-	-	0.39	-	<0U	-	-	-	<0U	1.2	<0U	1.9	-	<0U	-
SSHS-SB-2	SB-2A	3/31/2014	1.5-3.5	-	-	-	-	0.099	<0U	<0U	-	-	-	<0U	-	<0U	-	-	-	<0U	0.16	<0U	0.12	-	<0U	-
SSHS-SB-2	SB-2B	3/31/2014	3.5-6	-	-	-	-	<0U	<0U	<0U	-	-	-	<0U	-	<0 - 0.0071U	-	-	-	<0U	<0U	<0U	<0U	-	<0U	-
SSHS-SB-3	SB-3A	3/31/2014	1.5-3.5	-	-	-	-	0.22	<0U	<0U	-	-	-	0.081	-	<0U	-	-	-	<0U	0.15	<0U	0.27	-	<0U	-
SSHS-SB-3	SB-3B	3/31/2014	3.5-6	-	-	-	-	<0U	<0U	<0U	-	-	-	<0U	-	<0U	-	-	-	<0U	<0U	<0U	<0U	-	<0U	-
SSHS-SB-4	SB-4A	3/31/2014	1.5-3.5	-	-	-	-	0.16	<0U	<0U	-	-	-	<0U	-	<0U	-	-	-	<0U	0.2	<0U	0.2	-	<0U	-
SSHS-SB-4	SB-4B	3/31/2014	3.5-4	-	-	-	-	<0U	<0U	<0U	-	-	-	<0U	-	<0U	-	-	-	<0U	0.078	<0U	0.086	-	<0U	-
SSHS-SB-5	SB-5A	3/31/2014	1.5-3.5	-	-	-	-	0.23	<0U	<0U	-	-	-	<0U	-	<0U	-	-	-	<0U	0.15	<0U	0.26	-	<0U	-
SSHS-SB-5	SB-5B	3/31/2014	3.5-6	-	-	-	-	0.24	<0U	<0U	-	-	-	0.075	-	<0U	-	-	-	<0U	0.16	<0U	0.28	-	<0U	-
SSHS-SB-6	SB-6A	3/31/2014	1.5-3.5	-	-	-	-	7.3	1.2	<0U	-	-	-	1.3	-	0.008 - 0.42	-	-	-	<0U	10	<0U	8.9	-	<0U	-
SSHS-SB-6	SB-6B	3/31/2014	3.5-6	-	-	-	-	14	1.8	<0U	-	-	-	2.7	-	<0 - 0.58U	-	-	-	<0U	17	<0U	18	-	<0U	-
SSHS-SS-12_8_20	SS-12 (10-12) 20180820	8/20/2018	10-12	<0.095U	<0.014U	<0.17U	<0.23U	<0.021U	<0.015U	<0.028U	<0.023U	<0.02U	<0.02U	<0.016U	<0.02U	0.028J	<0.14U	<0.027U	<0.13U	<0.63U	<0.021U	<0.12U	<0.019U	-	-	-
SSHS-SS-14_8_20	SS-14 (10-12) 20180820	8/20/2018	10-12	<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	SS-16 (10-12) 20180820	8/20/2018	10-12	<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-B10	B23463	5/10/2000	0-0.25	-	-	-	-	<0.47U	<0.47U	<0.47U	-	-	-	<0.47U	-	<0.47U	-	-	-	<1.1U	<0.47U	<0.47U	<0.47U	-	<0.47U	-
SSHS-B11	B23462	5/10/2000	0-0.25	-	-	-	-	<0.43U	<0.43U	<0.43U	-	-	-	<0.43U	-	<0.43U	-	-	-	<1U	<0.43U	<0.43U	<0.43U	-	<0.43U	-
SSHS-B12	B23467	5/10/2000	0-0.25	-	-	-	-	<0.42U	<0.42U	<0.42U	-	-	-	<0.42U	-	<0.42U	-	-	-	<1U	<0.42U	<0.42U	<0.42U	-	<0.42U	-
SSHS-B13	B23465	5/10/2000	0-0.25	-	-	-	-	0.49J	<4.4U	<4.4U	-	-	-	<4.4U	-	1.8J	-	-	-	<11U	1.4J	<4.4U	0.46J	-	<4.4U	-
SSHS-B14	B23471	5/10/2000	0-0.25	-	-	-	-	<0.43U	<0.43U	<0.43U	-	-	-	<0.43U	-	<0.43U	-	-	-	<1U	<0.43U	<0.43U	<0.43U	-	<0.43U	-
SSHS-B15	B23405T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23408T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B15	B23455	5/10/2000	0-0.25	-	-	-	-	0.28J	<0.43U	<0.43U	-	-	-	0.12J	-	<0.43U	-	-	-	<1U	0.11J	<0.43U	0.29J	-	<0.43U	-
SSHS-B2024	SSHS-B2024-SS	7/28/2018	0-0.17	<0.043U	<0.019U	<0.031U	<0.039U	0.17	<0.00074U	<0.0029U	<0.017U	<0.086U	<0.013U	0.063	<0.017U	0.053	<0.018U	<0.015U	<0.017U	<0.081U	0.052	<0.011U	0.14	-	-	-
SSHS-B2025	SSHS-B2025-SS	7/28/2018	0-0.17	<0.041U	<0.019U	<0.029U	<0.037U	0.24	0.0082J	<0.0028U	<0.016U	<0.083U	<0.012U	0.053	<0.016U	0.048	<0.017U	<0.015U	<0.016U	<0.078U	0.09	<0.011U	0.21	-	-	-
SSHS-B2026	SSHS-B2026-SS	7/28/2018	0-0.17	<0.042U	<0.019U	<0.03U	<0.038U	0.24	0.0077J	<0.0028U	<0.016U	<0.084U	<0.012U	0.069	<0.016U	0.059	<0.018U	<0.015U	<0.016U	<0.079U	0.094	0.025J	0.21	-	-	-
SSHS-B2027	SSHS-B2027-SS	7/28/2018	0-0.17	<0.041U	<0.018U	<0.029U	<0.037U	0.047	<0.00069U	<0.0027U	<0.016U	<0.081U	<0.012U	0.012	<0.016U	0.034	<0.017U	<0.014U	<0.016U	<0.076U	0.019	<0.01U	0.04	-	-	-
SSHS-B2028	SSHS-B2028-SS	7/28/2018	0-0.17	<0.041U	<0.018U	<0.029U	<0.037U	0.045	<0.00069U	<0.0027U	<0.016U	<0.081U	<0.012U	0.015	<0.016U	0.028	<0.017U	<0.014U	0.017J	<0.076U	0.018	<0.01U	0.036	-	-	-
SSHS-B2031	SSHS-B2031-SS	7/28/2018	0-0.17	<0.039U	<0.018U	<0.028U	<0.036U	0.044	<0.00067U	<0.0027U	<0.015U	<0.079U	<0.011U	0.016	<0.015U	0.056	<0.016U	<0.014U	<0.015U	<0.074U	0.02	<0.01U	0.033	-	-	-
SSHS-B2032	SSHS-B2032-SS	7/28/2018	0-0.17	<0.04U	<0.018U	0.038J	<0.036U	0.035	<0.00069U	<0.0027U	<0.016U	<0.08U	<0.012U	0.014	<0.016U	0.039	<0.017U	<0.014U	<0.016U	<0.075U	0.013	<0.01U	0.028	-	-	-
SSHS-B2033	SSHS-B2033-SS	7/28/2018	0-0.17	<0.038U	<0.017U	<0.027U	<0.034U	0.057	<0.00065U	<0.0026U	<0.015U	<0.076U	<0.011U	0.027	<0.015U	0.05	<0.016U	<0.014U	<0.015U	<0.071U	0.021	<0.0098U	0.046	-	-	-
SSHS-B2034	SSHS-B2034-SS	7/25/2018	0-0.17	<0.036U	<0.016U	<0.025U	<0.032U	0.085	<0.00061U	<0.0024U	<0.014U	<0.071U	<0.01U	0.031	<0.014U	<0.00094U	<0.015U	<0.013U	<0.014U	<0.067U	0.04	0.015J	0.072	-	-	-
SSHS-B2050	SSHS-B2050-SS	7/28/2018	0-0.17	<0.044U	<0.02U	<0.032U	<0.04U	0.28	0.0061J	<0.003U	<0.017U	<0.089U	<0.013U	0.078	<0.017U	0.083	<0.019U	<0.016U	<0.017U	<0.083U	0.07	0.037J	0.22	-	-	-
SSHS-B2051	SSHS-B2051-SS	7/28/2018	0-0.17	<0.044U	<0.02U	0.046J	<0.04U	0.069	<0.00075U	<0.003U	<0.017U	<0.088U,F1	<0.013U	0.044	<0.017U	0.062	<0.018U	<0.016U	<0.017U	<0.082U	0.034	<0.011U	0.064	-	-	-
SSHS-B2053	SSHS-B2053-SS	7/28/2018	0-0.17	<0.041U	<0.018U	<0.029U	<0.037U	0.046	<0.00069U	<0.0027U	<0.016U	<0.081U	<0.012U	0.016	<0.016U	0.053	<0.017U	<0.014U	<0.016U	<0.076U	0.025	<0.01U	0.035	-	-	-
SSHS-B2070	SSHS-B2070-SS	7/28/2018	0-0.17	<0.044U	<0.02U	<0.031U	<0.04U	0.083	<0.00076U	<0.003U	<0.017U	<0.088U	<0.013U	0.021	<0.017U	0.067	<0.019U	<0.016U	<0.017U	<0.083U	0.032	<0.011U	0.066	-	-	-
SSHS-B2071	SSHS-B2071-SS	7/24/2018	0-0.17	<0.046U	<0.021U	<0.033U	<0.042U	0.054	<0.00079U	<0.0031U	<0.018U	<0.092U	<0.013U	0.021	<0.018U	0.016	<0.019U	<0.016U	<0.018U	<0.087U	0.031	<0.012U	0.047	-	-	-
SSHS-B2072	SSHS-B2072-SS	7/24/2018	0-0.17	<0.045U	<0.021U	<0.032U	<0.041U	0.024	<0.00078U	<0.0031U	<0.018U	<0.091U	<0.013U	0.0095J	<0.018U	<0.0012U	<0.019U	<0.016U	<0.018U	<0.085U	0.0097J	<0.012U	0.021	-	-	-
SSHS-B2073	SSHS-B2073-SS	7/24/2018	0-0.17	<0.044U	<0.02U	<0.031U	<0.039U	0.16	0.007J	<0.003U	<0.017U	<0.087U	<0.013U	0.058	<0.017U	0.026	<0.018U	<0.015U	<0.017U	<0.082U	0.091	<0.011U	0.15	-	-	-
SSHS-B2089	SSHS-B2089-SS	7/26/2018	0-0.17	<0.041U	<0.019U	<0.029U	<0.037U	0.17	<0.00071U	<0.0028U	<0.016U	<0.083U	<0.012U	0.043	<0.016U	0.072	<0.017U	<0.015U	<0.016U	<0.078U	0.051	<0.011U	0.099	-	-	-
SSHS-B2091	SSHS-B2091-SS	7/24/2018	0-0.17	<0.046U	<0.021U	<0.033U	<0.042U	0.17	<0.00079U	<0.0031U	<0.018U	<0.092U	<0.013U	0.056	<0.018U	0.062	<0.019U	<0.016U	<0.018U	<0.086U	0.074	0.023J	0.12	-	-	-
SSHS-B2092	SSHS-B2092-SS	7/24/2018	0-0.17	<0.046U	<0.021U	<0.032U	<0.041U	0.068	<0.00078U	<0.0031U	<0.018U	<0.091U	<0.013U	<0.00052U	<0.018U	0.02	<0.019U	<0.016U	<0.018U	<0.086U	0.023	0.033J	0.047	-	-	-
SSHS-B21	B21_05/09/2000	5/9/2000	0-0	-	-	-	-	0.055J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.056J	-	-	-
SSHS-B21	B23447	5/9/2000	0-0.25	-	-	-	-	0.055J	<0.4U	<0.4U	-	-	-	<0.4U	-	<0.4U	-	-	-	<0.96U	<0.4U	<0.4U	0.056J	-	<0.4U	-
SSHS-B2108	SSHS-B2108-SS	7/26/2018	0-0.17	<0.044U	<0.02U	<0.031U	<0.039U	0.15	<0.00075U	<0.003U	<0.017U	<0.087U	<0.013U	0.069	<0.017U	0.066	<0.018U	<0.015U	<0.017U	<0.082U	0.058	<0.011U	0.094	-	-	-
SSHS-B2109	SSHS-B2109-SS	7/26/2018	0-0.17	<0.046U	<0.021U	<0.033U	<0.042U	0.19	<0.00079U	<0.0031U	<0.018U	<0.093U	<0.013U	0.042	<0.018U	0.032	<0.019U	<0.016U	<0.018U	<0.087U	0.079	<0.012U	0.11	-	-	-
SSHS-B2110	SSHS-B2110-SS	7/26/2018	0-0.17	<0.055U	<0.025U	<0.039U	<0.05U	0.082	<0.00094U	<0.0037U	<0.021U	<0.11U	<0.016U	<0.00062U	<0.021U	0.018	<0.023U	<0.02U	<0.021U	<0.1U	0.031	<0.014U	0.055	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	B23442	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	-	-	0.0014J
SSHS-B24	B23402T2-1	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	-	-	<0.0062U
SSHS-B24	B23446	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	-	-	0.0014J
SSHS-B25	B23402T2	7/11/2000	0-0.25	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	<0.0057U
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	-	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	-	<0.0056U	-	-	<0.0056U
SSHS-B25	B23445	5/9/2000	0-0.25	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	-	<0.0057U	-	-	0.0014J
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.058U	<0.036U	<0.05U	<0.075U	<0.043U	-	<0.06U	<0.055U	<0.068U	<0.059U	1.3	<0.021U	<0.056U	-	<0.075U	<0.059U	<0.055U	<0.063U	<0.064U	<0.038U	<0.044U,*	<0.059U
SSHS-B28	B23451	5/9/2000	0-0.25	<0.0061U	<0.0061U	<0.0061U	<0.0061U	<0.0061U	-	<0.0061U	-	-	<0.0061U	<0.0061U	-	<0.0061U	-	-	-	-	-	<0.0061U	-	-	0.0015J
SSHS-B29	B23403T2	7/11/2000	0-0.25	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.00076U	<0.00072U	<0.00082U	<0.0016U	<0.00087U	-	<0.00054U	<0.0008U	<0.00093U	<0.00064U	<0.00095U	<0.00084U	<0.00069U	-	<0.00061U	<0.00077U	<0.00063U	<0.00049U	<0.0005U,*	<0.00079U	<0.0017U,*	<0.00065U
SSHS-B30	B23404T2	7/11/2000	0-0.25	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.0058U	<0.0058U	-	<0.0058U	-	-	-	-	-	<0.0058U	-	-	<0.0058U
SSHS-B33	B23452	5/9/2000	0-0.25	<0.0053U	<0.0053U	<0.0053U	<0.0053U	<0.0053U	-	<0.0053U	-	-	<0.0053U	<0.0053U	-	<0.0053U	-	-	-	-	-	<0.0053U	-	-	0.0013J
SSHS-B35	B23443	5/9/2000	0-0.25	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	-	<0.0062U	-	-	0.0017J
SSHS-B36	B36	9/12/2000	0-0	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U
SSHS-B37	B37	9/12/2000	0-0	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-B38	B38	9/12/2000	0-0	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U
SSHS-B39	B39	9/12/2000	0-0	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U
SSHS-B40	B40	9/12/2000	0-0	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B41	B41	9/12/2000	0-0	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.0059U	-	<0.0059U	-	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U
SSHS-B42	B42	9/12/2000	0-0	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	0.0015J
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.00078U	<0.00074U	<0.00084U	<0.0017U	<0.0009U	-	<0.00056U,*	<0.00083U	<0.00096U	<0.00066U	<0.00098U	<0.00086U	<0.00071U	-	<0.00062U	<0.00079U	<0.00065U	<0.00051U	<0.00051U,*	<0.00082U	<0.0018U	<0.00067U
SSHS-B43	B43	9/12/2000	0-0	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.053U	<0.033U	<0.045U	<0.068U	<0.039U	-	<0.055U	<0.05U	<0.062U	<0.054U	1.9	<0.019U	<0.051U	-	<0.068U	<0.054U	<0.05U	<0.057U	<0.058U	<0.034U	<0.04U,*	<0.054U
SSHS-B44	B44	9/13/2000	0-0	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	-	<0.0064U	-	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U
SSHS-B45	B45	9/13/2000	0-0	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	<0.0065U	-	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U
SSHS-B46	B46	9/13/2000	0-0	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	-	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U
SSHS-B47	B47	9/13/2000	0-0	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	-	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B48	B48	9/13/2000	0-0	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	-	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U
SSHS-B49	B49	9/13/2000	0-0	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U
SSHS-B50	B50	9/13/2000	0-0	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U
SSHS-B51	B51	9/13/2000	0-0	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-B52	B52	9/13/2000	0-0	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	-	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	-	<0.0069U	-	<0.0069U	-	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U
SSHS-B53	B53	9/13/2000	0-0	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U
SSHS-B54	B54	9/13/2000	0-0	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U
SSHS-B55	B55	9/13/2000	0-0	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	-	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	-	<0.007U	-	<0.007U	-	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	0.0083
SSHS-B56	B56	9/13/2000	0-0	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.0064U	-	<0.0064U	-	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U
SSHS-B57	B57	9/13/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U
SSHS-B58	B58	9/13/2000	0-0	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	B23442	5/9/2000	0-0.25	-	<0.0059U	-	<0.0059U	<0.0059U	0.015	<0.0059U	-	<0.0059U	-	-	<0.39U	<0.39U	<0.0059U	-	-	-	-	-	-	-	-
SSHS-B24	B23402T2-1	7/27/2000	0-0.25	-	<0.0062U	-	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.0062U	-	-	-	-	<0.0062U	-	-	-	-	-	-	-	-
SSHS-B24	B23446	5/9/2000	0-0.25	-	<0.006U	-	<0.006U	<0.006U	0.055	<0.006U	-	<0.006U	-	-	<0.39U	<0.39U	<0.006U	-	-	-	-	-	-	-	-
SSHS-B25	B23402T2	7/11/2000	0-0.25	-	<0.0057U	-	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.0057U	-	-	-	-	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	-	<0.0056U	-	<0.0056U	0.0019J	<0.0056U	<0.0056U	-	<0.0056U	-	-	-	-	<0.0056U	-	-	-	-	-	-	-	-
SSHS-B25	B23445	5/9/2000	0-0.25	-	<0.0057U	-	<0.0057U	<0.0057U	0.026	<0.0057U	-	<0.0057U	-	-	<0.38U	<0.38U	<0.0057U	-	-	-	-	-	-	-	-
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.082U	<0.039U	<0.043U	<0.064U	<0.047U	<0.048U	<0.044U	<0.034U	<0.076U	<0.037U	<0.022U	<0.04U	<0.03U	<0.031U	<0.036UJ	<0.092U,*	<0.037U	<0.066U	-	-	-	-
SSHS-B28	B23451	5/9/2000	0-0.25	-	<0.0061U	-	<0.0061U	<0.0061U	0.008	<0.0061U	-	<0.0061U	-	-	<0.4U	<0.4U	<0.0061U	-	-	-	-	-	-	-	-
SSHS-B29	B23403T2	7/11/2000	0-0.25	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.00095U	<0.00079U	<0.00076U	<0.00075U	<0.00074U	<0.00076U	<0.00067U	<0.00067U	<0.00053U	<0.00094U	<0.00099U	<0.00089U	<0.00073U	<0.00085U	<0.00097U	<0.00083U	<0.00074U	<0.001U	-	-	-	-
SSHS-B30	B23404T2	7/11/2000	0-0.25	-	<0.0058U	-	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.0058U	-	-	<0.38U	<0.38U	<0.0058U	-	-	-	-	-	-	-	-
SSHS-B33	B23452	5/9/2000	0-0.25	-	<0.0053U	-	0.0032J	<0.0053U	0.0072	<0.0053U	-	<0.0053U	-	-	<0.35U	<0.35U	<0.0053U	-	-	-	-	-	-	-	-
SSHS-B35	B23443	5/9/2000	0-0.25	-	<0.0062U	-	<0.0062U	<0.0062U	0.019	<0.0062U	-	<0.0062U	-	-	<0.41U	<0.41U	<0.0062U	-	-	-	-	-	-	-	-
SSHS-B36	B36	9/12/2000	0-0	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	0.011	<0.0057U	<0.0057U	<0.0057U	-	<0.37U	<0.37U	<0.37U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-
SSHS-B37	B37	9/12/2000	0-0	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	0.016	<0.0056U	<0.0056U	<0.0056U	-	<0.37U	<0.37U	<0.37U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-B38	B38	9/12/2000	0-0	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	<0.0058U	-	<0.38U	<0.38U	<0.38U	<0.0058U	-	<0.0058U	-	<0.0058U	-	-	-	-
SSHS-B39	B39	9/12/2000	0-0	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.42U	<0.42U	<0.42U	<0.0063U	-	<0.0063U	-	<0.0063U	-	-	-	-
SSHS-B40	B40	9/12/2000	0-0	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.41U	<0.41U	<0.41U	<0.0062U	-	<0.0062U	-	<0.0062U	-	-	-	-
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B41	B41	9/12/2000	0-0	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	<0.0059U	-	<0.39U	<0.39U	<0.39U	<0.0059U	-	<0.0059U	-	<0.0059U	-	-	-	-
SSHS-B42	B42	9/12/2000	0-0	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.41U	<0.41U	<0.41U	<0.0062U	-	<0.0062U	-	<0.0062U	-	-	-	-
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.00098U	<0.00081U	<0.00078U	<0.00077U	<0.00076U	<0.00078U	<0.00069U,*	<0.00069U	<0.00054U	<0.00097U	<0.001U	<0.00092U	<0.00075U	<0.00087U	<0.00099U	<0.00085U	<0.00077U	<0.0011U	-	-	-	-
SSHS-B43	B43	9/12/2000	0-0	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.37U	<0.37U	<0.37U	<0.0055U	-	<0.0055U	-	<0.0055U	-	-	-	-
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.074U	<0.035U	<0.039U	<0.058U	<0.043U	<0.044U	<0.04U	<0.031U	<0.069U	<0.033UJ	<0.02U	<0.036UJ	<0.027U	<0.028U	<0.033UJ	<0.084U,*	<0.034U	<0.06U	-	-	-	-
SSHS-B44	B44	9/13/2000	0-0	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.42U	<0.42U	<0.42U	<0.0064U	-	<0.0064U	-	<0.0064U	-	-	-	-
SSHS-B45	B45	9/13/2000	0-0	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.43U	<0.43U	<0.43U	<0.0065U	-	<0.0065U	-	<0.0065U	-	-	-	-
SSHS-B46	B46	9/13/2000	0-0	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.43U	<0.43U	<0.43U	<0.0066U	-	<0.0066U	-	<0.0066U	-	-	-	-
SSHS-B47	B47	9/13/2000	0-0	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.43U	<0.43U	<0.43U	<0.0066U	-	<0.0066U	-	<0.0066U	-	-	-	-
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B48	B48	9/13/2000	0-0	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.44U	<0.44U	<0.44U	<0.0066U	-	<0.0066U	-	<0.0066U	-	-	-	-
SSHS-B49	B49	9/13/2000	0-0	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	<0.0062U	-	<0.41U	<0.41U	<0.41U	<0.0062U	-	<0.0062U	-	<0.0062U	-	-	-	-
SSHS-B50	B50	9/13/2000	0-0	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.42U	<0.42U	<0.42U	<0.0063U	-	<0.0063U	-	<0.0063U	-	-	-	-
SSHS-B51	B51	9/13/2000	0-0	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.37U	<0.37U	<0.37U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-B52	B52	9/13/2000	0-0	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	-	<0.46U	<0.46U	<0.46U	<0.0069U	-	<0.0069U	-	<0.0069U	-	-	-	-
SSHS-B53	B53	9/13/2000	0-0	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.44U	<0.44U	<0.44U	<0.0067U	-	<0.0067U	-	<0.0067U	-	-	-	-
SSHS-B54	B54	9/13/2000	0-0	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.44U	<0.44U	<0.44U	<0.0067U	-	<0.0067U	-	<0.0067U	-	-	-	-
SSHS-B55	B55	9/13/2000	0-0	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	-	<0.46U	<0.46U	<0.46U	<0.007U	-	<0.007U	-	<0.007U	-	-	-	-
SSHS-B56	B56	9/13/2000	0-0	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	<0.0064U	-	<0.42U	<0.42U	<0.42U	<0.0064U	-	<0.0064U	-	<0.0064U	-	-	-	-
SSHS-B57	B57	9/13/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	0.0018J	<0.006U	<0.006U	<0.006U	-	<0.4U	<0.4U	<0.4U	<0.006U	-	<0.006U	-	<0.006U	-	-	-	-
SSHS-B58	B58	9/13/2000	0-0	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	<0.0057U	-	<0.38U	<0.38U	<0.38U	<0.0057U	-	<0.0057U	-	<0.0057U	-	-	-	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B23	B23442	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-B24	B23402T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B24	B23446	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.01U	<0.01U	<0.01U	<0.01U	-	-	-	-	<0.01U	<0.01U	<0.02U	<0.01U	<0.01U	<0.02U	<0.02U
SSHS-B25	B23402T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23445	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.031U	-	-	-	-	<0.037U	-	<0.00034U	<0.00037U	<0.0004U	<0.00059U	-	<0.00045U	<0.0047U	-	<0.0023U	<0.0023U	0.0067	<0.00038U	<0.00043J	<0.0004U	<0.0023U
SSHS-B28	B23451	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.004U
SSHS-B29	B23403T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.00076U	-	-	-	-	<0.00079U	-	<0.00033U	<0.0022U	<0.00039U	<0.0022U	-	<0.0022U	<0.016U	-	<0.0017J	<0.0022U	0.021	0.0031	<0.0012J	<0.0022U	<0.0022U
SSHS-B30	B23404T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	<0.002U	<0.002U	<0.002U	<0.002U	-	-	-	-	<0.002U	<0.002U	<0.0038U	<0.002U	<0.002U	<0.0038U	<0.0038U
SSHS-B33	B23452	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.0018U	<0.0018U	<0.0018U	<0.0018U	-	-	-	-	<0.0018U	<0.0018U	<0.0035U	<0.0018U	<0.0018U	<0.0035U	<0.0035U
SSHS-B35	B23443	5/9/2000	0-0.25	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U
SSHS-B36	B36	9/12/2000	0-0	-	-	-	-	-	<0.0057U	-	<0.019U	<0.019U	<0.019U	<0.019U	-	<0.019U	-	<0.019U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.037U	<0.037U
SSHS-B37	B37	9/12/2000	0-0	-	-	-	-	-	<0.0056U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B38	B38	9/12/2000	0-0	-	-	-	-	-	<0.0058U	-	<0.02U	<0.02U	<0.02U	<0.02U	-	<0.02U	-	<0.02U	<0.02U	<0.02U	<0.038U	<0.02U	<0.02U	<0.038U	<0.038U
SSHS-B39	B39	9/12/2000	0-0	-	-	-	-	-	<0.0063U	-	<0.021U	<0.021U	<0.021U	<0.021U	-	<0.021U	-	<0.021U	<0.021U	<0.021U	<0.042U	<0.021U	<0.021U	<0.042U	<0.042U
SSHS-B40	B40	9/12/2000	0-0	-	-	-	-	-	<0.0062U	-	<0.021U	<0.021U	<0.021U	<0.021U	-	<0.021U	-	<0.021U	<0.021U	<0.021U	<0.041U	<0.021U	<0.021U	<0.041U	<0.041U
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B41	B41	9/12/2000	0-0	-	-	-	-	-	<0.0059U	-	<0.002U	<0.002U	<0.002U	<0.002U	-	<0.002U	-	<0.002U	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-B42	B42	9/12/2000	0-0	-	-	-	-	-	<0.0062U	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	<0.0021U	-	<0.0021U	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.00078U	-	-	-	-	<0.00081U	-	<0.0003U	<0.00035J	<0.00036U	<0.00052U	-	<0.0004U	<0.0004U	-	<0.00031U	<0.00076J	<0.0012J	<0.00034U	<0.00038U	<0.00036U	<0.00021U
SSHS-B43	B43	9/12/2000	0-0	-	-	-	-	-	<0.0055U	-	<0.019U	<0.019U	<0.019U	<0.019U	-	<0.019U	-	<0.019U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.037U	<0.037U
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.028U	-	-	-	-	<0.034U	-	<0.00031U	<0.00033U	<0.00037U	<0.00053U	-	<0.00041U	<0.0021U	-	<0.00031U	<0.00027U	0.0045	<0.00034U	<0.00038U	<0.00036U	<0.0021U
SSHS-B44	B44	9/13/2000	0-0	-	-	-	-	-	<0.0064U	-	<0.022U	<0.022U	<0.022U	<0.022U	-	<0.022U	-	<0.022U	<0.022U	<0.022U	<0.042U	<0.022U	<0.022U	<0.042U	<0.042U
SSHS-B45	B45	9/13/2000	0-0	-	-	-	-	-	<0.0065U	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	<0.0022U	-	<0.0022U	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043U	<0.0043U
SSHS-B46	B46	9/13/2000	0-0	-	-	-	-	-	<0.0066U	-	<0.022U	<0.022U	<0.022U	<0.022U	-	<0.022U	-	<0.022U	<0.022U	<0.022U	<0.043U	<0.022U	<0.022U	<0.043U	<0.043U
SSHS-B47	B47	9/13/2000	0-0	-	-	-	-	-	<0.0066U	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	<0.0022U	-	<0.0022U	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043U	<0.0043U
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B48	B48	9/13/2000	0-0	-	-	-	-	-	<0.0066U	-	<0.023U	<0.023U	<0.023U	<0.023U	-	<0.023U	-	<0.023U	<0.023U	<0.023U	<0.044U	<0.023U	<0.023U	<0.044U	<0.044U
SSHS-B49	B49	9/13/2000	0-0	-	-	-	-	-	<0.0062U	-	<0.021U	<0.021U	<0.021U	<0.021U	-	<0.021U	-	<0.021U	<0.021U	<0.021U	<0.041U	<0.021U	<0.021U	<0.041U	<0.041U
SSHS-B50	B50	9/13/2000	0-0	-	-	-	-	-	<0.0063U	-	<0.022U	<0.022U	<0.022U	<0.022U	-	<0.022U	-	<0.022U	<0.022U	<0.022U	<0.042U	<0.022U	<0.022U	<0.042U	<0.042U
SSHS-B51	B51	9/13/2000	0-0	-	-	-	-	-	<0.0056U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-B52	B52	9/13/2000	0-0	-	-	-	-	-	<0.0069U	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	<0.0024U	-	<0.0024U	<0.0024U	<0.0024U	<0.0046U	<0.0024U	<0.0024U	<0.0046U	<0.0046U
SSHS-B53	B53	9/13/2000	0-0	-	-	-	-	-	<0.0067U	-	<0.0023U	<0.0023U	<0.0023U	<0.0023U	-	<0.0023U	-	<0.0023U	<0.0023U	<0.0023U	<0.0044U	<0.0023U	<0.0023U	<0.0044U	<0.0044U
SSHS-B54	B54	9/13/2000	0-0	-	-	-	-	-	<0.0067U	-	<0.0023U	<0.0023U	<0.0023U	<0.0023U	-	<0.0023U	-	<0.0023U	<0.0023U	<0.0023U	<0.0044U	<0.0023U	<0.0023U	<0.0044U	<0.0044U
SSHS-B55	B55	9/13/2000	0-0	-	-	-	-	-	<0.007U	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	<0.0024U	-	<0.0024U	<0.0024U	<0.0024U	<0.0046U	<0.0024U	<0.0024U	<0.0046U	<0.0046U
SSHS-B56	B56	9/13/2000	0-0	-	-	-	-	-	<0.0064U	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	<0.0022U	-	<0.0022U	<0.0022U	<0.0022U	<0.0042U	<0.0022U	<0.0022U	<0.0042U	<0.0042U
SSHS-B57	B57	9/13/2000	0-0	-	-	-	-	-	<0.006U	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	<0.0021U	-	<0.0021U	<0.0021U	<0.0021U	<0.004U	<0.0021U	<0.0021U	<0.004U	<0.004U
SSHS-B58	B58	9/13/2000	0-0	-	-	-	-	-	<0.0057U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0038U	<0.0019U	<0.0019U	<0.0038U	<0.0038U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.9798	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.02U	<0.39U	<0.091U	<0.085U
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	3.038	-	-	-	-	-	-	-	<0.025U	<0.02U	<0.022U	<0.43U	<0.1U	<0.093U
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	2.458	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.096U	<0.089U
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.893	-	-	-	-	-	-	-	<0.023U	<0.019U	<0.02U	<0.4U	<0.093U	<0.086U
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.513	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.096U	<0.09U
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.5169	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.097U	<0.09U
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.543	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.43U	<0.1U	<0.095U
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.6489	-	-	-	-	-	-	-	<0.025U	<0.02U	<0.022U	<0.42U	<0.1U	<0.093U
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	1.088	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.098U	<0.09U
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	6.773	-	-	-	-	-	-	-	0.043J	<0.019U	<0.02U	<0.4U	<0.094U	<0.087U
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	-	-	-	-	-	-	-	-	2.241	-	-	-	-	-	-	-	<0.027U	<0.022U	<0.024U	<0.47U	<0.11U	<0.1U
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	1.845	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.44U	<0.1U	<0.096U
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.6144	-	-	-	-	-	-	-	<0.026U	<0.021U	<0.023U	<0.45U	<0.11U	<0.098U
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.4286	-	-	-	-	-	-	-	<0.031U	<0.026U	<0.028U	<0.54U	<0.13U	<0.12U
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.7292	-	-	-	-	-	-	-	<0.029U	<0.024U	<0.026U	<0.51U	<0.12U	<0.11U
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.4512	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.096U	<0.089U
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	1.523	-	-	-	-	-	-	-	<0.026U	<0.021U	<0.023U	<0.44U	<0.1U	<0.096U
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	1.005	-	-	-	-	-	-	-	<0.032U	<0.026U	<0.028U	<0.55U	<0.13U	<0.12U
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	0.5682	-	-	-	-	-	-	-	<0.02U	<0.016U	<0.018U	<0.34U	<0.081U	<0.075U
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.4424	-	-	-	-	-	-	-	<0.025U	<0.021U	<0.022U	<0.43U	<0.1U	<0.094U
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	-	-	-	-	-	-	-	-	1.139	-	-	-	-	-	-	-	<0.024U	<0.02U	<0.021U	<0.41U	<0.097U	<0.09U
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	2.686	-	-	-	-	-	-	-	<0.02U	<0.016U	<0.018U	<0.34U	<0.081U	<0.075U
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	0.3388	-	-	-	-	-	-	-	<0.019U	<0.016U	<0.017U	<0.33U	<0.079U	<0.073U
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	-	-	-	-	-	-	-	-	0.2941	-	-	-	-	-	-	-	<0.022U	<0.018U	<0.02U	<0.38U	<0.09U	<0.083U
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	-	-	-	-	-	-	-	-	0.6307	-	-	-	-	-	-	-	<0.038U	<0.032U	<0.034U	<0.66U	<0.16U	<0.14U
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	<0.02U	<0.016U	<0.017U	<0.34U	<0.08U	<0.075U
SSHS-B23	B23442	5/9/2000	0-0.25	<0.002U	-	-	-	<0.002U	-	-	-	5.323	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B24	B23402T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.012U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B24	B23446	5/9/2000	0-0.25	<0.01U	-	-	-	<0.01U	-	-	-	0.837	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B25	B23402T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B25	B23445	5/9/2000	0-0.25	<0.002U	-	-	-	<0.002U	-	-	-	0.299	<0.011U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.0034U	<0.00044U	<0.0023U	<0.0004U	<0.0005U	<0.0031U	<0.00047U	<0.015U	0.307	<0.064U	<0.033U	<0.035U	<0.34J	<0.063U	<0.035U	<0.06U	<0.04U	<0.034U	<0.052U	<0.029U	<0.048U	<0.068U
SSHS-B28	B23451	5/9/2000	0-0.25	<0.0021U	-	-	-	<0.0021U	-	-	-	0.042	<0.012U	-	-	<0.024U	-	-	-	-	-	-	-	-	-
SSHS-B29	B23403T2	7/11/2000	0-0.25	<0.002U	-	-	-	<0.002U	-	-	-	0.375	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.011U	<0.00042U	<0.0029U	<0.00038U	<0.0022U	<0.017U	<0.0076U	<0.014U	0.57	<0.00099U	<0.00077U	<0.00073U	<0.0056U	<0.00057U	<0.00042U	<0.00084U	<0.039U	<0.033U	<0.05U	<0.028U	<0.047U	<0.065U
SSHS-B30	B23404T2	7/11/2000	0-0.25	<0.002U	-	-	-	<0.002U	-	-	-	1.55	<0.012U	-	-	<0.023U	-	-	-	-	-	-	-	-	-
SSHS-B33	B23452	5/9/2000	0-0.25	<0.0018U	-	-	-	<0.0018U	-	-	-	<0	<0.011U	-	-	<0.021U	-	-	-	-	-	-	-	-	-
SSHS-B35	B23443	5/9/2000	0-0.25	<0.0021U	-	-	-	<0.0021U	-	-	-	3.101	<0.012U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B36	B36	9/12/2000	0-0	<0.019U	<0.037U	<0.037U	<0.019U	<0.019U	<0.019U	<0.075U	<0.37U	<0	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B37	B37	9/12/2000	0-0	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0073U	<0.037U	0.045	<0.011U	<0.011U	<0.011U	0.0069J	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B38	B38	9/12/2000	0-0	<0.02U	<0.038U	<0.038U	<0.02U	<0.02U	<0.02U	<0.076U	<0.38U	<0	<0.012U	<0.012U	<0.012U	<0.023U	<0.012U	-	-	-	-	-	-	<0.38U	<0.38U
SSHS-B39	B39	9/12/2000	0-0	<0.021U	<0.042U	<0.042U	<0.021U	<0.021U	<0.021U	<0.083U	<0.42U	<0	<0.013U	<0.013U	<0.013U	<0.025U	<0.013U	-	-	-	-	-	-	<0.42U	<0.42U
SSHS-B40	B40	9/12/2000	0-0	<0.021U	<0.041U	<0.041U	<0.021U	<0.021U	<0.021U	<0.082U	<0.41U	<0	<0.012U	<0.012U	<0.012U	<0.025U	<0.012U	-	-	-	-	-	-	<0.41U	<0.41U
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	7.071	-	-	-	-	-	-	-	<0.036U	<0.03U	<0.046U	<0.026UJ	<0.043UJ	<0.06UJ
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	-	-	-	-	-	-	-	-	2.424	-	-	-	-	-	-	-	<0.038U	<0.032U	<0.049U	<0.027U	<0.046U	<0.064U
SSHS-B41	B41	9/12/2000	0-0	<0.002U	<0.0039U	<0.0039U	<0.002U	<0.002U	<0.002U	<0.0078U	<0.039U	<0	<0.012U	<0.012U	<0.012U	<0.024U	<0.012U	-	-	-	-	-	-	<0.39U	<0.39U
SSHS-B42	B42	9/12/2000	0-0	<0.0021U	<0.0041U	<0.0041U	<0.0021U	<0.002U	<0.002U	<0.0081U	<0.041U	1.278	<0.012U	<0.012U	<0.012U	<0.025U	<0.012U	-	-	-	-	-	-	<0.41U	<0.41U
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.00052J	<0.00039U	<0.00031U	<0.00035U	<0.00045U	<0.00039U	<0.00042U	<0.013U	4.567	<0.001U	<0.00079U	<0.00075U	<0.0058U	<0.00059U	<0.00043U	<0.00086U	<0.036U	<0.031U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B43	B43	9/12/2000	0-0	<0.019U	<0.037U	<0.037U	<0.019U	<0.019U	<0.019U	<0.073U	<0.37U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	0.0024	<0.0004U	<0.00032U	<0.00036U	<0.00045U	<0.0004U	<0.004U	<0.014U	<0	<0.058U	<0.03U	<0.031U	<0.52J	<0.057U	<0.032U	<0.055U	<0.037U	<0.031U	<0.047U	<0.026U	<0.044U	<0.061U
SSHS-B44	B44	9/13/2000	0-0	<0.022U	<0.042U	<0.042U	<0.022U	<0.022U	<0.022U	<0.084U	<0.42U	<0	<0.013U	<0.013U	<0.013U	<0.026U	<0.013U	-	-	-	-	-	-	<0.42U	<0.42U
SSHS-B45	B45	9/13/2000	0-0	<0.0022U	<0.0043U	<0.0043U	<0.0022U	<0.0022U	<0.0022U	<0.0086U	<0.043U	0.163	<0.013U	<0.013U	<0.013U	<0.026U	0.0014J	-	-	-	-	-	-	<0.43U	<0.43U
SSHS-B46	B46	9/13/2000	0-0	<0.022U	<0.043U	<0.043U	<0.022U	<0.022U	<0.022U	<0.087U	<0.43U	<0	<0.013U	<0.013U	<0.013U	<0.026U	<0.013U	-	-	-	-	-	-	<0.43U	<0.43U
SSHS-B47	B47	9/13/2000	0-0	<0.0022U	<0.0043U	<0.0043U	<0.0022U	<0.0022U	<0.0022U	<0.0087U	<0.043U	12.55	<0.013U	<0.013U	<0.013U	<0.026U	<0.013U	-	-	-	-	-	-	<0.43U	<0.43U
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	10.19	-	-	-	-	-	-	-	<0.0067U	<0.0057U	-	<0.0049U	<0.0081U	<0.011U
SSHS-B48	B48	9/13/2000	0-0	<0.023U	<0.044U	<0.044U	<0.023U	<0.023U	<0.023U	<0.088U	<0.44U	<0	<0.013U	<0.013U	<0.013U	<0.027U	<0.013U	-	-	-	-	-	-	<0.44U	<0.44U
SSHS-B49	B49	9/13/2000	0-0	<0.021U	<0.041U	<0.041U	<0.021U	<0.021U	<0.021U	<0.082U	<0.41U	<0	<0.012U	<0.012U	<0.012U	<0.025U	<0.012U	-	-	-	-	-	-	<0.41U	<0.41U
SSHS-B50	B50	9/13/2000	0-0	<0.022U	<0.042U	<0.042U	<0.022U	<0.022U	<0.022U	<0.084U	<0.42U	<0	<0.013U	<0.013U	<0.013U	<0.025U	<0.013U	-	-	-	-	-	-	<0.42U	<0.42U
SSHS-B51	B51	9/13/2000	0-0	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	<0.037U	<0	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-B52	B52	9/13/2000	0-0	<0.0024U	<0.0046U	<0.0046U	<0.0024U	<0.0024U	<0.0024U	<0.0091U	<0.046U	0.049	<0.014U	<0.014U	<0.014U	<0.028U	<0.014U	-	-	-	-	-	-	<0.46U	<0.46U
SSHS-B53	B53	9/13/2000	0-0	<0.0023U	<0.0044U	<0.0044U	<0.0023U	<0.0023U	<0.0023U	<0.0088U	<0.044U	<0	<0.013U	<0.013U	<0.013U	<0.027U	<0.013U	-	-	-	-	-	-	<0.44U	<0.44U
SSHS-B54	B54	9/13/2000	0-0	<0.0023U	<0.0044U	<0.0044U	<0.0023U	<0.0023U	<0.0023U	<0.0089U	<0.044U	<0	<0.013U	<0.013U	<0.013U	<0.027U	<0.013U	-	-	-	-	-	-	<0.44U	<0.44U
SSHS-B55	B55	9/13/2000	0-0	<0.0024U	<0.0046U	<0.0046U	<0.0024U	<0.0024U	<0.0024U	<0.0092U	<0.046U	0.184	<0.014U	<0.014U	<0.014U	<0.028U	<0.014U	-	-	-	-	-	-	<0.46U	<0.46U
SSHS-B56	B56	9/13/2000	0-0	<0.0022U	<0.0042U	<0.0042U	<0.0022U	<0.0022U	<0.0022U	<0.0085U	<0.042U	<0	<0.013U	<0.013U	<0.013U	<0.026U	<0.013U	-	-	-	-	-	-	<0.42U	<0.42U
SSHS-B57	B57	9/13/2000	0-0	<0.0021U	<0.004U	<0.004U	<0.0021U	<0.0021U	<0.0021U	<0.008U	<0.04U	1.06	<0.012U	<0.012U	<0.012U	<0.024U	<0.012U	-	-	-	-	-	-	<0.4U	<0.4U
SSHS-B58	B58	9/13/2000	0-0	<0.0019U	<0.0038U	<0.0038U	<0.0019U	<0.0019U	<0.0019U	<0.0075U	<0.038U	<0	<0.011U	<0.011U	<0.011U	<0.023U	<0.011U	-	-	-	-	-	-	<0.38U	<0.38U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	<0.058U	<0.053U	<0.19U	<0.082U	<0.074U	<0.018U	<0.013U	0.027	<0.041U	<0.053U	<0.017U	<0.038U	<0.057U	<0.065U	<0.11U	<0.018U	<0.059U	<0.04U	<0.018U	-	<0.079U	<0.12U
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	<0.064U	<0.058U	<0.21U	<0.09U	<0.082U	<0.02U	<0.015U	0.045	<0.045U	<0.058U	<0.019U	<0.042U	<0.063U	<0.071U	<0.12U	<0.02U	<0.066U	<0.044U	<0.02U	-	<0.087U	<0.14U
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	<0.061U	<0.056U	<0.2U	<0.086U	<0.078U	<0.02U	<0.014U	0.043	<0.043U	<0.056U	<0.018U	<0.04U	<0.06U	<0.068U	<0.11U	<0.02U	<0.063U	<0.042U	<0.02U	-	<0.084U	<0.13U
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	<0.059U	<0.054U	<0.19U	<0.084U	<0.076U	<0.019U	<0.014U	0.037	<0.042U	<0.054U	<0.018U	<0.039U	<0.058U	<0.066U	<0.11U	<0.019U	<0.061U	<0.041U	<0.019U	-	<0.081U	<0.13U
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	<0.062U	<0.056U	<0.2U	<0.087U	<0.078U	<0.02U	<0.014U	0.023	<0.043U	<0.056U	<0.018U	<0.041U	<0.06U	<0.069U	<0.11U	<0.02U	<0.063U	<0.042U	<0.02U	-	<0.084U	<0.13U
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	<0.062U	<0.056U	<0.2U	<0.087U	<0.079U	<0.02U	<0.014U	0.011	<0.044U	<0.056U	<0.018U	<0.041U	<0.061U	<0.069U	<0.11U	<0.02U	<0.063U	<0.042U	<0.02U	-	<0.085U	<0.13U
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	<0.065U	<0.059U	<0.21U	<0.092U	<0.083U	<0.021U	<0.015U	0.0095J	<0.046U	<0.059U	<0.019U	<0.043U	<0.064U	<0.072U	<0.12U	<0.021U	<0.067U	<0.044U	<0.021U	-	<0.089U	<0.14U
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	<0.064U	<0.058U	<0.21U	<0.09U	<0.081U	<0.02U	<0.014U	0.017	<0.045U	<0.058U	<0.019U	<0.042U	<0.062U	<0.071U	<0.12U	<0.02U	<0.065U	<0.043U	<0.02U	-	<0.087U	<0.14U
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	<0.062U	<0.057U	<0.2U	<0.088U	<0.079U	<0.02U	<0.014U	0.028	<0.044U	<0.057U	<0.018U	<0.041U	<0.061U	<0.069U	<0.11U	<0.02U	<0.064U	<0.042U	<0.02U	-	<0.085U	<0.13U
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	<0.06U	<0.054U	<0.19U	<0.084U	<0.076U	<0.019U	<0.014U	0.15	<0.042U	<0.054U	<0.018U	<0.039U	<0.058U	<0.066U	<0.11U	<0.019U	<0.061U	<0.041U	<0.019U	-	<0.081U	<0.13U
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	<0.07U	<0.064U	<0.23U	<0.098U	<0.089U	<0.022U	<0.016U	0.05	<0.049U	<0.064U	<0.021U	<0.046U	<0.068U	<0.078U	<0.13U	<0.022U	<0.071U	<0.048U	<0.022U	-	<0.095U	<0.15U
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	<0.066U	<0.06U	<0.21U	<0.093U	<0.084U	<0.021U	<0.015U	0.026	<0.046U	<0.06U	<0.019U	<0.043U	<0.064U	<0.073U	<0.12U	<0.021U	<0.067U	<0.045U	<0.021U	-	<0.09U	<0.14U
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	<0.067U	<0.061U	<0.22U	<0.095U	<0.086U	<0.021U	<0.015U	0.011	<0.047U	<0.061U	<0.02U	<0.044U	<0.066U	<0.075U	<0.12U	<0.021U	<0.069U	<0.046U	<0.021U	-	<0.092U	<0.14U
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	<0.081U	<0.074U	<0.26U	<0.11U	<0.1U	<0.026U	<0.018U	0.013	<0.057U	<0.074U	<0.024U	<0.053U	<0.079U	<0.09U	<0.15U	<0.026U	<0.083U	<0.055U	<0.026U	-	<0.11U	<0.17U
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	<0.076U	<0.069U	<0.25U	<0.11U	<0.097U	<0.024U	<0.017U	0.018	<0.054U	<0.069U	<0.022U	<0.05U	<0.074U	<0.085U	<0.14U	<0.024U	<0.078U	<0.052U	<0.024U	-	<0.1U	<0.16U
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	<0.061U	<0.056U	<0.2U	<0.087U	<0.078U	<0.02U	<0.014U	0.011	<0.043U	<0.056U	<0.018U	<0.041U	<0.06U	<0.068U	<0.11U	<0.02U	<0.063U	<0.042U	<0.02U	-	<0.084U	<0.13U
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	<0.066U	<0.06U	<0.21U	<0.093U	<0.084U	<0.021U	<0.015U	0.053	<0.047U	<0.06U	<0.02U	<0.044U	<0.065U	<0.074U	<0.12U	<0.021U	<0.068U	<0.045U	<0.021U	-	<0.09U	<0.14U
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	<0.082U	<0.075U	<0.27U	<0.12U	<0.1U	<0.026U	<0.019U	0.012	<0.058U	<0.075U	<0.024U	<0.054U	<0.08U	<0.092U	<0.15U	<0.026U	<0.084U	<0.056U	<0.026U	-	<0.11U	<0.18U
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	<0.051U	<0.047U	<0.17U	<0.073U	<0.066U	<0.016U	<0.012U	0.0065J	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.094U	<0.016U	<0.053U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	<0.065U	<0.059U	<0.21U	<0.091U	<0.083U	<0.021U	<0.015U	0.0089J	<0.046U	<0.059U	<0.019U	<0.043U	<0.063U	<0.072U	<0.12U	<0.021U	<0.066U	<0.044U	<0.021U	-	<0.088U	<0.14U
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	<0.062U	<0.056U	<0.2U	<0.088U	<0.079U	<0.02U	<0.014U	0.029	<0.044U	<0.056U	<0.018U	<0.041U	<0.061U	<0.069U	<0.11U	<0.02U	<0.064U	<0.042U	<0.02U	-	<0.085U	<0.13U
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	<0.052U	<0.047U	<0.17U	<0.073U	<0.066U	<0.016U	<0.012U	0.03	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.094U	<0.016U	<0.053U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	<0.05U	<0.046U	<0.16U	<0.071U	<0.064U	<0.016U	<0.011U	<0.00057U	<0.035U	<0.046U	<0.015U	<0.033U	<0.049U	<0.056U	<0.091U	<0.016U	<0.051U	<0.034U	<0.016U	-	<0.068U	<0.11U
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	<0.057U	<0.052U	<0.18U	<0.081U	<0.073U	<0.018U	<0.013U	<0.00065U	<0.04U	<0.052U	<0.017U	<0.038U	<0.056U	<0.064U	<0.1U	<0.018U	<0.059U	<0.039U	<0.018U	-	<0.078U	<0.12U
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	<0.099U	<0.09U	<0.32U	<0.14U	<0.13U	<0.032U	<0.023U	0.012J	<0.07U	<0.09U	<0.029U	<0.065U	<0.097U	<0.11U	<0.18U	<0.032U	<0.1U	<0.068U	<0.032U	-	<0.14U	<0.21U
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	<0.051U	<0.047U	<0.17U	<0.072U	<0.065U	<0.016U	<0.012U	<0.00058U	<0.036U	<0.047U	<0.015U	<0.034U	<0.05U	<0.057U	<0.093U	<0.016U	<0.052U	<0.035U	<0.016U	-	<0.07U	<0.11U
SSHS-B23	B23442	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-B24	B23402T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B24	B23446	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.39U	-	-	-	-	-	-	-	-	-	-	<0.39U	-	-
SSHS-B25	B23402T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23445	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.0091U	<0.071U	<0.54U	<0.036U	<0.047U	<0.0094U	<0.037U	<0.0081U	<0.032U	<0.2U	<0.05U	-	<0.048U	<0.19U	<0.18U	<0.039U	<0.042U	<0.036U	<0.05U	<0.044U	<0.18U	<0.16U
SSHS-B28	B23451	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.4U	-	-	-	-	-	-	-	-	-	-	<0.4U	-	-
SSHS-B29	B23403T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.0088U	<0.068U	<0.52U	<0.035U	<0.045U	<0.0091U	<0.036U	<0.0089J	<0.031U	<0.2U	<0.048U	-	<0.046U	<0.18U	<0.18U	<0.038U	<0.04U	<0.035U	<0.049U	<0.043U	<0.18U	<0.16U
SSHS-B30	B23404T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	<0.38U	-	-	-	-	-	-	-	-	-	-	<0.38U	-	-
SSHS-B33	B23452	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.35U	-	-	-	-	-	-	-	-	-	-	<0.35U	-	-
SSHS-B35	B23443	5/9/2000	0-0.25	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-B36	B36	9/12/2000	0-0	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B37	B37	9/12/2000	0-0	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B38	B38	9/12/2000	0-0	<0.38U	<0.38U	<2U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<0.38U	-	<0.38U	<2U	<2U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<2U
SSHS-B39	B39	9/12/2000	0-0	<0.42U	<0.42U	<2.1U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.1U	<0.42U	-	<0.42U	<2.1U	<2.1U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.1U	<2.1U
SSHS-B40	B40	9/12/2000	0-0	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	-	<0.41U	<2.1U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<2.1U
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	<0.0081U	<0.063U	<0.48U	<0.032U	<0.041UJ	<0.0084UJ	<0.033U	<0.0072U	<0.028U	<0.18U	<0.044U	-	<0.043U	<0.17UJ	<0.16UJ	<0.035UJ	<0.037U	<0.032UJ	<0.045UJ	<0.039U	<0.16U	<0.15U
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	<0.0086U	<0.067U	<0.51U	<0.034U	<0.044U	<0.0089U	<0.035U	0.026J	<0.03U	<0.19U	<0.047U	-	<0.045U	<0.18U	<0.17U	<0.037U	<0.039U	<0.034U	<0.047U	<0.042U	<0.17U	<0.16U
SSHS-B41	B41	9/12/2000	0-0	<0.39U	<0.39U	<2U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<0.39U	-	<0.39U	<2U	<2U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<2U
SSHS-B42	B42	9/12/2000	0-0	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	-	<0.41U	<2.1U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<2.1U
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.0081U	<0.063U	<0.48U	<0.033U	<0.042U	<0.0084U	<0.033U	0.091	<0.028U	<0.18U	<0.044U	-	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.039U	<0.16U	<0.15U
SSHS-B43	B43	9/12/2000	0-0	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.0082U	<0.064U	<0.49U	<0.033U	<0.042U	<0.0085U	<0.033U	<0.0074U	<0.029U	<0.18U	<0.045U	-	<0.043U	<0.17U	<0.16U	<0.036U	<0.038U	<0.033U	<0.045U	<0.04U	<0.17U	<0.15U
SSHS-B44	B44	9/13/2000	0-0	<0.42U	<0.42U	<2.2U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<0.42U	-	<0.42U	<2.2U	<2.2U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<2.2U
SSHS-B45	B45	9/13/2000	0-0	<0.43U	<0.43U	<2.2U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<0.43U	-	<0.43U	<2.2U	<2.2U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<2.2U
SSHS-B46	B46	9/13/2000	0-0	<0.43U	<0.43U	<2.2U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<0.43U	-	<0.43U	<2.2U	<2.2U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<2.2U
SSHS-B47	B47	9/13/2000	0-0	<0.43U	<0.43U	<2.2U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<0.43U	-	<0.43U	<2.2U	<2.2U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<2.2U
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	<0.0015U	<0.012U	<0.09U	<0.0061U	<0.0078U	<0.0016U	<0.0062U	0.032	<0.0053U	<0.034U	<0.0083U	-	<0.008U	<0.031U	<0.03U	<0.0066U	<0.007U	<0.0061U	<0.0084U	<0.0074U	<0.031U	<0.028U
SSHS-B48	B48	9/13/2000	0-0	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	-	<0.44U	<2.3U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<2.3U
SSHS-B49	B49	9/13/2000	0-0	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	-	<0.41U	<2.1U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<2.1U
SSHS-B50	B50	9/13/2000	0-0	<0.42U	<0.42U	<2.2U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<0.42U	-	<0.42U	<2.2U	<2.2U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<2.2U
SSHS-B51	B51	9/13/2000	0-0	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-B52	B52	9/13/2000	0-0	<0.46U	<0.46U	<2.4U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<2.4U	<0.46U	-	<0.46U	<2.4U	<2.4U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<2.4U	<2.4U
SSHS-B53	B53	9/13/2000	0-0	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	-	<0.44U	<2.3U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<2.3U
SSHS-B54	B54	9/13/2000	0-0	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	-	<0.44U	<2.3U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<2.3U
SSHS-B55	B55	9/13/2000	0-0	<0.46U	<0.46U	<2.4U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<2.4U	<0.46U	-	<0.46U	<2.4U	<2.4U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<2.4U	<2.4U
SSHS-B56	B56	9/13/2000	0-0	<0.42U	<0.42U	<2.2U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<0.42U	-	<0.42U	<2.2U	<2.2U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<2.2U
SSHS-B57	B57	9/13/2000	0-0	<0.4U	<0.4U	<2.1U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2.1U	<0.4U	-	<0.4U	<2.1U	<2.1U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2.1U	<2.1U
SSHS-B58	B58	9/13/2000	0-0	<0.38U	<0.38U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<0.38U	-	<0.38U	<1.9U	<1.9U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<1.9U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	<0.001U	0.017	<0.015U	0.014	<0.048U	0.079	0.078J	0.091	0.13	0.035	0.053	-	<0.016U	<0.016U	<0.013U	0.25	<0.029U	<0.099U	<0.025U	0.095	<0.00087U	<0.017U
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	<0.0011U	0.059	<0.016U	0.12	<0.052U	0.23	0.24	0.25	0.4	0.13	0.098	-	<0.017U	<0.017U	<0.015U	0.34	<0.032U	<0.11U	0.04J	0.26	0.038	0.043J
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	0.021	0.04	<0.015U	0.054	<0.05U	0.2	0.085J	0.21	0.28	0.085	0.1	-	<0.017U	<0.017U	<0.014U	0.088J	<0.031U	<0.1U	<0.026U	0.21	0.022	0.048J
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	0.0075J	0.042	<0.015U	0.029	<0.049U	0.14	0.067J	0.18	0.27	0.09	0.092	-	<0.016U	<0.016U	<0.014U	0.32	<0.03U	<0.1U	<0.026U	0.17	0.018	0.034J
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	0.012	0.038	<0.015U	0.03	<0.05U	0.13	0.092J	0.15	0.2	0.086	0.083	-	<0.017U	<0.017U	<0.014U	0.14	<0.031U	<0.1U	<0.027U	0.14	0.03	0.018J
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	<0.0011U	<0.00049U	<0.016U	0.0088J	<0.051U	0.043	<0.032U	0.045	0.063	0.038	0.027	-	<0.017U	<0.017U	<0.014U	<0.072U	<0.031U	<0.11U	<0.027U	0.047	<0.00093U	<0.018U
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	<0.0011U	0.016	<0.016U	0.0091J	<0.053U	0.042	<0.034U	0.047	0.069	0.049	0.029	-	<0.018U	<0.018U	<0.015U	<0.075U	<0.033U	<0.11U	<0.028U	0.048	<0.00098U	<0.019U
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	<0.0011U	0.019	<0.016U	0.011	<0.052U	0.052	0.052J	0.062	0.094	0.031	0.038	-	<0.017U	<0.017U	<0.014U	<0.074U	<0.032U	<0.11U	<0.027U	0.067	<0.00095U	<0.019U
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	<0.0011U	0.027	<0.016U	0.018	<0.051U	0.078	<0.033U	0.09	0.13	0.096	0.045	-	<0.017U	<0.017U	<0.014U	<0.072U	<0.031U	<0.11U	<0.027U	0.085	<0.00093U	<0.018U
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	<0.001U	0.22	0.055J	0.11	<0.049U	0.45	0.13J	0.59	1	0.29	0.44	-	<0.016U	<0.016U	<0.014U	0.31	0.046J	<0.1U	0.078	0.55	0.068	0.093
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	<0.0012U	0.052	<0.017U	0.043	<0.057U	0.16	<0.037U	0.19	0.27	0.095	0.13	-	<0.019U	<0.019U	<0.016U	<0.081U	<0.035U	<0.12U	<0.03U	0.19	<0.001U	0.03J
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	0.026	0.011	<0.016U	0.076	<0.054U	0.16	0.053J	0.12	0.17	0.085	0.055	-	<0.018U	<0.018U	<0.015U	<0.076U	<0.033U	<0.11U	0.029J	0.16	0.023	0.024J
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	<0.0012U	0.015	<0.017U	0.013	<0.055U	0.054	<0.035U	0.05	0.077	0.045	0.022	-	<0.018U	<0.018U	<0.015U	<0.078U	<0.034U	<0.11U	<0.029U	0.062	0.011	<0.02U
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	<0.0014U	0.0084J	<0.02U	0.0091J	<0.066U	0.037	<0.042U	0.035	0.051	0.029	0.017	-	<0.022U	<0.022U	<0.018U	<0.094U	<0.04U	<0.14U	<0.035U	0.046	<0.0012U	<0.024U
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	<0.0013U	0.0067J	0.072J	0.0095J	<0.062U	0.042	0.078J	0.056	0.11	0.094	0.038	-	<0.021U	<0.021U	<0.017U	0.52	0.054J	<0.13U	<0.033U	0.085	<0.0011U	<0.022U
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	<0.0011U	0.013	<0.015U	0.0095	<0.05U	0.039	0.053J	0.035	0.061	0.037	0.014	-	<0.017U	<0.017U	<0.014U	<0.071U	<0.031U	<0.1U	<0.027U	0.044	0.0093	<0.018U
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	<0.0011U	0.039	<0.017U	0.024	<0.054U	0.14	0.041J	0.11	0.18	0.091	0.059	-	<0.018U	<0.018U	<0.015U	<0.077U	<0.033U	<0.11U	<0.029U	0.16	0.027	0.02J
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	<0.0014U	<0.00065U	0.031J	0.0082J	<0.067U	0.076	<0.043U	0.084	0.16	0.069	0.046	-	<0.022U	<0.022U	<0.019U	0.31	<0.041U	<0.14U	<0.036U	0.12	0.016	<0.024U
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	<0.00089U	0.0084	<0.013U	0.012	<0.042U	0.047	<0.027U	0.049	0.063	0.033	0.024	-	<0.014U	<0.014U	<0.012U	0.11	<0.026U	<0.088U	<0.022U	0.054	0.0095	<0.015U
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	<0.0011U	0.01	<0.016U	0.011	<0.053U	0.038	0.039J	0.033	0.049	0.03	0.025	-	<0.018U	<0.018U	<0.015U	<0.075U	<0.032U	<0.11U	<0.028U	0.044	<0.00097U	<0.019U
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	<0.0011U	0.03	0.026J	0.013	<0.051U	0.086	0.2	0.11	0.18	0.056	0.05	-	<0.017U	<0.017U	<0.014U	0.37	<0.031U	<0.11U	<0.027U	0.11	<0.00093U	<0.018U
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	0.052	0.011	<0.013U	0.14	<0.042U	0.22	<0.027U	0.18	0.22	0.092	0.084	-	<0.014U	<0.014U	<0.012U	<0.06U	<0.026U	<0.088U	0.079	0.21	0.031	0.054J
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	<0.00087U	0.0054J	<0.013U	0.005J	<0.041U	0.026	<0.026U	0.031	0.042	0.02	0.019	-	<0.014U	<0.014U	<0.011U	<0.058U	<0.025U	<0.086U	<0.022U	0.028	0.0076	<0.015U
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	<0.00099U	<0.00046U	<0.014U	<0.001U	<0.047U	0.026	<0.03U	0.026	0.037	0.023	0.012	-	<0.016U	<0.016U	<0.013U	0.094	<0.029U	<0.098U	<0.025U	0.034	<0.00086U	<0.017U
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	<0.0017U	<0.00079U	0.03J	0.0081J	<0.081U	0.046	<0.052U	0.047	0.084	0.072	0.036	-	<0.027U	<0.027U	<0.023U	0.61	<0.05U	<0.17U	<0.043U	0.072	<0.0015U	<0.029U
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	<0.00089U	0.014	<0.013U	0.017	<0.042U	0.082	<0.027U	0.096	0.12	0.059	0.04	-	<0.014U	<0.014U	<0.012U	<0.059U	<0.026U	<0.087U	<0.022U	0.095	0.017	<0.015U
SSHS-B23	B23442	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	<0.39U
SSHS-B24	B23402T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B24	B23446	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	<0.39U
SSHS-B25	B23402T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23445	5/9/2000	0-0.25	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	0.041J	0.041J	<0.38U	0.039J	-	-	-	-	-	-	-	-	0.047J	<0.38U	<0.38U
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.0087U	<0.01U	<0.037U	<0.0088U	<0.044U	<0.053J	<0.068U	<0.066J	0.092	<0.074J	<0.042J	-	<0.03U	<0.012U	<0.0097U	<0.073U	<0.062U	<0.34U	<0.0083U	<0.074J	<0.01U	<0.044U
SSHS-B28	B23451	5/9/2000	0-0.25	<0.4U	<0.4U	-	<0.4U	-	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U	-	-	-	-	-	-	-	-	<0.4U	<0.4U	<0.4U
SSHS-B29	B23403T2	7/11/2000	0-0.25	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	0.045J	0.047J	0.04J	0.043J	-	-	-	-	-	-	-	-	0.057J	<0.38U	<0.38U
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.0084U	<0.01U	<0.036U	<0.022J	<0.043U	<0.083J	<0.065U	<0.076J	<0.073J	<0.06J	<0.071J	-	<0.029U	<0.012U	<0.0094U	<0.1J	<0.06U	<0.33U	<0.0081U	0.11	<0.0097U	<0.043U
SSHS-B30	B23404T2	7/11/2000	0-0.25	<0.38U	<0.38U	-	<0.38U	-	0.1J	-	0.16J	0.17J	0.12J	0.19J	-	-	-	-	-	-	-	-	0.12J	<0.38U	<0.38U
SSHS-B33	B23452	5/9/2000	0-0.25	<0.35U	<0.35U	-	<0.35U	-	<0.35U	-	<0.35U	<0.35U	<0.35U	<0.35U	-	-	-	-	-	-	-	-	<0.35U	<0.35U	<0.35U
SSHS-B35	B23443	5/9/2000	0-0.25	<0.41U	<0.41U	-	<0.41U	-	0.23J	-	0.27J	0.28J	0.25J	0.24J	-	-	-	-	-	-	-	-	0.32J	0.071J	<0.41U
SSHS-B36	B36	9/12/2000	0-0	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B37	B37	9/12/2000	0-0	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B38	B38	9/12/2000	0-0	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U
SSHS-B39	B39	9/12/2000	0-0	<0.42U	<0.42U	-	<0.42U	-	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U
SSHS-B40	B40	9/12/2000	0-0	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	<0.0077U	0.11J	<0.033U	0.19J	<0.039U	0.64J	-	0.61J	0.72J	0.5	0.32	-	<0.026U	<0.011U	<0.0087U	<0.065U	<0.055UJ	<0.3U	0.095	0.55J	<0.0089U	<0.04UJ
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	<0.0082U	<0.0098U	<0.035U	0.028J	<0.042U	0.18	<0.064U	0.21	0.28	0.18	0.15	-	<0.028U	<0.011U	<0.0092U	0.13J	<0.058U	<0.32U	0.029J	0.23	<0.0095U	<0.042U
SSHS-B41	B41	9/12/2000	0-0	<0.39U	<0.39U	-	<0.39U	-	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U
SSHS-B42	B42	9/12/2000	0-0	<0.41U	<0.41U	-	<0.41U	-	0.11J	-	0.13J	0.12J	0.11J	0.13J	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	0.13J	<0.41U	<0.41U
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.0077U	0.18	<0.033U	0.092	<0.039U	0.37	<0.06U	0.41	0.56	0.43	0.28	-	<0.027U	<0.011U	<0.0087U	<0.065U	<0.055U	<0.3U	<0.018J	0.48	0.095	<0.04U
SSHS-B43	B43	9/12/2000	0-0	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.0079U	<0.0094U	<0.034U	<0.0088U	<0.04U	<0.028J	<0.061U	<0.026J	<0.029J	<0.021J	<0.017J	-	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	<0.027J	<0.0091U	<0.04U
SSHS-B44	B44	9/13/2000	0-0	<0.42U	<0.42U	-	<0.42U	-	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U
SSHS-B45	B45	9/13/2000	0-0	<0.43U	<0.43U	-	<0.43U	-	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	<0.43U	0.047J	<0.43U	<0.43U
SSHS-B46	B46	9/13/2000	0-0	<0.43U	<0.43U	-	<0.43U	-	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	<0.43U	<0.43U	<0.43U	<0.43U
SSHS-B47	B47	9/13/2000	0-0	<0.43U	0.44	-	0.37J	-	1.1	-	1.4	1.1	1.2	1.1	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	-	0.054J	1.3	0.36J	<0.43U
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	0.015	0.37	<0.0085J	0.29	<0.0074U	0.9	<0.011U	0.84	1.1	0.82	0.48	-	<0.005U	<0.002U	<0.0016U	<0.035J	<0.038J	<0.057U	0.056	1.1	0.22	<0.018J
SSHS-B48	B48	9/13/2000	0-0	<0.44U	<0.44U	-	<0.44U	-	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U
SSHS-B49	B49	9/13/2000	0-0	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U
SSHS-B50	B50	9/13/2000	0-0	<0.42U	<0.42U	-	<0.42U	-	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U
SSHS-B51	B51	9/13/2000	0-0	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-B52	B52	9/13/2000	0-0	<0.46U	<0.46U	-	<0.46U	-	<0.46U	-	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	-	<0.46U	<0.46U	<0.46U	<0.46U
SSHS-B53	B53	9/13/2000	0-0	<0.44U	<0.44U	-	<0.44U	-	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U
SSHS-B54	B54	9/13/2000	0-0	<0.44U	<0.44U	-	<0.44U	-	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U
SSHS-B55	B55	9/13/2000	0-0	<0.46U	<0.46U	-	<0.46U	-	<0.46U	-	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	-	<0.46U	0.056J	<0.46U	<0.46U
SSHS-B56	B56	9/13/2000	0-0	<0.42U	<0.42U	-	<0.42U	-	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	0.044J	<0.42U	-	<0.42U	<0.42U	<0.42U	<0.42U
SSHS-B57	B57	9/13/2000	0-0	<0.4U	<0.4U	-	<0.4U	-	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U
SSHS-B58	B58	9/13/2000	0-0	<0.38U	<0.38U	-	<0.38U	-	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	-	<0.38U	<0.38U	<0.38U	<0.38U

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																							VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B2127	SSHS-B2127-SS	7/28/2018	0-0.17	<0.041U	<0.018U	<0.029U	<0.037U	0.16	<0.0007U	<0.0028U	<0.016U	<0.082U	<0.012U	0.035	<0.016U	0.073	<0.017U	<0.015U	<0.016U	<0.077U	0.067	<0.011U	0.13	-	-	-
SSHS-B2128	SSHS-B2128-SS	7/28/2018	0-0.17	<0.045U	<0.02U	<0.032U	<0.041U	0.5	0.013	<0.0031U	<0.017U	<0.09U	<0.013U	0.13	<0.017U	0.16	<0.019U	<0.016U	<0.017U	<0.085U	0.25	0.038J	0.4	-	-	-
SSHS-B2129	SSHS-B2129-SS	7/28/2018	0-0.17	<0.043U	<0.02U	<0.031U	<0.039U	0.43	0.015	<0.0029U	<0.017U	<0.086U	<0.013U	0.082	<0.017U	0.16	<0.018U	<0.015U	<0.017U	<0.081U	0.23	0.084	0.34	-	-	-
SSHS-B2143	SSHS-B2143-SS	7/28/2018	0-0.17	<0.042U	<0.019U	<0.03U	<0.038U	0.31	<0.00072U	<0.0028U	<0.016U	<0.084U	<0.012U	0.082	<0.016U	0.12	<0.018U	<0.015U	<0.016U	<0.078U	0.11	<0.011U	0.24	-	-	-
SSHS-B2192	SSHS-B2192-SS	7/28/2018	0-0.17	<0.043U	<0.02U	<0.031U	<0.039U	0.22	0.0075J	<0.0029U	<0.017U	<0.087U	<0.013U	0.076	<0.017U	0.059	<0.018U	<0.015U	<0.017U	<0.081U	0.093	0.026J	0.17	-	-	-
SSHS-B2193	SSHS-B2193-SS	7/24/2018	0-0.17	<0.044U	<0.02U	<0.031U	<0.039U	0.076	<0.00075U	<0.003U	<0.017U	<0.087U	<0.013U	0.027	<0.017U	0.029	<0.018U	<0.016U	<0.017U	<0.082U	0.042	<0.011U	0.07	-	-	-
SSHS-B2194	SSHS-B2194-SS	7/24/2018	0-0.17	<0.046U	<0.021U	<0.033U	<0.041U	0.074	<0.00078U	<0.0031U	<0.018U	<0.092U	<0.013U	0.039	<0.018U	0.016	<0.019U	<0.016U	<0.018U	<0.086U	0.032	<0.012U	0.072	-	-	-
SSHS-B2195	SSHS-B2195-SS	7/24/2018	0-0.17	<0.045U	<0.02U	<0.032U	<0.04U	0.092	<0.00077U	<0.003U	<0.017U	<0.09U	<0.013U	0.031	<0.017U	0.038	<0.019U	<0.016U	<0.017U	<0.084U	0.041	<0.012U	0.072	-	-	-
SSHS-B2214	SSHS-B2214-SS	7/24/2018	0-0.17	<0.044U	<0.02U	<0.031U	<0.04U	0.15	<0.00075U	<0.003U	<0.017U	<0.088U	<0.013U	0.071	<0.017U	0.075	<0.018U	<0.016U	<0.017U	<0.082U	0.082	0.029J	0.14	-	-	-
SSHS-B2215	SSHS-B2215-SS	7/24/2018	0-0.17	<0.042U	<0.019U	<0.03U	<0.038U	0.99	0.015	<0.0028U	<0.016U	<0.084U	<0.012U	0.29	<0.016U	0.59	<0.018U	<0.015U	<0.016U	<0.079U	0.38	0.031J	0.79	-	-	-
SSHS-B2217	SSHS-B2217-SS	7/26/2018	0-0.17	<0.049U	<0.022U	<0.035U	<0.044U	0.4	<0.00084U	<0.0033U	<0.019U	<0.098U	<0.014U	0.1	<0.019U	0.19	<0.021U	<0.017U	<0.019U	<0.092U	0.18	<0.013U	0.24	-	-	-
SSHS-B2221	SSHS-B2221-SS	7/25/2018	0-0.17	<0.046U	<0.021U	<0.033U	<0.042U	0.31	0.037	<0.0031U	<0.018U	<0.093U	<0.013U	0.08	<0.018U	0.028	<0.019U	<0.016U	<0.018U	<0.087U	0.27	0.04J	0.26	-	-	-
SSHS-B2222	SSHS-B2222-SS	7/25/2018	0-0.17	<0.047U	<0.021U	<0.034U	<0.043U	0.087	<0.00081U	<0.0032U	<0.018U	<0.095U	<0.014U	0.036	<0.018U	0.011	<0.02U	<0.017U	<0.018U	<0.089U	0.047	0.33	0.084	-	-	-
SSHS-B2223	SSHS-B2223-SS	7/25/2018	0-0.17	<0.057U	<0.026U	<0.04U	<0.051U	0.064	<0.00097U	<0.0039U	<0.022U	<0.11U	<0.017U	0.03	<0.022U	0.013	<0.024U	<0.02U	<0.022U	<0.11U	0.031	0.12	0.057	-	-	-
SSHS-B2224	SSHS-B2224-SS	7/25/2018	0-0.17	<0.054U	<0.024U	<0.038U	<0.048U	0.1	<0.00092U	<0.0036U	<0.021U	<0.11U	<0.016U	0.046	<0.021U	0.016	<0.022U	<0.019U	<0.021U	<0.1U	0.04	0.049J	0.085	-	-	-
SSHS-B2225	SSHS-B2225-SS	7/25/2018	0-0.17	<0.043U	<0.02U	<0.031U	<0.039U	0.062	<0.00074U	<0.0029U	<0.017U	<0.087U	<0.013U	0.029	<0.017U	0.015	<0.018U	<0.015U	<0.017U	<0.081U	0.029	0.11	0.054	-	-	-
SSHS-B2226	SSHS-B2226-SS	7/25/2018	0-0.17	<0.047U	<0.021U	<0.033U	<0.042U	0.24	<0.0008U	<0.0032U	<0.018U	<0.093U	<0.014U	0.085	<0.018U	0.038	<0.02U	<0.017U	<0.018U	<0.087U	0.1	0.086	0.23	-	-	-
SSHS-B2228	SSHS-B2228-SS	7/24/2018	0-0.17	<0.058U	<0.026U	<0.041U	<0.052U	0.17	<0.00099U	<0.0039U	<0.022U	<0.12U	<0.017U	0.055	<0.022U	0.01J	<0.024U	<0.021U	<0.022U	<0.11U	0.06	<0.015U	0.13	-	-	-
SSHS-B2229	SSHS-B2229-SS	7/28/2018	0-0.17	<0.036U	<0.016U	<0.026U	<0.033U	0.092	<0.00062U	<0.0025U	<0.014U	<0.073U	<0.011U	0.031	<0.014U	0.02	<0.015U	<0.013U	<0.014U	<0.068U	0.049	<0.0094U	0.076	-	-	-
SSHS-B2232	SSHS-B2232-SS	7/25/2018	0-0.17	<0.046U	<0.021U	<0.032U	<0.041U	0.062	0.0049J	<0.0031U	<0.018U	<0.091U	<0.013U	0.028	<0.018U	0.015	<0.019U	<0.016U	<0.018U	<0.085U	0.036	<0.012U	0.056	-	-	-
SSHS-B2233	SSHS-B2233-SS	7/28/2018	0-0.17	<0.044U	<0.02U	<0.031U	<0.04U	0.18	<0.00075U	<0.003U	<0.017U	<0.088U	<0.013U	0.047	<0.017U	0.079	<0.018U	<0.016U	<0.017U	<0.082U	0.057	<0.011U	0.14	-	-	-
SSHS-B2234	SSHS-B2234-SUB-SS	7/23/2018	0-0.17	<0.036U	<0.016U	<0.026U	<0.033U	0.45	0.069	<0.0025U	<0.014U	<0.073U	<0.011U	0.095	<0.014U	0.054	<0.015U	<0.013U	<0.014U	<0.068U	0.51	<0.0094U	0.32	-	-	-
SSHS-B2235	SSHS-B2235-SUB-SS	7/23/2018	0-0.17	<0.035U	<0.016U	<0.025U	<0.032U	0.061	<0.00061U	<0.0024U	<0.014U	<0.071U	<0.01U	0.019	<0.014U	<0.00094U	<0.015U	<0.013U	<0.014U	<0.066U	0.027	<0.0091U	0.047	-	-	-
SSHS-B2236	SSHS-B2236-SS	7/25/2018	0-0.17	<0.04U	<0.018U	<0.029U	<0.036U	0.051	<0.00069U	<0.0027U	<0.016U	<0.081U	<0.012U	0.019	<0.016U	<0.0011U	<0.017U	<0.014U	<0.016U	<0.075U	0.021	<0.01U	0.043	-	-	-
SSHS-B2237	SSHS-B2237-SS	7/24/2018	0-0.17	<0.07U	<0.032U	<0.05U	<0.063U	0.1	<0.0012U	<0.0047U	<0.027U	<0.14U	<0.02U	0.036	<0.027U	<0.0018U	<0.029U	<0.025U	<0.027U	<0.13U	0.049	<0.018U	0.078	-	-	-
SSHS-B2238	SSHS-B2238-SUB-SS	7/23/2018	0-0.17	<0.036U	<0.016U	<0.026U	<0.033U	0.18	0.0065J	<0.0024U	<0.014U	<0.072U	<0.01U	0.052	<0.014U	0.0046J	<0.015U	<0.013U	<0.014U	<0.068U	0.077	<0.0093U	0.14	-	-	-
SSHS-B23	B23442	5/9/2000	0-0.25	-	-	-	-	0.87	<0.39U	<0.39U	-	-	-	0.32J	-	<0.39U	-	-	-	<0.94U	0.34J	<0.39U	0.9	-	<0.39U	-
SSHS-B24	B23402T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B24	B23446	5/9/2000	0-0.25	-	-	-	-	0.15J	<0.39U	<0.39U	-	-	-	0.061J	-	<0.39U	-	-	-	<0.95U	0.048J	<0.39U	0.13J	-	<0.39U	-
SSHS-B25	B23402T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23403T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-B25	B23445	5/9/2000	0-0.25	-	-	-	-	0.074J	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<0.92U	<0.38U	<0.38U	0.057J	-	<0.38U	-
SSHS-B26-A	SSHS-B26-A-SS	8/14/2014	0-0.17	<0.049U	<0.049U	<0.057U	<0.048U	0.12	<0.012U	<0.0096U	<0.01U	<0.049U	<0.032U	<0.061J	<0.034U	<0.0078U	<0.038U	<0.011U	<0.042U	<0.04U	<0.043J	<0.011U	0.095	-	<0.031U	-
SSHS-B28	B23451	5/9/2000	0-0.25	-	-	-	-	<0.4U	<0.4U	<0.4U	-	-	-	<0.4U	-	<0.4U	-	-	-	<0.97U	<0.4U	<0.4U	0.042J	-	<0.4U	-
SSHS-B29	B23403T2	7/11/2000	0-0.25	-	-	-	-	0.071J	<0.38U	<0.38U	-	-	-	<0.38U	-	<0.38U	-	-	-	<2U	<0.38U	<0.38U	0.072J	-	<0.38U	-
SSHS-B29-A	SSHS-B29-A-SS	8/13/2014	0-0.17	<0.048U	<0.048U	<0.055U	<0.046U	0.19	<0.012U	<0.0093U	<0.0098U	<0.047U	<0.031U	<0.049J	<0.033U	<0.0075U	<0.036U	<0.01U	<0.04U	<0.039U	0.1	<0.01U	0.17	-	<0.00071U	-
SSHS-B30	B23404T2	7/11/2000	0-0.25	-	-	-	-	0.24J	<0.38U	<0.38U	-	-	-	0.12J	-	<0.38U	-	-	-	<2U	0.08J	<0.38U	0.25J	-	<0.38U	-
SSHS-B33	B23452	5/9/2000	0-0.25	-	-	-	-	<0.35U	<0.35U	<0.35U	-	-	-	<0.35U	-	<0.35U	-	-	-	<0.85U	<0.35U	<0.35U	<0.35U	-	<0.35U	-
SSHS-B35	B23443	5/9/2000	0-0.25	-	-	-	-	0.59	<0.41U	<0.41U	-	-	-	0.23J	-	<0.41U	-	-	-	<0.99U	0.18J	<0.41U	0.44	-	<0.41U	-
SSHS-B36	B36	9/12/2000	0-0	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B37	B37	9/12/2000	0-0	<0.37U	<0.37U	<0.37U	<0.37U	0.045J	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B38	B38	9/12/2000	0-0	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<2U	<0.38U	<0.38U	<0.38U	-	<0.38U	-
SSHS-B39	B39	9/12/2000	0-0	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.1U	<0.42U	<0.42U	<0.42U	-	<0.42U	-
SSHS-B40	B40	9/12/2000	0-0	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-B405	SSHS-B405-SS	8/25/2016	0-0.17	<0.044U	<0.044UJ	<0.05U	<0.042UJ	1.3	<0.011U	<0.0086UJ	<0.009U	<0.043U	<0.029U	0.46	<0.03U	0.061J	<0.033U	<0.0094U	<0.037UJ	<0.036U	0.65	<0.0095U	0.95J	-	-	-
SSHS-B406	SSHS-B406-SS	8/25/2016	0-0.17	<0.047U	<0.046U	<0.053U	<0.045U	0.47	<0.011U	<0.0091U	<0.0095U	<0.046U	<0.031U	0.16	<0.032U	0.061J	<0.035U	<0.01U	<0.039U	<0.038U	0.15	<0.01U	0.31	-	-	-
SSHS-B41	B41	9/12/2000	0-0	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<0.39U	<0.39U	<0.39U	-	<0.39U	-
SSHS-B42	B42	9/12/2000	0-0	<0.41U	<0.41U	<0.41U	<0.41U	0.17J	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	0.11J	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	0.068J	<0.41U	0.2J	-	<0.41U	-
SSHS-B42-A	SSHS-B42-A-SS	8/15/2014	0-0.17	<0.044U	<0.044U	<0.05U	<0.042U	0.5	<0.011J	<0.0086U	<0.009U	<0.043U	<0.029U	0.34	<0.03U	0.13	<0.034U	<0.0095U	<0.037U	<0.036U	0.14	<0.0095U	0.56	-	<0.00073U	-
SSHS-B43	B43	9/12/2000	0-0	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B43-A	SSHS-B43-A-SS	8/15/2014	0-0.17	<0.045U	<0.045U	<0.051U	<0.043U	<0.035J	<0.011U	<0.0087U	<0.0092U	<0.044U	<0.029U	<0.019J	<0.031U	<0.0071U	<0.034U	<0.0096U	<0.038U	<0.037U	<0.017J	<0.0097U	<0.034J	-	<0.028UJ	-
SSHS-B44	B44	9/13/2000	0-0	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<0.42U	<0.42U	<0.42U	-	<0.42U	-
SSHS-B45	B45	9/13/2000	0-0	<0.43U	<0.43U	<0.43U	<0.43U	0.057J	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<0.43U	<0.43U	0.059J	-	<0.43U	-
SSHS-B46	B46	9/13/2000	0-0	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	<0.43U	<0.43U	<0.43U	-	<0.43U	-
SSHS-B47	B47	9/13/2000	0-0	<0.43U	<0.43U	<0.43U	<0.43U	1.3	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	1	<0.43U	<0.43U	<0.43U	<0.43U	<0.43U	<2.2U	0.28J	<0.43U	1.6	-	<0.43U	-
SSHS-B47-A	SSHS-B47-A-SS	7/21/2014	0-0.17	<0.0083U	<0.0082U	<0.013J	<0.008U	1.5	0.044	<0.0016U	<0.0017U	<0.0082U	<0.0054U	0.7	<0.0057U	0.049	<0.0063U	<0.0018U	<0.007U	<0.0068U	0.48	<0.0018U	1.3	-	-	-
SSHS-B48	B48	9/13/2000	0-0	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	-	<0.44U	-
SSHS-B49	B49	9/13/2000	0-0	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-B50	B50	9/13/2000	0-0	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<0.42U	<0.42U	<0.42U	-	<0.42U	-
SSHS-B51	B51	9/13/2000	0-0	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-B52	B52	9/13/2000	0-0	<0.46U	<0.46U	<0.46U	<0.46U	0.049J	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<2.4U	<0.46U	<0.46U	<0.46U	-	<0.46U	-
SSHS-B53	B53	9/13/2000	0-0	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	-	<0.44U	-
SSHS-B54	B54	9/13/2000	0-0	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	-	<0.44U	-
SSHS-B55	B55	9/13/2000	0-0	<0.46U	<0.46U	<0.46U	<0.46U	0.067J	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<0.46U	<2.4U	<0.46U	<0.46U	0.061J	-	<0.46U	-
SSHS-B56	B56	9/13/2000	0-0	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<0.42U	<2.2U	<0.42U	<0.42U	<0.42U	-	<0.42U	-
SSHS-B57	B57	9/13/2000	0-0	<0.4U	<0.4U	<0.4U	<0.4U	0.63	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2.1U	<0.4U	<0.4U	0.43	-	<0.4U	-
SSHS-B58	B58	9/13/2000	0-0	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<0.38U	<1.9U	<0.38U	<0.38U	<0.38U	-	<0.38U	-

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
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	Chloroform
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.0004	0.00045	0.00051	0.00044	0.00084	0.0003	0.00037	0.00051	0.00036	0.00052	0.00046	0.00034	0.00085	0.00034	0.00041	0.00035	0.00027	0.00028	0.00033	0.00078	0.00036
			Restricted - Residential	4.8	41	100			100	100			26	100		3.1						2.4			49
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B59	B59	9/13/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.00081U	<0.00077U	<0.00088U	<0.0018U	<0.00094U	-	<0.00059U	<0.00087U	<0.001U	<0.00069U	<0.001U	<0.0009U	<0.00074U	-	<0.00065U	<0.00083U	<0.00068U	<0.00053U	<0.00054U	<0.00086U	<0.0019U	<0.00071U
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.00081U	<0.00077U	<0.00087U	<0.0018U	<0.00093U	-	<0.00058U,*	<0.00086U	<0.00099U	<0.00069U	<0.001U	<0.00089U	<0.00073U	-	<0.00065U	<0.00082U	<0.00067U	<0.00053U	<0.00053U,*	<0.00085U	<0.0019U	<0.0007U
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.00086U	<0.00082U	<0.00093U	<0.0019U	<0.00099U	-	<0.00062U	<0.00091U	<0.0011U	<0.00073U	<0.0011U	<0.00095U	<0.00078U	-	<0.00069U	<0.00087U	<0.00071U	<0.00056U	<0.00057U	<0.0009U	<0.002U	<0.00074U
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.00088U	<0.00084U	<0.00095U	<0.0019U	<0.001U	-	<0.00063U	<0.00094U	<0.0011U	<0.00075U	<0.0011U	<0.00097U	<0.0008U	-	<0.00071U	<0.0009U	<0.00073U	<0.00058U	<0.00058U	<0.00092U	<0.002U	<0.00076U
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.001U	<0.00095U	<0.0011U	<0.0022U	<0.0012U	-	<0.00072U	<0.0011U	<0.0012U	<0.00085U	<0.0013U	<0.0011U	<0.00091U	-	<0.0008U	<0.001U	<0.00083U	<0.00066U	<0.00066U	<0.0011U	<0.0023U	<0.00087U
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.00089U	<0.00085U	<0.00096U	<0.0019U	<0.001U	-	<0.00064U	<0.00095U	<0.0011U	<0.00076U	<0.0011U	<0.00099U	<0.00081U	-	<0.00072U	<0.00091U	<0.00074U	<0.00058U	<0.00059U	<0.00094U	<0.002U	<0.00077U
SSHS-B8	B23485	5/11/2000	0-0.25	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	-	<0.0063U	<0.0063U	-	<0.0063U	-	-	-	-	-	<0.0063U	-	-	0.0015J
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.00094U	<0.0009U	<0.001U	<0.0021U	<0.0011U	-	<0.00068U	<0.001U	<0.0012U	<0.0008U	<0.0012U	<0.001U	<0.00086U	-	<0.00076U	<0.00096U	<0.00079U	<0.00062U	<0.00062U	<0.00099U	<0.0022U	<0.00082U
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.00085U	<0.0008U	<0.00091U	<0.0018U	<0.00098U	-	<0.00061U	<0.0009U	<0.001U	<0.00072U	<0.0011U	<0.00094U	<0.00077U	-	<0.00068U	<0.00086U	<0.0007U	<0.00055U	<0.00056U	<0.00089U	<0.0019U	<0.00073U
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.00076U	<0.00072U	<0.00082U	<0.0017U	<0.00088U	-	<0.00055U	<0.00081U	<0.00094U	<0.00065U	<0.00096U	<0.00084U	<0.00069U	-	<0.00061U	<0.00077U	<0.00063U	<0.0005U	<0.0005U	<0.0008U	<0.0017U	<0.00066U
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.00093U	<0.00089U	<0.001U	<0.002U	<0.0011U	-	<0.00067U	<0.00099U	<0.0011U	<0.00079U	<0.0012U	<0.001U	<0.00084U	-	<0.00075U	<0.00095U	<0.00077U	<0.00061U	<0.00061U	<0.00098U	<0.0021U	<0.00081U
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.00087U	<0.00083U	<0.00094U	<0.0019U	<0.001U	-	<0.00062U	<0.00092U	<0.0011U	<0.00074U	<0.0011U	<0.00096U	<0.00079U	-	<0.0007U	<0.00088U	<0.00072U	<0.00057U	<0.00057U	<0.00091U	<0.002U	<0.00075U
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.055U	<0.034U	<0.047U	<0.071U	<0.041U	-	<0.057U	<0.052U	<0.064U	<0.056U	<0.059U	<0.019U,*	<0.053U	-	<0.071U	<0.056U	<0.051U	<0.059U	<0.06U	<0.036U	<0.041U	<0.056U
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.00081U	<0.00077U	<0.00087U	<0.0018U	<0.00093U	-	<0.00058U	<0.00086U	<0.00099U	<0.00069U	<0.001U	<0.0009U	<0.00073U	-	<0.00065U	<0.00082U	<0.00067U	<0.00053U	<0.00053U,*	<0.00085U	<0.0019U,*	<0.0007U
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.062U	<0.039U	<0.053U	<0.08U	<0.046U	-	<0.064U	<0.058U	<0.073U	<0.063U	<0.067U	<0.022U,*	<0.06U	-	<0.08U	<0.063U	<0.058U	<0.067U	<0.068U	<0.04U	<0.047U	<0.063U
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.00084U	<0.0008U	<0.00091U	<0.0018U	<0.00097U	-	<0.00061U	<0.0009U	<0.001U	<0.00072U	<0.0011U	<0.00094U	<0.00077U	-	<0.00068U	<0.00086U	<0.0007U	<0.00055U	<0.00056U,*	<0.00089U	<0.0019U,*	<0.00073U
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23403T3	8/14/2000	0-0.25	<0.0072U	<0.0072U	<0.0072U	<0.0072U	<0.0072U	-	<0.0072U	-	-	<0.0072U	<0.0072U	-	<0.0072U	-	-	-	-	-	<0.0072U	-	-	<0.0072U
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	<0.0069U	<0.0069U	<0.0069U	<0.0069U	<0.0069U	-	<0.0069U	-	-	<0.0069U	<0.0069U	-	<0.0069U	-	-	-	-	-	<0.0069U	-	-	<0.0069U
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	<0.0074U	<0.0074U	<0.0074U	<0.0074U	<0.0074U	-	<0.0074U	-	-	<0.0074U	<0.0074U	-	<0.0074U	-	-	-	-	-	<0.0074U	-	-	<0.0074U
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	<0.00077U	<0.00074U	<0.00084U	<0.0017U	<0.00089U	-	<0.00056U	<0.00082U	<0.00095U	<0.00066U	<0.00097U	<0.00086U	<0.0007U	-	<0.00062U	<0.00079U	<0.00064U	<0.00051U	<0.00051U	<0.00081U	<0.0018U	<0.00067U
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	<0.00091U	<0.00087U	<0.00099U	<0.002U	<0.0011U	-	<0.00066U	<0.00097U	<0.0011U	<0.00078U	<0.0011U	<0.001U	<0.00083U	-	<0.00073U	<0.00093U	<0.00076U	<0.0006U	<0.0006U	<0.00096U	<0.0021U	<0.00079U
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	<0.001U	<0.00097U	<0.0011U	<0.0022U	<0.0012U	-	<0.00073U	<0.0011U	<0.0013U	<0.00087U	<0.0013U	<0.0011U	<0.00093U	-	<0.00082U	<0.001U	<0.00085U	<0.00067U	<0.00067U	<0.0011U	<0.0023U	<0.00088U
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	<0.0008U	<0.00076U	<0.00087U	<0.0017U	<0.00093U	-	<0.00058U	<0.00085U	<0.00099U	<0.00068U	<0.001U	<0.00089U	<0.00073U	-	<0.00065U	<0.00082U	<0.00067U	<0.00053U	<0.00053U	<0.00084U	<0.0018U	<0.0007U
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	<0.00076U	<0.00073U	<0.00082U	<0.0017U	<0.00088U	-	<0.00055U	<0.00081U	<0.00094U	<0.00065U	<0.00096U	<0.00085U	<0.00069U	-	<0.00061U	<0.00078U	<0.00063U	<0.0005U	<0.0005U	<0.0008U	<0.0018U	<0.00066U
SSHS-FB6	B23402T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2	7/11/2000	0-0.25	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-	<0.0065U
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	-	<0.0067U	<0.0067U	-	<0.0067U	-	-	-	-	-	<0.0067U	-	-	<0.0067U
SSHS-SS1	B23456	5/10/2000	0-0.25	<0.0076U	<0.0076U	<0.0076U	<0.0076U	<0.0076U	-	<0.0076U	-	-	<0.0076U	<0.0076U	-	<0.0076U	-	-	-	-	-	<0.0076U	-	-	<0.0076U
SSHS-SS10	SS10	9/12/2000	0-0	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	-	<0.0056U	-	<0.0056U	-	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U
SSHS-SS11	SS11	9/12/2000	0-0	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.0055U	-	<0.0055U	-	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U
SSHS-SS12	SS12	9/12/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U
SSHS-SS13	SS13	9/12/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.006U	-	<0.006U	-	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U
SSHS-SS14	SS14	9/12/2000	0-0	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	<0.013U	<0.0063U	<0.0063U	<0.0063U	-	<0.0063U	-	<0.0063U	-	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U
SSHS-SS2	B23407T2	7/11/2000	0-0.25	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-	<0.0065U
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	<0.0066U	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	-	-	<0.0066U	<0.0066U	-	<0.0066U	-	-	-	-	-	<0.0066U	-	-	<0.0066U
SSHS-SS2	B23458	5/10/2000	0-0.25	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	-	-	<0.0071U	<0.0071U	-	<0.0071U	-	-	-	-	-	<0.0071U	-	-	<0.0071U
SSHS-SS3	B23469	5/10/2000	0-0.25	<0.007U	<0.007U	<0.007U	<0.007U	<0.007U	-	<0.007U	-	-	<0.007U	<0.007U	-	<0.007U	-	-	-	-	-	<0.007U	-	-	<0.007U
SSHS-SS4	B23483	5/11/2000	0-0.25	<0.0065U	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	-	<0.0065U	-	-	0.0021J
SSHS-SS5	SS5	9/12/2000	0-0	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	-	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	-	<0.0068U	-	<0.0068U	-	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U
SSHS-SS6	SS6	9/12/2000	0-0	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	-	<0.0071U	-	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U
SSHS-SS7	SS7	9/12/2000	0-0	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U
SSHS-SS8	SS8	9/12/2000	0-0	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.0071U	-	<0.0071U	-	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U
SSHS-SS9	SS9	9/12/2000	0-0	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	-	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	-	<0.0068U	-	<0.0068U	-	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U

Restricted Residential exceedances highlighted in grey

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Chlorinated Hydrocarbons									Halogenated Benzenes					Halogenated Hydrocarbons				Herbicides			
				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)	Hetonal	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00039	0.00044	0.00025	0.00042	0.0004	0	0.00037	0.0003	0.00029	0.00039	0.00052	0.00039	0.00041	0.00035	0.00035	0.00046	0.00035	0.00057	0.0071	0.028	0.0011	0.0014
			Restricted - Residential		100		100	21	19	100		0.9			100	49	100							52	52
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B59	B59	9/13/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.39U	<0.39U	<0.39U	<0.006U	-	<0.006U	-	<0.006U	-	-	-	-
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.001U	<0.00085U	<0.00082U	<0.00081U	<0.00079U	<0.00082U	<0.00072U	<0.00072U	<0.00057U	<0.001U	<0.0011U	<0.00096U	<0.00079U	<0.00091U	<0.001U	<0.00089U	<0.0008U	<0.0011U	-	-	-	-
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.001U	<0.00084U	<0.00081U	<0.0008U	<0.00079U	<0.00081U	<0.00071U,*	<0.00071U	<0.00056U	<0.001U	<0.0011U	<0.00095U	<0.00078U	<0.00091U	<0.001U	<0.00088U	<0.0008U	<0.0011U	-	-	-	-
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.0011U	<0.00089U	<0.00086U	<0.00085U	<0.00083U	<0.00086U	<0.00076U	<0.00076U	<0.0006U	<0.0011U	<0.0011U	<0.001U	<0.00083U	<0.00096U	<0.0011U	<0.00094U	<0.00084U	<0.0012U	-	-	-	-
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.0011U	<0.00092U	<0.00088U	<0.00088U	<0.00086U	<0.00089U	<0.00078U	<0.00078U	<0.00061U	<0.0011U	<0.0011U	<0.001U	<0.00085U	<0.00099U	<0.0011U	<0.00096U	<0.00087U	<0.0012U	-	-	-	-
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.0013U	<0.001U	<0.001U	<0.001U	<0.00097U	<0.001U	<0.00088U	<0.00089U	<0.0007U	<0.0013U	<0.0013U	<0.0012U	<0.00097U	<0.0011U	<0.0013U	<0.0011U	<0.00099U	<0.0014U	-	-	-	-
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.0011U	<0.00093U	<0.00089U	<0.00089U	<0.00087U	<0.0009U	<0.00079U	<0.00079U	<0.00062U	<0.0011U	<0.0012U	<0.0011U	<0.00087U	<0.001U	<0.0011U	<0.00097U	<0.00088U	<0.0012U	-	-	-	-
SSHS-B8	B23485	5/11/2000	0-0.25	-	<0.0063U	-	<0.0063U	<0.0063U	0.015	<0.0063U	-	<0.0063U	-	-	<0.41U	<0.41U	<0.0063U	-	-	-	-	-	-	-	-
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.0012U	<0.00098U	<0.00095U	<0.00094U	<0.00092U	<0.00095U	<0.00083U	<0.00084U	<0.00066U	<0.0012U	<0.0012U	<0.0011U	<0.00092U	<0.0011U	<0.0012U	<0.001U	<0.00093U	<0.0013U	-	-	-	-
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.0011U	<0.00088U	<0.00085U	<0.00084U	<0.0013J	<0.00085U	<0.00075U,*	<0.00075U	<0.00059U	<0.0011U	<0.0011U	<0.001U	<0.00082U	<0.00095U	<0.0011U	<0.00093U	<0.00083U	<0.0012U	-	-	-	-
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.00096U	<0.00079U	<0.00076U	<0.00076U	<0.00074U	<0.00077U	<0.00067U	<0.00067U	<0.00053U	<0.00095U	<0.00099U	<0.0009U	<0.00074U	<0.00085U	<0.00097U	<0.00083U	<0.00075U	<0.001U	-	-	-	-
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.0012U	<0.00097U	<0.00093U	<0.00093U	<0.00091U	<0.00094U	<0.00082U,*	<0.00082U	<0.00065U	<0.0012U	<0.0012U	<0.0011U	<0.0009U	<0.001U	<0.0012U	<0.001U	<0.00092U	<0.0013U	-	-	-	-
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.0011U	<0.0009U	<0.00087U	<0.00086U	<0.00084U	<0.00087U	<0.00077U	<0.00077U	<0.0006U	<0.0011U	<0.0011U	<0.001U	<0.00084U	<0.00097U	<0.0011U	<0.00095U	<0.00085U	<0.0012U	-	-	-	-
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.077U	<0.037U	<0.04U	<0.06U	<0.044U	<0.046U	<0.042U	<0.032U	<0.071U	<0.035U	<0.021U	<0.038U	<0.028U	<0.029U	<0.034U	<0.087U	<0.035U	<0.062U	-	-	-	-
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.001U	<0.00084U	<0.00081U	<0.0008U	<0.00079U	<0.00081U	<0.00071U	<0.00071U	<0.00056U	<0.001U	<0.0011U	<0.00095U	<0.00078U	<0.00091U	<0.001U	<0.00088U	<0.0008U	<0.0011U	-	-	-	-
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.087U	<0.042U	<0.045U	<0.068U	<0.05U	<0.052U	<0.047U	<0.036U	<0.081U	<0.039U	<0.024U	<0.043U	<0.032U	<0.033U	<0.038U	<0.098U	<0.04U	<0.07U	-	-	-	-
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.0011U	<0.00088U	<0.00085U	<0.00084U	<0.00082U	<0.00085U	<0.00074U	<0.00075U	<0.00059U	<0.0011U	<0.0011U	<0.001U	<0.00082U	<0.00095U	<0.0011U	<0.00092U	<0.00083U	<0.0011U	-	-	-	-
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23403T3	8/14/2000	0-0.25	-	<0.0072U	-	<0.0072U	<0.0072U	<0.0072U	<0.0072U	-	<0.0072U	-	-	-	-	<0.0072U	-	-	-	-	-	-	-	-
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	-	<0.0069U	-	<0.0069U	<0.0069U	<0.0069U	<0.0069U	-	<0.0069U	-	-	-	-	<0.0069U	-	-	-	-	-	-	-	-
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	-	<0.0074U	-	<0.0074U	<0.0074U	<0.0074U	<0.0074U	-	<0.0074U	-	-	-	-	<0.0074U	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	<0.00098U	<0.00081U	<0.00078U	<0.00077U	<0.00075U	<0.00078U	<0.00068U	<0.00069U	<0.00054U	<0.00097U	<0.001U	<0.00091U	<0.00075U	<0.00087U	<0.00099U	<0.00085U	<0.00076U	<0.0011U	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	<0.0012U	<0.00095U	<0.00092U	<0.0031U	<0.00089U	<0.00092U	<0.00081U	<0.00081U	<0.00063U	<0.0011U	<0.0012U	<0.0011U	<0.00089U	<0.001U	<0.0012U	<0.001U	<0.0009U	<0.0012U	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	<0.0013U	<0.0011U	<0.001U	<0.006U	<0.00099U	<0.001U	<0.0009U	<0.0009U	<0.00071U	<0.0013U	<0.0013U	<0.0012U	<0.00099U	<0.0011U	<0.0013U	<0.0011U	<0.001U	<0.0014U	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	<0.001U	<0.00084U	<0.00081U	<0.0008U	<0.00078U	<0.00081U	<0.00071U	<0.00071U	<0.00056U	<0.001U	<0.001U	<0.00095U	<0.00078U	<0.0009U	<0.001U	<0.00088U	<0.00079U	<0.0011U	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	<0.00096U	<0.00079U	<0.00077U	<0.00076U	<0.00074U	<0.00077U	<0.00067U	<0.00068U	<0.00053U	<0.00095U	<0.001U	<0.0009U	<0.00074U	<0.00086U	<0.00097U	<0.00083U	<0.00075U	<0.001U	-	-	-	-
SSHS-FB6	B23402T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	<0.44U	<0.44U	-	-	-	-	-	-	-	-	-
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2	7/11/2000	0-0.25	-	<0.0065U	-	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	<0.0065U	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	-	<0.0067U	-	<0.0067U	<0.0067U	<0.0067U	<0.0067U	-	<0.0067U	-	-	-	-	<0.0067U	-	-	-	-	-	-	-	-
SSHS-SS1	B23456	5/10/2000	0-0.25	-	<0.0076U	-	<0.0076U	<0.0076U	0.082	<0.0076U	-	<0.0076U	-	-	<0.5U	<0.5U	<0.0076U	-	-	-	-	-	-	-	-
SSHS-SS10	SS10	9/12/2000	0-0	<0.0056U	<0.0056U	<0.0056U	<0.0056U	<0.0056U	0.027	<0.0056U	<0.0056U	<0.0056U	-	<0.37U	<0.37U	<0.37U	<0.0056U	-	<0.0056U	-	<0.0056U	-	-	-	-
SSHS-SS11	SS11	9/12/2000	0-0	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	<0.0055U	-	<0.37U	<0.37U	<0.37U	<0.0055U	-	<0.0055U	-	<0.0055U	-	-	-	-
SSHS-SS12	SS12	9/12/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	0.013	<0.006U	<0.006U	<0.006U	-	<0.4U	<0.4U	<0.4U	<0.006U	-	<0.006U	-	<0.006U	-	-	-	-
SSHS-SS13	SS13	9/12/2000	0-0	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	<0.006U	-	<0.39U	<0.39U	<0.39U	<0.006U	-	<0.006U	-	<0.006U	-	-	-	-
SSHS-SS14	SS14	9/12/2000	0-0	<0.0063U	<0.0063U	<0.0063U	<0.0063U	<0.0063U	0.021	<0.0063U	<0.0063U	<0.0063U	-	<0.41U	<0.41U	<0.41U	<0.0063U	-	<0.0063U	-	<0.0063U	-	-	-	-
SSHS-SS2	B23407T2	7/11/2000	0-0.25	-	<0.0065U	-	<0.0065U	<0.0065U	<0.0065U	<0.0065U	-	<0.0065U	-	-	-	-	<0.0065U	-	-	-	-	-	-	-	-
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	-	<0.0066U	-	<0.0066U	<0.0066U	<0.0066U	<0.0066U	-	<0.0066U	-	-	-	-	<0.0066U	-	-	-	-	-	-	-	-
SSHS-SS2	B23458	5/10/2000	0-0.25	-	<0.0071U	-	<0.0071U	<0.0071U	0.023	<0.0071U	-	<0.0071U	-	-	<0.47U	<0.47U	<0.0071U	-	-	-	-	-	-	-	-
SSHS-SS3	B23469	5/10/2000	0-0.25	-	<0.007U	-	<0.007U	<0.007U	0.0036J	<0.007U	-	<0.007U	-	-	<0.46U	<0.46U	<0.007U	-	-	-	-	-	-	-	-
SSHS-SS4	B23483	5/11/2000	0-0.25	-	<0.0065U	-	<0.0065U	<0.0065U	0.004J	<0.0065U	-	<0.0065U	-	-	<0.43U	<0.43U	<0.0065U	-	-	-	-	-	-	-	-
SSHS-SS5	SS5	9/12/2000	0-0	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	0.0079	<0.0068U	<0.0068U	<0.0068U	-	<0.45U	<0.45U	<0.45U	<0.0068U	-	<0.0068U	-	<0.0068U	-	-	-	-
SSHS-SS6	SS6	9/12/2000	0-0	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	-	<0.47U	<0.47U	<0.47U	<0.0071U	-	<0.0071U	-	<0.0071U	-	-	-	-
SSHS-SS7	SS7	9/12/2000	0-0	<0.0067U	<0.0067U	<0.0067U	<0.0067U	<0.0067U	0.036	<0.0067U	<0.0067U	<0.0067U	-	<0.44U	<0.44U	<0.44U	<0.0067U	-	<0.0067U	-	<0.0067U	-	-	-	-
SSHS-SS8	SS8	9/12/2000	0-0	<0.0071U	<0.0071U	<0.0071U	<0.0071U	<0.0071U	0.01	<0.0071U	<0.0071U	<0.0071U	-	<0.47U	<0.47U	<0.47U	<0.0071U	-	<0.0071U	-	<0.0071U	-	-	-	-
SSHS-SS9	SS9	9/12/2000	0-0	<0.0068U	<0.0068U	<0.0068U	<0.0068U	<0.0068U	0.037	<0.0068U	<0.0068U	<0.0068U	-	<0.45U	<0.45U	<0.45U	<0.0068U	-	<0.0068U	-	<0.0068U	-	-	-	-

Restricted Residential exceedances highlighted in grey

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				MAH							Organochlorine Pesticides														
				Isopropylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	4,4-DDE	a-BHC	Aldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	gamma-Chlordane	d-BHC	DDD	DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			EQL	0.00042	0.003	0.0017		0.0019	0.00044	0.0015	0.00026	0.00028	0.0003	0.00044	0.076	0.00034	0.00033		0.00026	0.00022	0.00025	0.00028	0.00032	0.0003	0.00018
			Restricted - Residential		100	100		100		100	8.9	0.48	0.097	0.36		4.2			100	13	7.9	0.2	24	24	24
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B59	B59	9/13/2000	0-0	-	-	-	-	-	<0.006U	-	<0.02U	<0.02U	<0.02U	<0.02U	-	<0.02U	-	<0.02U	<0.02U	<0.02U	<0.039U	<0.02U	<0.02U	<0.039U	<0.039U
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.00082U	-	-	-	-	<0.00085U	-	<0.00032U	<0.00035U	<0.0022U	<0.00055U	-	<0.0022U	0.0088	-	<0.0022U	<0.0022U	0.014	<0.00036U	<0.0022U	<0.0022U	<0.0022U
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.00081U	-	-	-	-	<0.00084U	-	<0.00064J	<0.00032U	<0.00035U	<0.00051U	-	<0.00039U	<0.00039U	-	<0.0003U	<0.00027J	<0.00083J	<0.0012J	<0.00037U	<0.00035U	<0.00021U
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.00086U	-	-	-	-	<0.0009U	-	<0.00032U	<0.00035U	<0.00038U	<0.00056U	-	<0.00043U	<0.00042U	-	<0.00033U	<0.00028U	<0.00032U	<0.0013J,p	<0.0004U	<0.00038U	<0.00022U
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.00088U	-	-	-	-	<0.00092U	-	<0.00032U	<0.00035U	<0.00038U	<0.00055U	-	<0.00042U	<0.00042U	-	<0.00033U	<0.00028U	<0.00032U	<0.00036U	<0.0004U	<0.00038U	<0.00022U
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.001U	-	-	-	-	<0.001U	-	<0.0003U	<0.00033U	<0.0021U	<0.00052U	-	<0.0004U	<0.0021U	-	<0.0021U	<0.0021U	0.0053	<0.0012J	<0.00038U	<0.00036U	<0.0021U
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.00089U	-	-	-	-	<0.00093U	-	<0.00031U	<0.00033U	<0.00037U	<0.00053U	-	<0.00041U	<0.0004U	-	<0.00031U	<0.00027U	<0.00031U	<0.00034U	<0.00038U	<0.00036U	<0.00021U
SSHS-B8	B23485	5/11/2000	0-0.25	-	-	-	-	-	-	-	<0.0021U	<0.0021U	<0.0021U	<0.0021U	-	-	-	-	<0.0021U	<0.0021U	<0.0041U	<0.0021U	<0.0021U	<0.0041U	<0.0041U
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.00095U	-	-	-	-	<0.00099U	-	<0.00033U	<0.00036U	<0.0004U	<0.00057U	-	<0.00044U	<0.00086J,p	-	<0.00035J,p	<0.00087J	<0.00033U	<0.00057J,p	<0.00042U	<0.00039U	<0.00023U
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.00085U	-	-	-	-	<0.00088U	-	<0.00037U	<0.0004U	<0.00044U	<0.00063U	-	<0.00048U	<0.0025U	-	<0.00037U	<0.00032U	<0.0025U	<0.0025U	<0.00046U	<0.00043U	<0.0025U
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.00076U	-	-	-	-	<0.00079U	-	<0.00035U	<0.00037U	<0.00041U	<0.00059U	-	<0.00045U	<0.00045U	-	<0.00035U	<0.0003U	<0.00034U	<0.00038U	<0.00043U	<0.0004U	<0.00024U
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.00093U	-	-	-	-	<0.00097U	-	<0.00035U	<0.00038U	<0.00042U	<0.00061U	-	<0.00046U	<0.00046U	-	<0.00036U	<0.00031U	<0.00035U	<0.00039U	<0.00044U	<0.00041U	<0.00024U
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.00087U	-	-	-	-	<0.00091U	-	<0.00034U	<0.00037U	<0.0004U	<0.00059U	-	<0.00045U	<0.00045U	-	<0.00035U	<0.0003U	<0.00034U	<0.00038U	<0.00043U	<0.0004U	<0.00024U
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.029U	-	-	-	-	<0.035U	-	<0.00031U	<0.00033U	<0.00036U	<0.00053U	-	<0.0004U	<0.0074J	-	<0.00031U	<0.00027U	<0.0003U	<0.0021U	<0.00038U	<0.00036U	<0.00021U
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.00081U	-	-	-	-	<0.00084U	-	<0.00034U	<0.00036U	<0.0004U	<0.00058U	-	<0.00044U	<0.00044U	-	<0.00034U	<0.00029U	<0.00033U	<0.00037U	<0.00042U	<0.0004U	<0.00023U
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.033U	-	-	-	-	<0.04U	-	<0.00035U	<0.00037U	<0.00041U	<0.00059U	-	<0.00045U	<0.0074U	-	<0.0017J	<0.0023U	0.015	<0.0023U	<0.0023U	<0.0004U	<0.0023U
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.00085U	-	-	-	-	<0.00088U	-	<0.00033U	<0.00035U	<0.00039U	<0.00056U	-	<0.00043U	<0.0062U	-	<0.00033U	<0.0022U	0.013	0.0029	<0.0012J	<0.0022U	<0.0022U
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5	B23403T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	<0.00078U	-	-	-	-	<0.00081U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	<0.00092U	-	-	-	-	<0.00095U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	<0.001U	-	-	-	-	<0.0011U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	<0.00081U	-	-	-	-	<0.00084U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	<0.00077U	-	-	-	-	<0.0008U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23402T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23456	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.005U	<0.0026U	<0.0026U	<0.0026U	-	-	-	-	<0.0026U	<0.0026U	<0.0026U	<0.0026U	<0.0026U	<0.005U	<0.005U
SSHS-SS10	SS10	9/12/2000	0-0	-	-	-	-	-	<0.0056U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-SS11	SS11	9/12/2000	0-0	-	-	-	-	-	<0.0055U	-	<0.0019U	<0.0019U	<0.0019U	<0.0019U	-	<0.0019U	-	<0.0019U	<0.0019U	<0.0019U	<0.0037U	<0.0019U	<0.0019U	<0.0037U	<0.0037U
SSHS-SS12	SS12	9/12/2000	0-0	-	-	-	-	-	<0.006U	-	<0.002U	<0.002U	<0.002U	<0.002U	-	<0.002U	-	<0.002U	<0.002U	<0.002U	<0.004U	<0.002U	<0.002U	<0.004U	<0.004U
SSHS-SS13	SS13	9/12/2000	0-0	-	-	-	-	-	<0.006U	-	<0.002U	<0.002U	<0.002U	<0.002U	-	<0.002U	-	<0.002U	<0.002U	<0.002U	<0.0039U	<0.002U	<0.002U	<0.0039U	<0.0039U
SSHS-SS14	SS14	9/12/2000	0-0	-	-	-	-	-	<0.0063U	-	<0.021U	<0.021U	<0.021U	<0.021U	-	<0.021U	-	<0.021U	<0.021U	<0.021U	<0.041U	<0.021U	<0.021U	<0.041U	<0.041U
SSHS-SS2	B23407T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23458	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	-	-	-	<0.0024U	<0.0024U	<0.0047U	<0.0024U	<0.0024U	<0.0047U	<0.0047U
SSHS-SS3	B23469	5/10/2000	0-0.25	-	-	-	-	-	-	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	-	-	-	<0.0024U	<0.0024U	<0.0046U	<0.0024U	<0.0024U	<0.0046U	<0.0046U
SSHS-SS4	B23483	5/11/2000	0-0.25	-	-	-	-	-	-	-	<0.0022U	<0.0022U	<0.0022U	<0.0022U	-	-	-	-	<0.0022U	<0.0022U	<0.0043U	<0.0022U	<0.0022U	<0.0043U	<0.0043U
SSHS-SS5	SS5	9/12/2000	0-0	-	-	-	-	-	<0.0068U	-	<0.0023U	<0.0023U	<0.0023U	<0.0023U	-	<0.0023U	-	<0.0023U	<0.0023U	<0.0023U	<0.0045U	<0.0023U	<0.0023U	<0.0045U	<0.0045U
SSHS-SS6	SS6	9/12/2000	0-0	-	-	-	-	-	<0.0071U	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	<0.0024U	-	<0.0024U	<0.0024U	<0.0024U	<0.0047U	<0.0024U	<0.0024U	<0.0047U	<0.0047U
SSHS-SS7	SS7	9/12/2000	0-0	-	-	-	-	-	<0.0067U	-	<0.0023U	<0.0023U	<0.0023U	<0.0023U	-	<0.0023U	-	<0.0023U	<0.0023U	<0.0023U	<0.0044U	<0.0023U	<0.0023U	<0.0044U	<0.0044U
SSHS-SS8	SS8	9/12/2000	0-0	-	-	-	-	-	<0.0071U	-	<0.0024U	<0.0024U	<0.0024U	<0.0024U	-	<0.0024U	-	<0.0024U	<0.0024U	<0.0024U	<0.0047U	<0.0024U	<0.0024U	<0.0047U	<0.0047U
SSHS-SS9	SS9	9/12/2000	0-0	-	-	-	-	-	<0.0068U	-	<0.0023U	<0.0023U	<0.0023U	<0.0023U	-	<0.0023U	-	<0.0023U	<0.0023U	<0.0023U	<0.0045U	<0.0023U	<0.0023U	<0.0045U	<0.0045U

Restricted Residential exceedances highlighted in grey

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				Organochlorine Pesticides								PAH/Phenols	Solvents												
				Endrin	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-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-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	mg/kg
			EQL	0.00033	0.00033	0.00026	0.0003	0.00038	0.00033	0.00035	0.011		0.00055	0.00043	0.0004	0.0025	0.00032	0.00023	0.00038	0.0016	0.0014	0.0021	0.0012	0.0019	0.0027
			Restricted - Residential	11			1.3	2.1					100			100			100			13			
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B59	B59	9/13/2000	0-0	<0.02U	<0.039U	<0.039U	<0.02U	<0.02U	<0.02U	<0.079U	<0.39U	<0	<0.012U	<0.012U	<0.012U	<0.024U	<0.012U	-	-	-	-	-	-	<0.39U	<0.39U
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.0058U	<0.0022U	<0.0022U	<0.00037U	<0.00047U	<0.013U	<0.0022U	<0.014U	1.37	<0.0011U	<0.00083U	<0.00079U	<0.006U	<0.00062U	<0.00045U	<0.0009U	<0.038U	<0.032U	<0.049U	<0.027U	<0.046U	<0.064U
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.00038U	<0.00039U	<0.00031U	<0.00035U	<0.0015J	<0.00039U	<0.00041U	<0.013U	3.101	<0.0011U	<0.00083U	<0.00078U	<0.006U	<0.00061U	<0.00044U	<0.00089U	<0.036U	<0.03U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.00042U	<0.00042U	<0.00033U	<0.00038U	<0.00048U	<0.00042U	<0.00045U	<0.014U	8.66	<0.0011U	<0.00088U	<0.00083U	<0.0063U	<0.00065U	<0.00047U	<0.00095U	<0.038U	<0.032U	<0.049U	<0.027U	<0.046U	<0.064U
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.00076J	<0.00041U	<0.00033U	<0.00037U	<0.00047U	<0.00042U	<0.00044U	<0.014U	<0	<0.0011U	<0.0009U	<0.00085U	<0.0065U	<0.00067U	<0.00048U	<0.00097U	<0.038U	<0.032U	<0.049U	<0.027U	<0.046U	<0.064U
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.0031U	<0.00039U	<0.0021U	<0.00035U	<0.0021U	<0.0033U	<0.004U	<0.013U	1.108	<0.0013U	<0.001U	<0.00097U	<0.0074U	<0.00076U	<0.00055U	<0.0011U	<0.036U	<0.031U	<0.047U	<0.026U	<0.044U	<0.061U
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.0004U	<0.0004U	<0.00032U	<0.00036U	<0.00045U	<0.0004U	<0.00043U	<0.014U	<0	<0.0012U	<0.00091U	<0.00086U	<0.0066U	<0.00068U	<0.00049U	<0.00099U	<0.036U	<0.031U	<0.047U	<0.026U	<0.044U	<0.061U
SSHS-B8	B23485	5/11/2000	0-0.25	<0.0021U	-	-	-	<0.0021U	-	-	-	0.049	<0.013U	-	-	<0.025U	-	-	-	-	-	-	-	-	-
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.00097J,p	<0.00043U	<0.00076J,p	<0.00039U	<0.00049U	<0.00043U	<0.00046U	<0.015U	51.16	<0.0012U	<0.00097U	<0.00091U	0.15	<0.00072U	<0.00052U	<0.001U	<0.079U	<0.067U	<0.1U	<0.057U	<0.095U	<0.13U
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.0025U	<0.0025U	<0.00038U	<0.00043U	<0.00054U	<0.0025U	<0.00051U	<0.016U	5.08	<0.0011U	<0.00086U	<0.00082U	<0.0063U	<0.00064U	<0.00046U	<0.00094U	<0.044U	<0.037U	<0.056U	<0.032U	<0.053U	<0.074U
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.00044U	<0.00044U	<0.00036U	<0.0004U	<0.00051U	<0.00045U	<0.00048U	<0.015U	0.346	<0.00099U	<0.00078U	<0.00073U	<0.0056U	<0.00058U	<0.00042U	<0.00084U	<0.04U	<0.034U	<0.052U	<0.029U	<0.048U	<0.068U
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.0024U	<0.00045U	<0.00036U	<0.00041U	<0.00052U	<0.00046U	<0.00049U	<0.016U	1.92	<0.0012U	<0.00095U	<0.0009U	0.09	<0.00071U	<0.00051U	<0.001U	<0.042U	<0.035U	<0.054U	<0.03U	<0.05U	<0.07U
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.00062J	<0.00044U	<0.00035U	<0.0004U	<0.0005U	<0.00044U	<0.00047U	<0.015U	1.018	<0.0011U	<0.00089U	<0.00084U	<0.0064U	<0.00066U	<0.00048U	<0.00096U	<0.04U	<0.034U	<0.052U	<0.029U	<0.048U	<0.068U
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.00039U	<0.00039U	<0.00032U	<0.00036U	<0.00045U	<0.00039U	<0.00042U	<0.014U	0.883	<0.06U	<0.031U	<0.033U	1.1	<0.059U	<0.033U	<0.057U	<0.036U	<0.031U	<0.046U	<0.026U	<0.043U	<0.06U
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.00043U	<0.00044U	<0.00035U	<0.00039U	<0.0005U	<0.00044U	<0.00047U	<0.015U	<0	<0.0011U	<0.00083U	<0.00078U	<0.006U	<0.00061U	<0.00044U	<0.00089U	<0.04U	<0.034U	<0.051U	<0.029U	<0.048U	<0.067U
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.007U	<0.0023U	<0.0023U	<0.0004U	<0.00051U	<0.0038U	<0.0045U	<0.015U	1.36	<0.068U	<0.036U	<0.037U	1.2	<0.067U	<0.037U	<0.064U	<0.041U	<0.035U	<0.052U	<0.029U	<0.049U	<0.068U
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.0074U	<0.00042U	<0.0022U	<0.00038U	<0.00048U	<0.013U	<0.0057U	<0.014U	2.53	<0.0011U	<0.00086U	<0.00082U	0.28	<0.00064U	<0.00046U	<0.00093U	<0.039U	<0.033U	<0.05U	<0.028U	<0.046U	<0.065U
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	0.815	-	-	-	-	-	-	-	<0.0038U	<0.0032U	-	<0.0028U	<0.0046U	<0.0064U
SSHS-FB5	B23403T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.014U	-	-	<0.029U	-	-	-	-	-	-	-	-	-
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.014U	-	-	<0.027U	-	-	-	-	-	-	-	-	-
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.015U	-	-	<0.03U	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	<0.001U	<0.00079U	<0.00075U	<0.0057U	<0.00059U	<0.00043U	<0.00086U	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	<0.0012U	<0.00093U	<0.00088U	0.097	<0.00069U	<0.0005U	<0.001U	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	<0.0013U	<0.001U	<0.00098U	0.24	<0.00077U	<0.00056U	<0.0011U	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	<0.001U	<0.00082U	<0.00078U	<0.0059U	<0.00061U	<0.00044U	<0.00089U	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	<0.001U	<0.00078U	<0.00074U	<0.0056U	<0.00058U	<0.00042U	<0.00084U	-	-	-	-	-	-
SSHS-FB6	B23402T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	0.171	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	2.546	-	-	-	-	-	-	-	<0.0045J	<0.0033U	-	<0.0028U	<0.0046U	<0.0064U
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	-	-	-	-	-	-	-	-	0.731	-	-	-	-	-	-	-	<0.0038U	<0.0033U	-	<0.0028U	<0.0046U	<0.0065U
SSHS-SS1	B23406T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.013U	-	-	<0.027U	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23456	5/10/2000	0-0.25	<0.0026U	-	-	-	<0.0026U	-	-	-	<0	<0.015U	-	-	<0.03U	-	-	-	-	-	-	-	-	-
SSHS-SS10	SS10	9/12/2000	0-0	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0074U	<0.037U	1	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-SS11	SS11	9/12/2000	0-0	<0.0019U	<0.0037U	<0.0037U	<0.0019U	<0.0019U	<0.0019U	<0.0073U	<0.037U	0.38	<0.011U	<0.011U	<0.011U	<0.022U	<0.011U	-	-	-	-	-	-	<0.37U	<0.37U
SSHS-SS12	SS12	9/12/2000	0-0	<0.002U	<0.004U	<0.004U	<0.002U	<0.002U	<0.002U	<0.0079U	<0.04U	<0	<0.012U	<0.012U	<0.012U	<0.024U	<0.012U	-	-	-	-	-	-	<0.4U	<0.4U
SSHS-SS13	SS13	9/12/2000	0-0	<0.002U	<0.0039U	<0.0039U	<0.002U	<0.002U	<0.002U	<0.0079U	<0.039U	1.01	<0.012U	<0.012U	<0.012U	<0.024U	<0.012U	-	-	-	-	-	-	<0.39U	<0.39U
SSHS-SS14	SS14	9/12/2000	0-0	<0.021U	<0.041U	<0.041U	<0.021U	<0.021U	<0.021U	<0.083U	<0.41U	<0	<0.013U	<0.013U	<0.013U	<0.025U	<0.013U	-	-	-	-	-	-	<0.41U	<0.41U
SSHS-SS2	B23407T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23458	5/10/2000	0-0.25	<0.0024U	-	-	-	<0.0024U	-	-	-	<0	<0.014U	-	-	<0.028U	-	-	-	-	-	-	-	-	-
SSHS-SS3	B23469	5/10/2000	0-0.25	<0.0024U	-	-	-	<0.0024U	-	-	-	0.604	<0.014U	-	-	<0.028U	-	-	-	-	-	-	-	-	-
SSHS-SS4	B23483	5/11/2000	0-0.25	<0.0022U	-	-	-	<0.0022U	-	-	-	0.338	<0.013U	-	-	<0.026U	-	-	-	-	-	-	-	-	-
SSHS-SS5	SS5	9/12/2000	0-0	<0.0023U	<0.0045U	<0.0045U	<0.0023U	<0.0023U	<0.0023U	<0.009U	<0.045U	<0	<0.014U	<0.014U	<0.014U	<0.027U	<0.014U	-	-	-	-	-	-	<0.45U	<0.45U
SSHS-SS6	SS6	9/12/2000	0-0	<0.0024U	<0.0047U	<0.0047U	<0.0024U	<0.0024U	<0.0024U	<0.0093U	<0.047U	<0	<0.014U	<0.014U	<0.014U	<0.028U	<0.014U	-	-	-	-	-	-	<0.47U	<0.47U
SSHS-SS7	SS7	9/12/2000	0-0	<0.0023U	<0.0044U	<0.0044U	<0.0023U	<0.0023U	<0.0023U	<0.0088U	<0.044U	0.22	<0.013U	<0.013U	<0.013U	0.011J	<0.013U	-	-	-	-	-	-	<0.44U	<0.44U
SSHS-SS8	SS8	9/12/2000	0-0	<0.0024U	<0.0047U	<0.0047U	<0.0024U	<0.0024U	<0.0024U	<0.0094U	<0.047U	<0	<0.014U	<0.014U	<0.014U	<0.029U	<0.014U	-	-	-	-	-	-	<0.47U	<0.47U
SSHS-SS9	SS9	9/12/2000	0-0	<0.0023U	<0.0045U	<0.0045U	<0.0023U	<0.0023U	<0.0023U	<0.009U	<0.045U	<0	<0.014U	<0.014U	<0.014U	<0.027U	<0.014U	-	-	-	-	-	-	<0.45U	<0.45U

Restricted Residential exceedances highlighted in grey

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				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-&4-methylphenol	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	4-nitrophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00036	0.0028	0.021	0.0015	0.0019	0.00038	0.0015	0.00034	0.0013	0.0081	0.002	0.03	0.0019	0.0074	0.0072	0.0016	0.0017	0.0014	0.002	0.0018	0.0073	0.0066
			Restricted - Residential									100											100		
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B59	B59	9/13/2000	0-0	<0.39U	<0.39U	<2U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<0.39U	-	<0.39U	<2U	<2U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<2U
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.0086U	<0.067U	<0.51U	<0.034U	<0.044U	<0.0089U	<0.035U	<0.013J	<0.03U	<0.19U	<0.047U	-	<0.045U	<0.18U	<0.17U	<0.037U	<0.039U	<0.034U	<0.047U	<0.042U	<0.17U	<0.16U
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.008U	<0.062U	<0.48U	<0.032U	<0.041U	<0.0083U	<0.033U	<0.0096J	<0.028U	<0.18U	<0.044U	-	<0.042U	<0.16U	<0.16U	<0.035U	<0.037U	<0.032U	<0.044U	<0.039U	<0.16U	<0.15U
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.0086U	<0.067U	<0.51U	<0.035U	<0.044U	<0.0089U	<0.035U	<0.0077U	<0.03U	<0.19U	<0.047U	-	<0.045U	<0.18U	<0.17U	<0.037U	<0.039U	<0.034U	<0.048U	<0.042U	<0.17U	<0.16U
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.0086U	<0.067U	<0.51U	<0.034U	<0.044U	<0.0089U	<0.035U	<0.0077U	<0.03U	<0.19U	<0.047U	-	<0.045U	<0.18U	<0.17U	<0.037U	<0.039U	<0.034U	<0.047U	<0.042U	<0.17U	<0.16U
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.0082U	<0.064U	<0.49U	<0.033U	<0.042U	<0.0085U	<0.033U	<0.018J	<0.029U	<0.18U	<0.045U	-	<0.043U	<0.17U	<0.16U	<0.035U	<0.038U	<0.033U	<0.045U	<0.04U	<0.17U	<0.15U
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.0082U	<0.064U	<0.49U	<0.033U	<0.042U	<0.0085U	<0.033U	<0.0073U	<0.029U	<0.18U	<0.045U	-	<0.043U	<0.17U	<0.16U	<0.036U	<0.038U	<0.033U	<0.045U	<0.04U	<0.17U	<0.15U
SSHS-B8	B23485	5/11/2000	0-0.25	-	-	-	-	-	-	-	-	<0.41U	-	-	-	-	-	-	-	-	-	-	<0.41U	-	-
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.018U	<0.14U	<1.1U	<0.072U	<0.092U	<0.019U	<0.073U	<0.019J	<0.062U	<0.4U	<0.098U	-	<0.094U	<0.37U	<0.36U	<0.077U	<0.082U	<0.071U	<0.099U	<0.087U	<0.36U	<0.32U
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.0099U	<0.077U	<0.59U	<0.04U	<0.051U	<0.01U	<0.04U	<0.0089U	<0.034U	<0.22U	<0.054U	-	<0.052U	<0.2U	<0.2U	<0.043U	<0.045U	<0.039U	<0.055U	<0.048U	<0.2U	<0.18U
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.0091U	<0.071U	<0.54U	<0.036U	<0.047U	<0.0094U	<0.037U	<0.0081U	<0.032U	<0.2U	<0.05U	-	<0.048U	<0.19U	<0.18U	<0.039U	<0.042U	<0.036U	<0.05U	<0.044U	<0.18U	<0.16U
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.0094U	<0.073U	<0.56U	<0.038U	<0.048U	<0.0098U	<0.038U	<0.0084U	<0.033U	<0.21U	<0.052U	-	<0.049U	<0.19U	<0.19U	<0.041U	<0.043U	<0.037U	<0.052U	<0.046U	<0.19U	<0.17U
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.0091U	<0.071U	<0.54U	<0.037U	<0.047U	<0.0094U	<0.037U	<0.0081U	<0.032U	<0.2U	<0.05U	-	<0.048U	<0.19U	<0.18U	<0.039U	<0.042U	<0.036U	<0.05U	<0.044U	<0.18U	<0.17U
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.0081U	<0.063U	<0.48U	<0.033U	<0.042U	<0.0084U	<0.033U	<0.0072U	<0.028U	<0.18U	<0.044U	-	<0.043U	<0.17U	<0.16U	<0.035U	<0.037U	<0.032U	<0.045U	<0.039U	<0.16U	<0.15U
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.009U	<0.07U	<0.53U	<0.036U	<0.046U	<0.0094U	<0.037U	<0.0081U	<0.031U	<0.2U	<0.049U	-	<0.047U	<0.18U	<0.18U	<0.039U	<0.041U	<0.036U	<0.05U	<0.044U	<0.18U	<0.16U
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.0092U	<0.072U	<0.54U	<0.037U	<0.047U	<0.0095U	<0.037U	<0.016J	<0.032U	<0.2U	<0.05U	-	<0.048U	<0.19U	<0.18U	<0.04U	<0.042U	<0.037U	<0.051U	<0.045U	<0.19U	<0.17U
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.0087U	<0.068U	<0.52U	<0.035U	<0.045U	<0.0091U	<0.035U	<0.0078U	<0.03U	<0.19U	<0.048U	-	<0.046U	<0.18U	<0.17U	<0.038U	<0.04U	<0.035U	<0.048U	<0.042U	<0.18U	<0.16U
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	<0.00086U	<0.0067U	<0.051U	<0.0035U	<0.0044U	<0.00089U	<0.0035U	<0.0066J	<0.003U	<0.019U	<0.0047U	-	<0.0045U	<0.018U	<0.017U	<0.0037U	<0.0039U	<0.0034U	<0.0048U	<0.0042U	<0.017U	<0.016U
SSHS-FB5	B23403T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23402T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	<0.44U	-	-	-	-	-	-	-	-	-	-	<0.44U	-	-
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	<0.00086U	<0.0067U	<0.051U	<0.0035U	<0.0044U	<0.0009U	<0.0035U	0.018	<0.003U	<0.019U	<0.0047U	-	<0.0045U	<0.018U	<0.017U	<0.0037U	<0.004U	<0.0034U	<0.0048U	<0.0042U	<0.017U	<0.016U
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	<0.00086U	<0.0067U	<0.051U	<0.0035U	<0.0044U	<0.0009U	<0.0035U	0.01	<0.003U	<0.019U	<0.0048U	-	<0.0046U	<0.018U	<0.017U	<0.0038U	<0.004U	<0.0035U	<0.0048U	<0.0042U	<0.017U	<0.016U
SSHS-SS1	B23406T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23456	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.5U	-	-	-	-	-	-	-	-	-	-	<0.5U	-	-
SSHS-SS10	SS10	9/12/2000	0-0	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-SS11	SS11	9/12/2000	0-0	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	-	<0.37U	<1.9U	<1.9U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<1.9U
SSHS-SS12	SS12	9/12/2000	0-0	<0.4U	<0.4U	<2U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2U	<0.4U	-	<0.4U	<2U	<2U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2U	<2U
SSHS-SS13	SS13	9/12/2000	0-0	<0.39U	<0.39U	<2U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<0.39U	-	<0.39U	<2U	<2U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<2U
SSHS-SS14	SS14	9/12/2000	0-0	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	-	<0.41U	<2.1U	<2.1U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<2.1U
SSHS-SS2	B23407T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23458	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.47U	-	-	-	-	-	-	-	-	-	-	<0.47U	-	-
SSHS-SS3	B23469	5/10/2000	0-0.25	-	-	-	-	-	-	-	-	<0.46U	-	-	-	-	-	-	-	-	-	-	<0.46U	-	-
SSHS-SS4	B23483	5/11/2000	0-0.25	-	-	-	-	-	-	-	-	<0.43U	-	-	-	-	-	-	-	-	-	-	<0.43U	-	-
SSHS-SS5	SS5	9/12/2000	0-0	<0.45U	<0.45U	<2.3U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<2.3U	<0.45U	-	<0.45U	<2.3U	<2.3U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<2.3U	<2.3U
SSHS-SS6	SS6	9/12/2000	0-0	<0.47U	<0.47U	<2.4U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<2.4U	<0.47U	-	<0.47U	<2.4U	<2.4U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<2.4U	<2.4U
SSHS-SS7	SS7	9/12/2000	0-0	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	-	<0.44U	<2.3U	<2.3U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<2.3U
SSHS-SS8	SS8	9/12/2000	0-0	<0.47U	<0.47U	<2.4U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<2.4U	<0.47U	-	<0.47U	<2.4U	<2.4U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<2.4U	<2.4U
SSHS-SS9	SS9	9/12/2000	0-0	<0.45U	<0.45U	<2.3U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<2.3U	<0.45U	-	<0.45U	<2.3U	<2.3U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<2.3U	<2.3U

Restricted Residential exceedances highlighted in grey

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

				SVOCs																				
				Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzyl alcohol	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	Dibenzofuran
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.00037	0.0015	0.00036	0.0018	0.00046	0.0027	0.00037	0.00057	0.00036	0.00072		0.0012	0.00048	0.00039	0.003	0.0025	0.014	0.00034	0.00044	0.0004	0.0018
			Restricted - Residential	100	100		100		1		1	1	100	3.9									3.9	0.33	59
Location	**Field ID**	**Sample Date**	**Sample Depth**																						
SSHS-B59	B59	9/13/2000	0-0	<0.39U	<0.39U	-	<0.39U	-	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.0082U	<0.044J	<0.035U	<0.036J	<0.042U	0.13	<0.064U	0.15	0.2	0.15	<0.081J	-	<0.028U	<0.011U	<0.0092U	<0.069U	<0.058U	<0.32U	<0.0079U	0.16	<0.04J	<0.042U
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.0077U	<0.033J	<0.033U	0.081	<0.039U	0.29	<0.06U	0.27	0.33	0.2	0.14	-	<0.026U	<0.011U	<0.0086U	<0.065U	<0.055U	<0.3U	<0.045J	0.24	<0.057J	<0.039U
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.021J	<0.0098U	<0.035U	0.1	<0.042U	0.68	<0.064U	0.71	1.1	0.61	0.38	-	<0.028U	<0.011U	<0.0092U	<0.069U	<0.064J	<0.32U	<0.062J	0.85	0.16	<0.042U
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.0082U	<0.0098U	<0.035U	<0.0083U	<0.042U	<0.037J	<0.064U	<0.043J	<0.054J	<0.035J	<0.025J	-	<0.028U	<0.011U	<0.0092U	<0.09J	<0.058U	<0.32U	<0.0079U	<0.045J	<0.0095U	<0.042U
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.0078U	<0.0093U	<0.034U	<0.02J	<0.04U	0.11	<0.061UJ	0.12	0.15	0.12	<0.073J	-	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	0.12	<0.0091U	<0.04U
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.0078U	<0.0094U	<0.034U	<0.008U	<0.04U	<0.01U	<0.061UJ	<0.0082U	<0.013U	<0.0081U	<0.017U	-	<0.027U	<0.011U	<0.0088U	<0.066U	<0.056U	<0.31U	<0.0075U	<0.0097U	<0.0091U	<0.04U
SSHS-B8	B23485	5/11/2000	0-0.25	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	-	-	-	-	-	-	-	-	<0.41U	<0.41U	<0.41U
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.086J	<0.1J	<0.073U	0.58	<0.087U	4.1	<0.13U	4.3	6.3	4.5	2.2	-	<0.059U	<0.024U	<0.019U	<0.88J	<0.12U	<0.67U	0.5	5	0.88	<0.088U
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.0095U	<0.011U	<0.04U	<0.048J	<0.048U	0.42	<0.074U	0.48	0.73	0.42	0.21	-	<0.032U	<0.013U	<0.011U	<0.41J	<0.067J	<0.37U	<0.038J	0.51	0.1	<0.048U
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.0087U	<0.01U	<0.037U	<0.011J	<0.044U	<0.068J	<0.068U	<0.071J	0.096	<0.064J	<0.039J	-	<0.03U	<0.012U	<0.0097U	<0.073U	<0.062U	<0.34U	<0.0083U	<0.077J	<0.017J	<0.044U
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.009U	<0.011U	<0.038U	<0.02J	<0.046U	0.17	<0.07U	0.21	0.32	0.18	<0.089J	-	<0.031U	<0.013U	<0.01U	<0.22J	<0.064U	<0.35U	<0.017J	0.21	<0.053J	<0.046U
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.0087U	<0.01U	<0.037U	<0.0098J	<0.044U	0.11	<0.068U	0.12	0.17	0.098	<0.073J	-	<0.03U	<0.012U	<0.0098U	<0.081J	<0.062U	<0.34U	<0.0096J	0.13	<0.01U	<0.045U
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.012J	<0.0092U	<0.033U	<0.029J	<0.039U	0.083	<0.06U	0.083	0.11	<0.068J	<0.043J	-	<0.027U	<0.011U	<0.0087U	<0.065U	<0.055U	<0.3U	<0.014J	0.097	<0.017J	<0.04U
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.0086U	<0.01U	<0.037U	<0.0088U	<0.044U	<0.025J	<0.067U	<0.029J	<0.04J	<0.029J	<0.018J	-	<0.03U	<0.012U	<0.0097U	<0.072U	<0.061U	<0.34U	<0.0083U	<0.034J	<0.01U	<0.044U
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.0088U	<0.023J	<0.038U	<0.032J	<0.045U	0.12	<0.069U	0.12	0.19	0.13	<0.04J	-	<0.03U	<0.012U	<0.0099U	<0.074U	<0.082J	<0.35U	<0.0084U	0.14	<0.034J	<0.045U
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.0083U	<0.024J	<0.036U	<0.029J	<0.042U	0.19	<0.065UJ	0.24	0.33	0.24	0.13	-	<0.029U	<0.012U	<0.0094U	<0.18J	<0.16J	<0.33U	<0.021J	0.27	<0.064J	<0.043U
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	<0.0056J	0.014	<0.0056J	0.023	<0.0042U	0.076	-	0.068	0.088	0.058	0.031	-	<0.0028U	<0.0011U	<0.00092U	0.094	<0.014J	<0.032U	0.0094	0.086	0.015	<0.0042U
SSHS-FB5	B23403T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB6	B23402T3	8/14/2000	0-0.25	<0.44U	<0.44U	-	<0.44U	-	<0.44U	-	<0.44U	<0.44U	<0.44U	<0.44U	-	-	-	-	-	-	-	-	0.046J	<0.44U	<0.44U
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	0.06	0.035	<0.0055J	0.13	<0.0042U	0.22	-	0.19	0.21	0.14	0.096	-	<0.0028U	<0.0012U	<0.00093U	0.12	<0.0059U	<0.032U	0.051	0.22	0.043	<0.031J
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	<0.0028J	0.023	<0.0047J	0.021	<0.0042U	0.057	-	0.064	0.086	0.066	0.033	-	<0.0028U	<0.0012U	<0.00093U	<0.059J	<0.015J	<0.033U	<0.007J	0.073	0.017	<0.0042J
SSHS-SS1	B23406T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23456	5/10/2000	0-0.25	<0.5U	<0.5U	-	<0.5U	-	<0.5U	-	<0.5U	<0.5U	<0.5U	<0.5U	-	-	-	-	-	-	-	-	<0.5U	<0.5U	<0.5U
SSHS-SS10	SS10	9/12/2000	0-0	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-SS11	SS11	9/12/2000	0-0	<0.37U	<0.37U	-	<0.37U	-	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	-	<0.37U	<0.37U	<0.37U	<0.37U
SSHS-SS12	SS12	9/12/2000	0-0	<0.4U	<0.4U	-	<0.4U	-	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	-	<0.4U	<0.4U	<0.4U	<0.4U
SSHS-SS13	SS13	9/12/2000	0-0	<0.39U	<0.39U	-	<0.39U	-	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	-	<0.39U	<0.39U	<0.39U	<0.39U
SSHS-SS14	SS14	9/12/2000	0-0	<0.41U	<0.41U	-	<0.41U	-	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	-	<0.41U	<0.41U	<0.41U	<0.41U
SSHS-SS2	B23407T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23458	5/10/2000	0-0.25	<0.47U	<0.47U	-	<0.47U	-	<0.47U	-	<0.47U	<0.47U	<0.47U	<0.47U	-	-	-	-	-	-	-	-	<0.47U	<0.47U	<0.47U
SSHS-SS3	B23469	5/10/2000	0-0.25	<0.46U	<0.46U	-	<0.46U	-	<0.46U	-	0.081J	0.097J	0.094J	0.074J	-	-	-	-	-	-	-	-	0.059J	<0.46U	<0.46U
SSHS-SS4	B23483	5/11/2000	0-0.25	<0.43U	<0.43U	-	<0.43U	-	<0.43U	-	0.05J	0.046J	0.046J	<0.43U	-	-	-	-	-	-	-	-	0.046J	<0.43U	<0.43U
SSHS-SS5	SS5	9/12/2000	0-0	<0.45U	<0.45U	-	<0.45U	-	<0.45U	-	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	-	<0.45U	<0.45U	<0.45U	<0.45U
SSHS-SS6	SS6	9/12/2000	0-0	<0.47U	<0.47U	-	<0.47U	-	<0.47U	-	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	-	<0.47U	<0.47U	<0.47U	<0.47U
SSHS-SS7	SS7	9/12/2000	0-0	<0.44U	<0.44U	-	<0.44U	-	<0.44U	-	<0.44U	0.048J	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	0.05J	<0.44U	-	<0.44U	0.045J	<0.44U	<0.44U
SSHS-SS8	SS8	9/12/2000	0-0	<0.47U	<0.47U	-	<0.47U	-	<0.47U	-	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	-	<0.47U	<0.47U	<0.47U	<0.47U
SSHS-SS9	SS9	9/12/2000	0-0	-	<0.45U	-	<0.45U	-	<0.45U	-	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	-	<0.45U	<0.45U	<0.45U	<0.45U

Restricted Residential exceedances highlighted in grey

TABLE E-4
Summary of SVOCs and VOCs in Soil
Former Sperry Remington - North Portion #808022
Elmira, New York

																								VOCs	
				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	1,4-dichlorobenzene	Bromoethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.002	0.002	0.0023	0.0019	0	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	0.038	0.00039	
			Restricted - Residential					100	100	1.2				0.5		100				6.7	100	100	100		13	
Location	**Field ID**	**Sample Date**	**Sample Depth**																							
SSHS-B59	B59	9/13/2000	0-0	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<0.39U	<0.39U	<0.39U	-	<0.39U	-
SSHS-B70	SSHS-B70-SS	8/14/2014	0-0.17	<0.047U	<0.047U	<0.053U	<0.045U	0.25	<0.011U	<0.0091U	<0.0096U	<0.046U	<0.031U	0.12	<0.032U	<0.0074U	<0.036U	<0.01U	<0.04U	<0.038U	<0.076J	<0.01U	0.21	-	<0.00077U	-
SSHS-B72	SSHS-B72-SS	8/15/2014	0-0.17	<0.044U	<0.044U	<0.05U	<0.042U	0.58	<0.014J	<0.0085U	<0.0089U	<0.043U	<0.029U	0.18	<0.03U	<0.027J	<0.033U	<0.0094U	<0.037U	<0.036U	0.32	<0.0094U	0.47	-	<0.00076U	-
SSHS-B74	SSHS-B74-SS	8/13/2014	0-0.17	<0.047U	<0.047U	<0.054U	<0.045U	1.5	<0.023J	<0.0091U	<0.0096U	<0.046U	<0.031U	0.57	<0.032U	<0.0074U	<0.036U	<0.01U	<0.04U	<0.038U	0.5	<0.01U	1.5	-	<0.00081U	-
SSHS-B75	SSHS-B75-SS	8/14/2014	0-0.17	<0.047U	<0.046U	<0.053U	<0.045U	<0.076J	<0.011U	<0.0091U	<0.0095U	<0.046U	<0.031U	<0.029J	<0.032U	<0.0074U	<0.036U	<0.01U	<0.039U	<0.038U	<0.029J	<0.01U	<0.058J	-	<0.00083U	-
SSHS-B76	SSHS-B76-SS	8/14/2014	0-0.17	<0.045U	<0.044U	<0.051U	<0.043U	0.21	<0.011U	<0.0087U	<0.0091U	<0.044U	<0.029U	0.098	<0.031U	<0.051J	<0.034U	2	<0.038U	<0.036U	<0.066J	<0.0096U	0.18	-	<0.00094U	-
SSHS-B77	SSHS-B77-SS	8/14/2014	0-0.17	<0.045U	<0.045U	<0.051U	<0.043U	<0.037J	<0.011U	<0.0087U	<0.0091U	<0.044U	<0.029U	<0.0084U	<0.031U	<0.007U	<0.034U	<0.0096U	<0.038U	<0.037U	<0.013U	<0.0097U	<0.033J	-	<0.00084U	-
SSHS-B8	B23485	5/11/2000	0-0.25	-	-	-	-	0.049J	<0.41U	<0.41U	-	-	-	<0.41U	-	<0.41U	-	-	-	<1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-B91	SSHS-91-SS	8/13/2014	0-0.17	<0.097U	<0.097U	<0.11U	<0.094U	9.4	<0.13J	<0.019U	<0.02U	<0.096U	<0.064U	3.9	<0.067U	<0.015U	<0.074U	<0.021U	<0.082U	<0.08U	2.9	<0.021U	7.1	-	<0.00089U	-
SSHS-B92	SSHS-B92-SS	8/12/2014	0-0.17	<0.054U	<0.054U	<0.062U	<0.052U	0.93	<0.013U	<0.01U	<0.011U	<0.053U	<0.035U	0.36	<0.037U	<0.0085U	<0.041U	<0.012U	<0.046U	<0.044U	0.23	<0.012U	0.69	-	<0.0008U	-
SSHS-B93	SSHS-B93-SS	8/12/2014	0-0.17	<0.049U	<0.049U	<0.057U	<0.048U	0.14	<0.012U	<0.0096U	<0.01U	<0.049U	<0.032U	<0.055J	<0.034U	<0.0078U	<0.038U	<0.011U	<0.042U	<0.04U	<0.049J	<0.011U	0.11	-	<0.00072U	-
SSHS-B94	SSHS-B94-SS	8/12/2014	0-0.17	<0.051U	<0.051U	<0.059U	<0.049U	0.39	<0.012U	<0.01U	<0.01U	<0.05U	<0.034U	0.16	<0.035U	<0.0081U	<0.039U	<0.011U	<0.043U	<0.042U	<0.088J	<0.011U	0.28	-	<0.00088U	-
SSHS-B95	SSHS-B95-SS	8/12/2014	0-0.17	<0.049U	<0.049U	<0.057U	<0.048U	0.22	<0.012U	<0.0096U	<0.01U	<0.049U	<0.033U	<0.081J	<0.034U	<0.0078U	<0.038U	<0.011U	<0.042U	<0.04U	<0.063J	<0.011U	0.17	-	<0.00082U	-
SSHS-B96	SSHS-B96-SS	8/12/2014	0-0.17	<0.044U	<0.044U	<0.05U	<0.042U	0.21	<0.011U	<0.0086U	<0.009U	<0.043U	<0.029U	<0.058J	<0.03U	<0.0069U	<0.034U	<0.0094U	<0.037U	<0.036U	0.13	<0.0095U	0.17	-	<0.029U	-
SSHS-B97	SSHS-B97-SS	8/13/2014	0-0.17	<0.049U	<0.049U	<0.056U	<0.047U	<0.057J	<0.012U	<0.0096U	<0.01U	<0.048U	<0.032U	<0.025J	<0.034U	<0.0077U	<0.037U	<0.011U	<0.041U	<0.04U	<0.014U	<0.011U	<0.045J	-	<0.00076U	-
SSHS-B98	SSHS-B98-SS	8/13/2014	0-0.17	<0.05U	<0.05U	<0.057U	<0.048U	0.24	<0.012U	<0.0097U	<0.01U	<0.049U	<0.033U	0.1	<0.034U	<0.0079U	<0.038U	<0.011U	<0.042U	<0.041U	0.12	<0.011U	0.2	-	<0.033U	-
SSHS-B99	SSHS-B99-SS	8/13/2014	0-0.17	<0.047U	<0.047U	<0.054U	<0.046U	0.44	<0.011U	<0.0092U	<0.0097U	<0.047U	<0.031U	0.2	<0.033U	<0.0075U	<0.036U	<0.01U	<0.04U	<0.039U	0.15	<0.01U	0.34	-	<0.0008U	-
SSHS-FB10	SSHS-FB10-A-SS	7/22/2014	0-0.17	<0.0047U	<0.0047U	<0.009J	<0.0045U	0.14	<0.0057J	<0.00091U	<0.00096U	<0.0046U	<0.0031U	0.051	<0.0032U	<0.0078J	<0.0036U	<0.001U	<0.004U	<0.0038U	0.071	<0.005J	0.094	-	-	-
SSHS-FB5	B23403T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-3N	B23404T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-4N	B23408T3	8/14/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-FB5-A	SSHS-FB5-A-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00073U	-
SSHS-FB5-B	SSHS-FB5-B-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00086U	-
SSHS-FB5-C	SSHS-FB5-C-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00096U	-
SSHS-FB5-D	SSHS-FB5-D-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00076U	-
SSHS-FB5-E	SSHS-FB5-E-SS	7/21/2014	0-0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00072U	-
SSHS-FB6	B23402T3	8/14/2000	0-0.25	-	-	-	-	0.058J	<0.44U	<0.44U	-	-	-	<0.44U	-	<0.44U	-	-	-	<2.3U	<0.44U	<0.44U	0.067J	-	<0.44U	-
SSHS-FB6-A	SSHS-FB6-A-SS	7/22/2014	0-0.17	<0.0047U	<0.0047U	<0.01J	<0.0045U	0.44	0.052	<0.00092U	<0.00096U	<0.0046U	<0.0031U	0.13	<0.0032U	0.03	<0.0036U	<0.001U	<0.004U	<0.0038U	0.33	<0.001U	0.28	-	-	-
SSHS-FB9-A	SSHS-FB9-A-SS	7/22/2014	0-0.17	<0.005J	<0.0047U	<0.011J	<0.0045U	0.11	<0.0017J	<0.00092U	<0.00096U	<0.0046U	<0.0031U	0.057	<0.0032U	0.013	<0.0036U	<0.001U	<0.004U	<0.0039U	0.037	<0.001U	0.074	-	-	-
SSHS-SS1	B23406T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23406T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS1	B23456	5/10/2000	0-0.25	-	-	-	-	<0.5U	<0.5U	<0.5U	-	-	-	<0.5U	-	<0.5U	-	-	-	<1.2U	<0.5U	<0.5U	<0.5U	-	<0.5U	-
SSHS-SS10	SS10	9/12/2000	0-0	<0.37U	<0.37U	<0.37U	<0.37U	0.56	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	0.44	-	<0.37U	-
SSHS-SS11	SS11	9/12/2000	0-0	<0.37U	<0.37U	<0.37U	<0.37U	0.38	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<0.37U	<1.9U	<0.37U	<0.37U	<0.37U	-	<0.37U	-
SSHS-SS12	SS12	9/12/2000	0-0	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<0.4U	<2U	<0.4U	<0.4U	<0.4U	-	<0.4U	-
SSHS-SS13	SS13	9/12/2000	0-0	<0.39U	<0.39U	<0.39U	<0.39U	0.6	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<2U	<0.39U	<0.39U	0.41	-	<0.39U	-
SSHS-SS14	SS14	9/12/2000	0-0	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<0.41U	<2.1U	<0.41U	<0.41U	<0.41U	-	<0.41U	-
SSHS-SS2	B23407T2	7/11/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23407T2-1	7/27/2000	0-0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SSHS-SS2	B23458	5/10/2000	0-0.25	-	-	-	-	<0.47U	<0.47U	<0.47U	-	-	-	<0.47U	-	<0.47U	-	-	-	<1.1U	<0.47U	<0.47U	<0.47U	-	<0.47U	-
SSHS-SS3	B23469	5/10/2000	0-0.25	-	-	-	-	0.059J	<0.46U	<0.46U	-	-	-	0.075J	-	<0.46U	-	-	-	<1.1U	<0.46U	<0.46U	0.065J	-	<0.46U	-
SSHS-SS4	B23483	5/11/2000	0-0.25	-	-	-	-	0.084J	<0.43U	<0.43U	-	-	-	<0.43U	-	<0.43U	-	-	-	<1U	<0.43U	<0.43U	0.066J	-	<0.43U	-
SSHS-SS5	SS5	9/12/2000	0-0	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<2.3U	<0.45U	<0.45U	<0.45U	-	<0.45U	-
SSHS-SS6	SS6	9/12/2000	0-0	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<2.4U	<0.47U	<0.47U	<0.47U	-	<0.47U	-
SSHS-SS7	SS7	9/12/2000	0-0	<0.44U	<0.44U	<0.44U	<0.44U	0.071J	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<0.44U	<2.3U	<0.44U	<0.44U	0.056J	-	<0.44U	-
SSHS-SS8	SS8	9/12/2000	0-0	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<0.47U	<2.4U	<0.47U	<0.47U	<0.47U	-	<0.47U	-
SSHS-SS9	SS9	9/12/2000	0-0	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<0.45U	<2.3U	<0.45U	<0.45U	<0.45U	-	<0.45U	-

Restricted Residential exceedances highlighted in grey

APPENDIX F
UNDERGROUND UTILITY SURVEY

NYLD Infrastructure Field Report

NEW YORK LEAK DETECTION, INC.

Date: 7/13/15 - 7/14/15 Technician: Joe Goodfellow

Customer: Geosyntec Consultants

Site Address: Elmira High School 777 South Main St. Elmira, N.Y.

Contact Person: Adam Gray Phone: 301-379-0933 Phone: _____

Scope of Work: Locate utilities in outlined areas on map (~189 borings)

Type of Service:

☐ *Leak Detection* ☒ *Utility Location/GPR* ☐ *Video Inspection*

☐ *Infrastructure Assessment* ☐ *Utility Mapping/AutoCAD*

Type of Equipment Used

☐ *Profiler EMP 400* ☐ *RD4000* ☒ MetroTech Vivax vLocPro2

☐ *LC2500 Leak Correlator* ☒ *Noggin 250 mHz* ☐ PosiTector UTG G3

☐ *S-30 Surveyor* ☐ Noggin 500 mHz ☒ *Video Inspection Camera*

☒ *Sonde* ☐ Conquest 1000 mHz ☐ *Helium # Bottles*

☐ *Leica Robotic Total Station* ☐ *Leica GPS*

Marking Used

☒ *Paint* ☒ *Flags* ☐ *Chalk*

☐ *Updated existing maps onsite* ☐ *Other:* _____

Instructions from Onsite Contact: Locate utilities in outlined areas on map.

Size of Pipe: _____

Notes/Testing Results: 7/13/15 - Began work in ballfield, grand stand and entrance by pool. Electric, water and some unknowns located. Entrance area has almost 2' of mulch, GPR is to high off ground, no reception, known buried manholes in this area. 7/14/15 - Began work on back side, more mulch here, large area. Water, storm and gas mains in area. Start parking area, used camera and sonde to help locate storm lines. HVE and gas main run through parking lot. On site with Steve Birmingham. See attached.

Information Transfer

☒ *Information relayed on site to: Adam* ☐ *Hand drawn map (forward to office for digital remake)* ☐ *All markings picked up by surveyors*

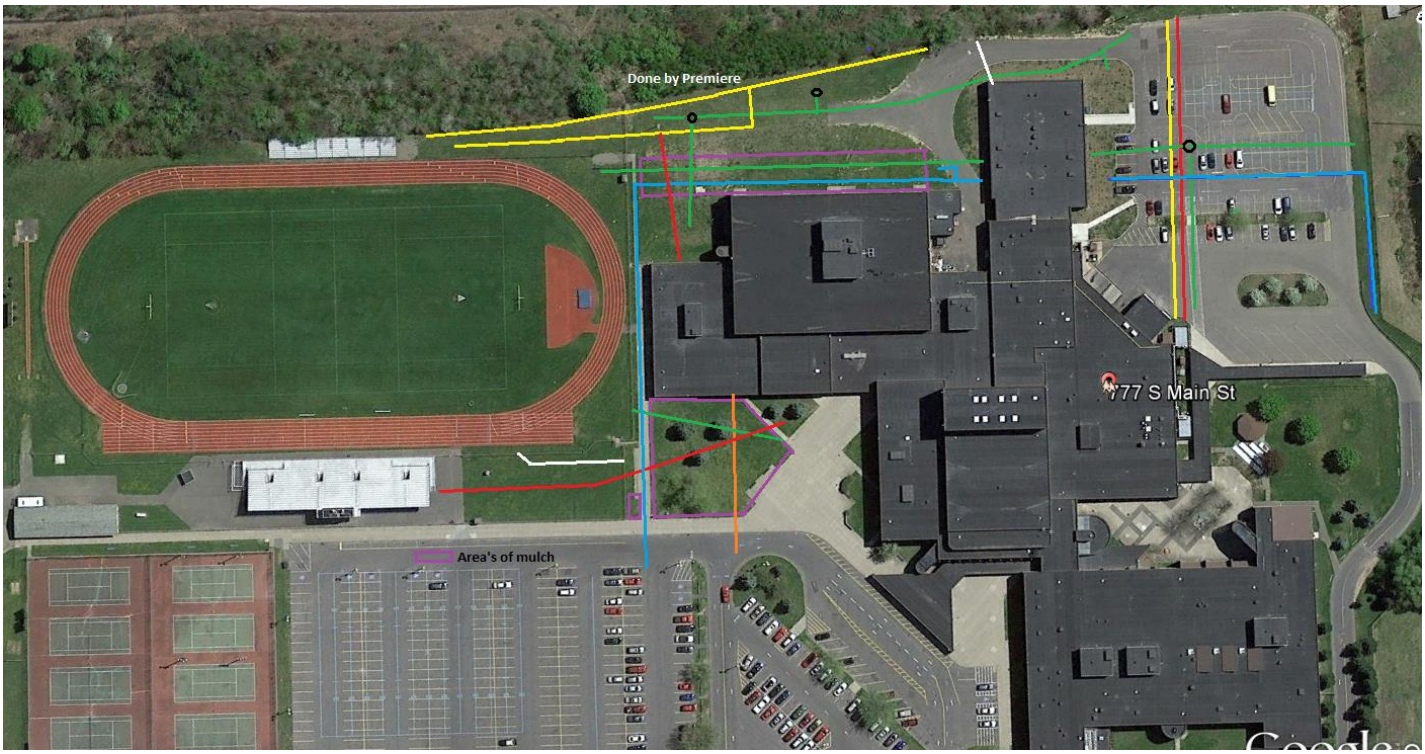
NYLD Infrastructure

Field Report

NEW YORK LEAK DETECTION, INC.

Key

Blue	Water
Red	Power
Orange	Communications
Yellow	Gas/Flammable Fuel
White	Unknown
Green	Storm/Sanitary



NYLD Infrastructure Field Report

NEW YORK LEAK DETECTION, INC.

Date: Mon. 07/13/2015 & Tues. 07/14/2015 Wed. 07/15/2015 Technician: Steve Birmingham

Customer: Geosyntec Consultants

Site Address: Elmira School 777 South Main St Elmira, NY

Contact Person: Jay Thompson Phone: 650-319-5880 Phone: Adam Gray301-379-0933

Scope of Work: U.L. - Locate utilities in outlined areas on map (~189 borings).

Type of Service:

☐ *Leak Detection* ☒ *Utility Location/GPR* ☐ *Video Inspection*

☐ *Infrastructure Assessment* ☐ *Utility Mapping/AutoCAD*

Type of Equipment Used

☐ *Profiler EMP 400* ☒ *RD4000* ☐ MetroTech Vivax vLocPro2

☐ *LC2500 Leak Correlator* ☒ *Noggin 250 mHz* ☐ PosiTector UTG G3

☐ *S-30 Surveyor* ☐ Noggin 500 mHz ☐ *Video Inspection Camera*

☒ *Sonde* ☐ Conquest 1000 mHz ☐ *Helium # Bottles*

☐ *Leica Robotic Total Station* ☐ *Leica GPS*

Marking Used

☒ *Paint* ☒ *Flags* ☐ *Chalk*

☐ *Updated existing maps onsite* ☐ *Other:* _____

Instructions from Onsite Contact: _____

Size of Pipe: _____

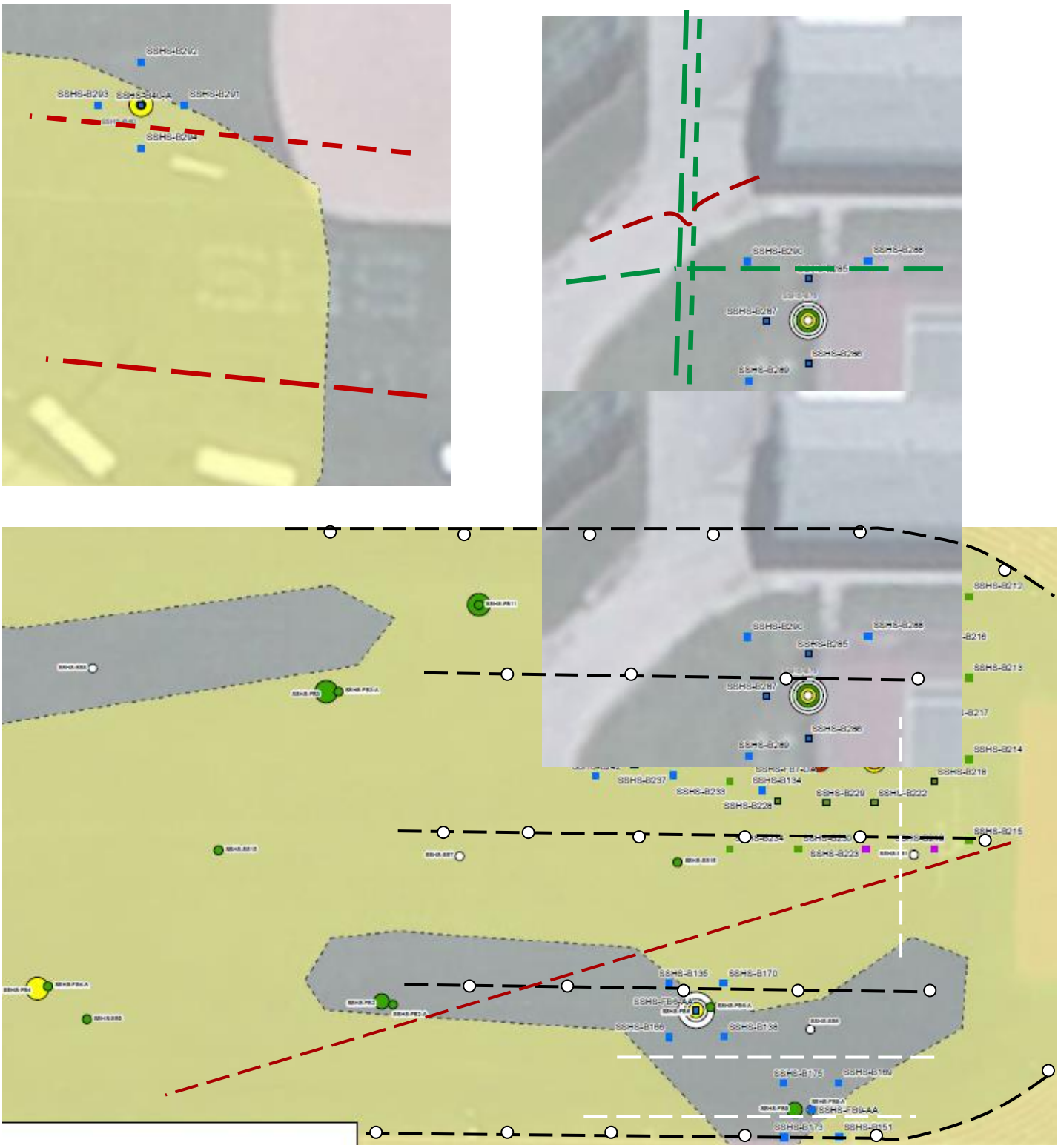
Ground Cover/Weather Conditions: Partly Cloudy grass turf, bark mulch beds and parking lot placktop

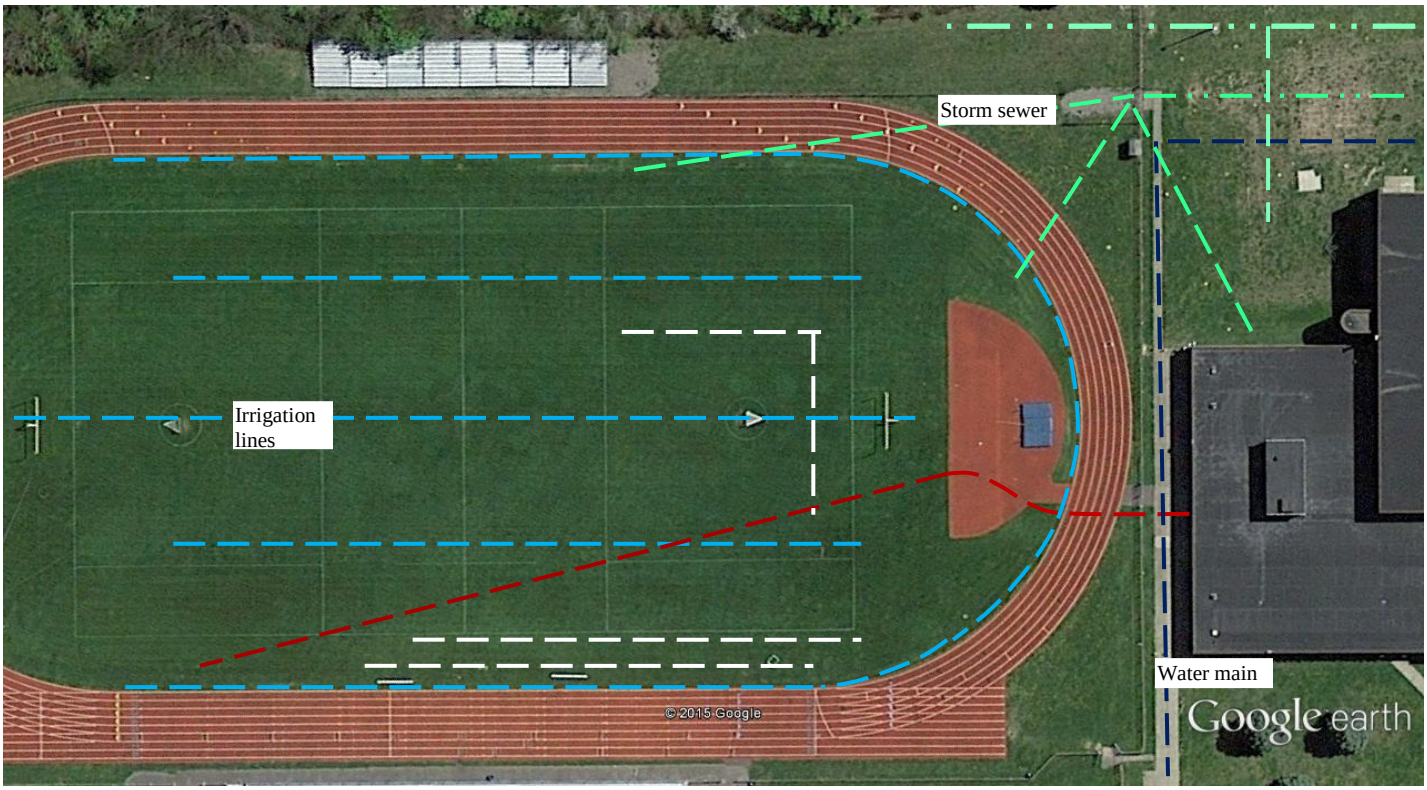
Site Access/Safety Training: _____ **Expiration Date:** _____

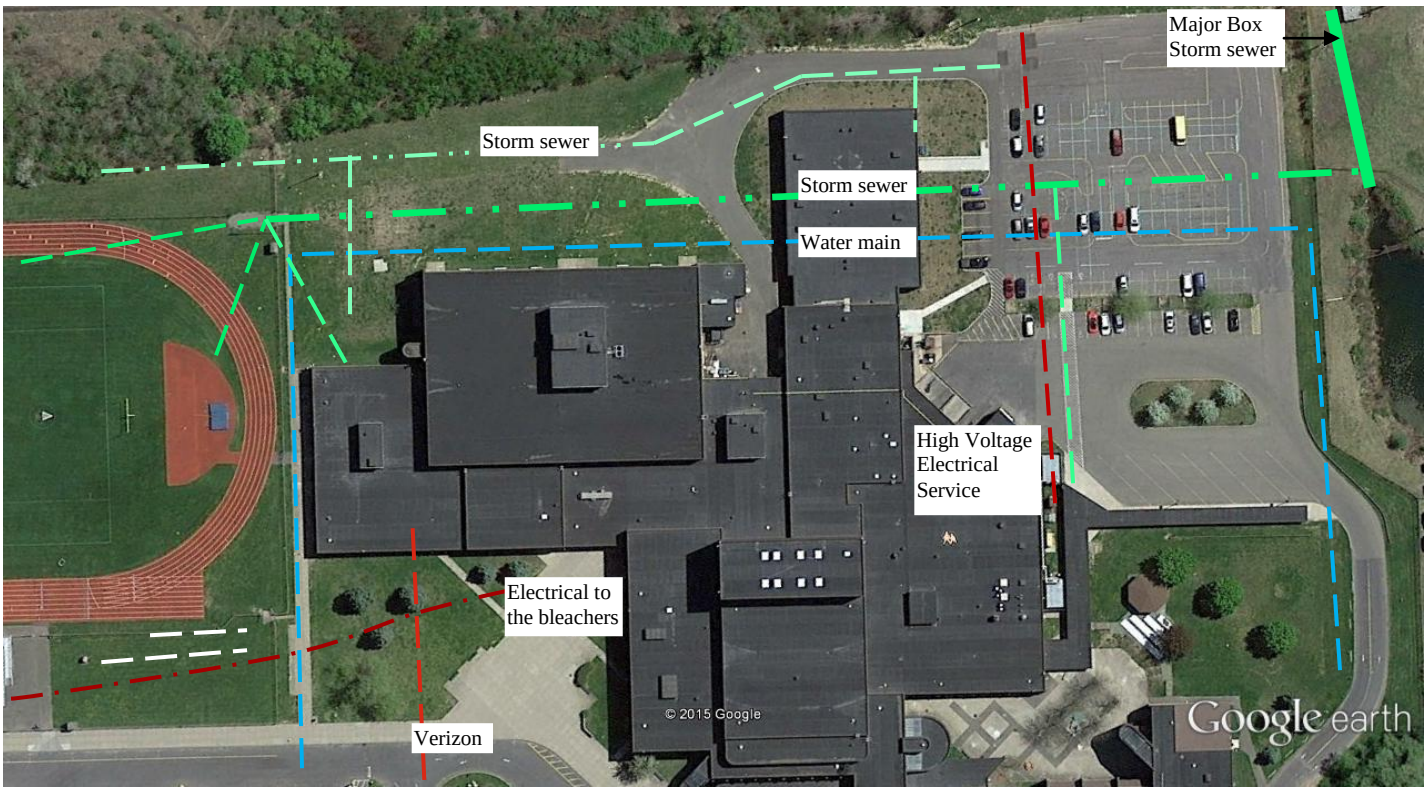
Information Transfer

☒ *Information relayed on site to: Jay Thompson & Adam Gray* ☐ *Hand drawn map (forward to office for digital remake)* ☐ *All markings picked up by surveyors*

Notes/Testing Results:




Storm sewer
Irrigation lines
Water main
© 2015 Google
Google earth


Major Box
Storm sewer
Storm sewer
Storm sewer
Water main
High Voltage Electrical Service
Electrical to the bleachers
Verizon
© 2015 Google
Google earth

1. Used the RD8000 to scan all areas on power and radio modes.
2. Used the Noggin Smart cart with the 250 antenna to scan all areas.
3. Bark mulch beds have been installed in two areas. These two areas didn't scan well with the radar.
4. No digging allowed in the bark mulch areas.
5. Storm sewer discharge into a major storm box culvert on the adjacent property.

Key

Blue	Water
Red	Power
Orange	Communications
Yellow	Gas/Flammable Fuel
White	Unknown
Green	Storm/Sanitary

APPENDIX G
EXCAVATION WORK PLAN

APPENDIX G – EXCAVATION WORK PLAN (EWP)

G-1 NOTIFICATION

All intrusive activities except for excavation within NYSDEC-approved restricted residential use soil cover underlain by a demarcation layer shall be managed under this EWP. Additionally, areas beneath hard cover such as the school building, pavement and walkways will also be managed under this EWP. At the request of ECSD, major ground intrusive activities must only be conducted when the high school is not in session, with the exception of emergencies and interim remedial measures (IRMs) or other remedial measures conducted under NYSDEC approved work plans, in which case adequate safeguards will be used to eliminate potential exposure pathways and, in the case of IRMs or other remedial measures only when operational concerns of ECSD have been addressed adequately at the sole discretion of ECSD such as restoration plans, evacuation plans, and other accommodations to ensure the safe and prudent operation of the high school. At least 15 days prior to the start of any planned activity that is anticipated to encounter remaining contamination, the site owner, the remedial party (RP), or their representative will notify the NYSDEC. In the case of emergency soil excavation projects, NYSDEC will be notified within 48 hours. Emergency soil excavation projects are defined as projects that must occur immediately to address a subsurface maintenance emergency (e.g., damaged utility pipes). **Table G-1** includes contact information for the above notification. The information on this table will be updated as necessary to provide accurate contact information. A full listing of site-related contact information is provided in Appendix 1.

Table G-1: Notifications*

Kaleigh Zappia Project Manager	Phone: 585-226-5351 Email: kaleigh.zappia@dec.ny.gov
David Pratt, PE Regional Hazardous Waste Remediation Engineer	Phone: 585-226-5315 Email: david.pratt@dec.ny.gov
Kelly Lewandowski, PE Site Control	Phone: 518-402-9553 Email: kelly.lewandowski@dec.ny.gov
Joe Magliocca Director of Facilities, ESCD	Phone: 607-735-3980 Email: jmagliocca@elmiracityschools.com
Peter Meybaum Health & Safety Compliance Specialist GST BOCES/ECSD	Phone: 607-735-3992 Email: pmeybaum@gstboces.org
Kevin Krueger Director, Global Environmental, Safety, Health and Security Corporate Real Estate and General Services Unisys Corporation	Phone: 651-212-7273 Email: kevin.krueger@unisys.com

* Note: Notifications are subject to change and will be updated as necessary.

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings for site re-grading, intrusive

elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact EC;

- A summary of environmental conditions anticipated to be encountered in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work;
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP and 29 CFR (Code of Federal Regulations) 1910.120;
- A copy of the contractor's health and safety plan (HASP), in electronic format, if it differs from the HASP provided in Appendix 4 of this interim SMP;
- Identification of disposal facilities for potential waste streams; and
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

G-2 ROLES AND RESPONSIBILITIES

Safe execution of all invasive and other work performed under this EWP is the responsibility of the RP or the owner of the property and their contactors or both depending on excavation activity to be performed.

Implementation of this EWP will be supervised by a qualified environmental professional (QEP) as defined in DER-10 1.3(b) representing the RP or the owner of the property, as applicable. The QEP will be responsible for environmental monitoring and compliance during all intrusive activities as described above. QEP oversight during intrusive activities within NYSDEC-approved restricted residential use soil cover underlain by demarcation layer will not be required. **Figures G-1** through **G-5** present areas of the Site that have NYSDEC approved restricted residential use soil cover underlain by a demarcation layer, known residual and remaining contamination and, areas that are under investigation.

Environmental monitoring and compliance responsibilities of the QEP include:

- Screening of soils to identify potentially contaminated material (Section G-3);
- Supervision of invasive work, excavation and load-out of excavated material, investigation for the presence of utilities and easements on the Site and oversight of decontamination of outbound trucks (Section G-5); and
- Evaluation of materials to be reused or imported onto the Site (Section G-8).

G-3 SOIL SCREENING METHODS

Procedures for characterizing excavated soils from the Site are summarized on **Figure G-6**.

Visual, olfactory and instrument-based (e.g., photoionization detector (PID)) soil screening will be performed by a QEP during all excavations into known or potentially contaminated material (remaining contamination). Soil screening by a QEP will not be required for excavations above demarcation layers in areas that have been remediated or in areas that have been investigated and determined to not require remediation. Soil screening will be performed when invasive work is done and will include all excavation and invasive work performed during development, such as major excavations for foundations and utility work, prior to and after issuance of the Certificate of Completion (COC).

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal and material that requires testing to determine if the material can be reused on-site as soil beneath a cover or if the material can be used as cover soil. Further discussion of off-site disposal of materials and on-site reuse is provided in Sections G-7 and G-8 of this Appendix, respectively.

Soil observed to be stained, discolored, tinted, dyed, unnaturally mottled, or has a sheen or produces elevated PID readings (i.e., sustained 10 ppm or greater) will be considered potentially contaminated and stockpiled for further assessment. Potentially contaminated soil defined as a source level of contamination includes soil that contains contaminant concentrations sufficient to be a potential exposure to public health or the environment or can release contaminants to another environmental medium.

Figures G-1 through **G-5** are provided as reference to determine if soils in the work area require management with regards to potential contamination. As-built drawings contained in Construction Completion Reports listed in **Table G-3** also should be consulted to evaluate subsurface conditions and soil quality. Areas still under investigation should be treated as potentially contaminated. Areas that have been remediated have a minimum of two (2) feet of imported NYSDEC-approved restricted residential use soil cover underlain by a demarcation layer. Soils present above the demarcation layer in areas that have been remediated and soils approved for re-use as backfill below a demarcation layer may be appropriately returned to the excavation (above or below demarcation) without characterization. If odors, stained soils, liquid product or groundwater are encountered in an excavation, the activity should be stopped immediately and a QEP shall be contacted to screen the soils for potential contamination as described above.

Table G-3: As-Built References*

Construction Completion Report, IRM #1, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, April 2018; Revised February 2019
Construction Completion Report, IRM #2, Former Sperry Remington Site – North Portion, NYSDEC Project C808022, Geosyntec Consultants, March 2019

* Note: As-built references will be updated as necessary.

G-4 SOIL STAGING METHODS

Material staging activities will be coordinated with ECSD. All excavated soil, regardless of condition, must be placed on polyethylene sheeting (sheeting) and covered to reduce precipitation infiltration and dust migration.

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC.

G-5 MATERIALS EXCAVATION AND LOAD-OUT

A QEP or person under their supervision will oversee invasive work and the excavation and load-out of all excavated material.

The presence of utilities and easements on the site will be investigated by the QEP. It will be determined whether a risk or impediment to the planned work under this interim SMP is posed by utilities or easements on the site. Dig Safely New York (1-800-962-7962) must be contacted for a utility location request for the proposed excavation area.

In areas of known contamination or areas under investigation, confirmation samples will be collected from the sidewalls and bottom of the excavation in order to document the chemical quality of soils left behind. Further discussion of confirmation sampling is presented in Section G-9. Geotextile fabric will be placed in the excavation prior to backfilling below the cover system as a separation between remaining soils and the fill material.

Loaded vehicles leaving the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and New

York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements).

Trucks and equipment transporting contaminated soils shall be loaded in a manner that prevents contact with contaminated material outside of the secured bed of the truck. This includes the use of plastic sheeting or equivalent materials to prevent spilled soils from contacting the sides of the truck and the use of a clean physical barrier (plastic sheeting, etc.) to prevent truck tires from traveling directly on contaminated soils. The QEP will be responsible for ensuring that trucks and equipment that come into contact with contaminated soils outside of the secured bed are decontaminated prior to leaving the site.

A truck wash will be operated on-site, as appropriate. The QEP will be responsible for ensuring that all outbound trucks requiring decontamination will be washed at the truck wash before leaving the site until the activities performed under this section are complete. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking.

The QEP will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of dirt and other materials derived from the site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

G-6 MATERIALS TRANSPORT OFF-SITE

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 New York Codes, Rules and Regulations (NYCRR) Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

Truck transport routes are as follows: (1) Trucks are to proceed north on S Main Street until reaching W. Miller Street. (2) Trucks are to turn right on W Miller Street and immediately turn on to Clemens Center Parkway heading north. (3) Trucks are to proceed on Clemens Center Parkway until reaching E Water Street. (4) Turn right on E Water Street and Proceed to I-86. All trucks loaded with site materials will exit the vicinity of the site using only these approved truck routes. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility;

(d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development.

Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

G-7 MATERIALS DISPOSAL OFF-SITE

Excavated soils that are being considered for off-Site disposal will be stockpiled and composite soil sample(s) will be collected for disposal characterization. The composite sample(s) will be analyzed for the parameters specified in **Table G-4** "Permitted Disposal Facilities-Soil Sampling Requirements Summary", and any additional parameters required by the permitted transporter. The number of composite samples collected will depend on the volume of soil excavated and the permitted disposal facility requirements. Individual gab samples will be collected if required by disposal facilities.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, construction and demolition (C/D) recycling facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the next quarterly Site Inspection Report. This documentation will include: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6 NYCRR Part 360-1.2. Material that does not meet Unrestricted Use SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

Soils with total PCB concentrations greater than or equal to fifty (50) mg/kg will be handled as PCB remediation waste under 40 CFR §761.3 Toxic Substances Control Act (TSCA) and as hazardous waste containing PCBs as defined in 6 NYCRR Part 371.4 (e). PCB remediation waste will be transported to at an appropriate treatment storage and/or disposal facility. Each shipment will have the required manifest, labeling and placarding in accordance with Federal and state laws and regulations.

Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site will be disposed of based on the waste profile of the surrounding soils.

G-8 MATERIALS REUSE ON-SITE

The QEP will ensure that procedures defined for materials reuse in this interim SMP are followed and that unacceptable material does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for reuse on-site will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Excavated soil being considered for reuse must be characterized to determine whether it can be reused within a soil cover system (zero (0) to two (2) feet bgs) or as fill material below a cover system. Excavated soil may be reused as a soil cover system, or as backfill in landscaping berms, provided that soil concentrations do not exceed the Unrestricted Use Soil Cleanup Objectives presented in Appendix 5 of DER-10. A Request to Import/Reuse Form (http://www.dec.ny.gov/docs/remediation_hudson_pdf/requesttoreusesoil.pdf) must be completed and submitted to NYSDEC for approval for reuse. Excavated soils with known contamination may not be reused within a soil cover system.

Reuse of Excavated Soil Within a Soil Cover System

All material excavated from beneath the demarcation layer or from an area of known contamination or from an unknown area, must be sampled if it is to be reused on-site. If excavated soil does not have characteristics of potentially contaminated soil as determined by a QEP, one (1) composite and two (2) grab soil samples shall be collected for every 100 cy of excavated soil. Composite and grab soil sample(s) will be analyzed for parameters provided in **Table G-4** as a basis for achieving the Site Soil Management Objectives (SMOs) for the soil cover system presented in **Table G-2**. The grab samples will be collected from the stockpile sample location with the highest PID measurements and will be analyzed only for VOCs. Each composite sample should be comprised of three (3) to five (5) discrete locations within the stockpile and biased towards impacted material. If analytical results indicate that the SMOs for the soil cover system are not exceeded, the soil may be used as soil cover. Otherwise, soil may be considered for use as fill beneath an approved cover system as described below.

Reuse of Excavated Soil as Fill Material Below a Soil Cover System

If excavated soil is proposed for reuse below a cover system, one (1) composite and two (2) grab soil samples shall be collected for every 100 cy of excavated soil. Composite and grab soil sample(s) will be analyzed for parameters provided in **Table G-4** as a basis for achieving the limits for Restricted Residential Use Allowable Constituent Levels listed in DER-10, Appendix 5. The grab samples will be collected from the stockpile sample location with the highest PID measurements and will be analyzed only for VOCs. If analytical results indicate that the Restricted Residential Use Allowable Constituent Levels listed in DER-10, Appendix 5 are not exceeded, the soil may be used as fill beneath an

approved cover system. If any of the SMOs are exceeded, excavated soil may be considered for use as fill beneath an approved cover system as approved by NYSDEC in accordance with DER-10.

Procedures for Collecting Soil Samples

A composite soil sample will be collected from each stockpile (l00 cy stockpiles or equivalent) and should be comprised of three (3) to five (5) discrete locations within each stockpile and biased to impacted material based visual, olfactory observations and PID measurements. A duplicate sample will also be collected for every twenty (20) composite soils collected. PID measurements will be recorded for each discrete location. For stockpiles considered potentially contaminated with VOCS, one (1) grab sample will also be collected from the stockpile sample location with the highest PID measurement. If none of the discrete locations exhibit PID readings, one (1) location will be selected at random. Grab soil sample(s) will be analyzed only for VOCs and composite soil samples will be analyzed for all parameters listed in **Table G-4**.

Soil samples will be composited by placing equal portions of fill/soil from each of the five (5) composite sample locations from one (1) 100-cy soil stockpile into a clean, stainless steel or Pyrex glass mixing bowl. The soil/fill will be thoroughly homogenized using a stainless steel or dedicated plastic scoop or trowel and transferred to jars provided by the laboratory. Sample jars will then be labeled and a Chain-of-Custody form will be prepared. All soil samples that require analysis will be submitted to a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory and analytical results will be data validated by an independent third party to ensure accuracy of sampling, testing and data reporting procedures.

Reuse of Other Materials

Any demolition material proposed for reuse on-site will need to be approved by ECSD and be sampled for asbestos and lead if painted surfaces are present or suspected. The results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site will not be reused on-Site. Former industrial structures may not be reused onsite and must be disposed of properly.

G-9 CONFIRMATION SAMPLING

Confirmation samples will be collected from excavations in areas of known contamination and in areas under investigation in accordance with Section 5.4 (b) of DER-10. The following are minimum confirmation sampling frequencies for soil excavations of:

i. less than 20 feet in perimeter, include one bottom sample and one sidewall sample biased in the direction of surface runoff;
ii. 20 to 300 feet in perimeter, one sample from the bottom of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area; or
iii. greater than 300 feet in perimeter, should be in accordance with either: (1) subparagraph ii above; or (2) a NYSDEC-approved reduced sampling frequency, where the RP submits a proposed sampling frequency.

In an excavation where multiple layers of contamination have been analytically identified, sidewall samples will be collected from each interval to the extent feasible.

Confirmation samples will be submitted to a fixed laboratory for analyses of COPCs known to be present or that are part of a remedial investigation. In excavations where multiple depth intervals have been excavated, sidewall confirmation samples will be collected from each interval. During the Remedial Investigation (RI) of the Site, sample handling and analytical procedures will be consistent the Quality Assurance Project Plan (QAPP) included the RI Work Plan. Sidewall or bottom samples requiring VOC analyses will be collected (1) from the zero to six-inch interval at the excavation floor within 24 hours of excavation; or (2) at six to twelve inches after 24 hours.

G-10 FLUIDS MANAGEMENT

All liquids to be removed from the site, including but not limited to, excavation dewatering, decontamination waters and groundwater monitoring well purge and development waters, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Dewatering, purge and development fluids will not be recharged back to the land surface or subsurface of the site, and will be managed off-site, unless prior approval is obtained from NYSDEC.

Air monitoring for VOCs will be conducted during pumping of groundwater from an excavation. If pumping of water from an excavation is necessary (i.e., groundwater and/or storm water that has accumulated in an excavation), this will be performed in such a manner as to prevent the migration of particulates, soil/fill, or unsolidified concrete materials, and to prevent damage to the existing subgrade. Water pumped from excavations will be managed properly in accordance with all applicable regulations so as to prevent endangerment of public health, property, or any portion of the construction area.

In areas where groundwater may be contaminated, the groundwater in excavations will be field screened for VOCs and observed for any visible sheens. Water in the excavations will not be discharged to the ground surface if staining or PID measurements above background are observed in the excavation, or a sheen is present on the water surface.

If any of these conditions exist, the water pumped from the excavations will be containerized in drums, totes or Frac tanks and will be analyzed in accordance with the Surface Water and Ground Water Quality Standards set forth in 6 NYCRR Part 703.5 and the local sewer authority discharge permit. If the water meets the surface water and groundwater quality standards, it may be discharged to the ground surface. If the water does not meet the surface water and groundwater quality standards, it may be discharged to the local sewer authority under a discharge permit. If the water quality is such that the local sewer authority discharge permit requirements will be exceeded, or the local sewer authority will not approve the discharge to a sewer, it will be transported to a permitted facility or treated on the EHS property via a treatment system that has been approved by the NYSDEC.

Runoff from surface discharges shall be controlled. No discharges shall enter a surface water body without proper permits. Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream or river) will be performed under a State Pollutant Discharge Elimination System (SPDES) permit.

G-11 COVER SYSTEM RESTORATION

After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with this interim SMP. The existing cover system is comprised of a minimum of twenty-four (24) inches of vegetated soil cover, or a minimum of six (6) inches of asphalt (including subbase material) in areas containing roads, sidewalks, and parking lots, or a minimum of six (6) inches of concrete (including subbase material) in areas containing roads, sidewalks or parking lots constructed of concrete in lieu of asphalt. The demarcation layer, consisting of orange snow fencing material, white geotextile or equivalent material, etc. will be replaced to provide a visual reference to the top of the remaining contamination zone, the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in this interim SMP. If the type of cover system changes from that which exists prior to the excavation (e.g., a soil cover is replaced by asphalt), this will constitute a modification of the cover element of the remedy and the upper surface of the remaining contamination. As-built conditions will be documented by a NYS licensed surveyor and reported in the next quarterly inspection report. EWP **Figures G-1** to **G-5** will be updated quarterly to include the locations of demarcation layers and NYSDEC-approved fill material (imported or reused), as necessary.

G-12 BACKFILL FROM OFF-SITE SOURCES

All materials proposed for import onto the site will be approved by a QEP and will be in compliance with provisions in this interim SMP prior to receipt at the site. A Request to Import/Reuse Fill or Soil form, which can be found at http://www.dec.ny.gov/regulations/67386.html, will be prepared and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the site.

Subgrade material from off property locations used to backfill excavations to increase Site property grades or to increase elevation shall meet the following criteria:

- Off-property borrow soils will be documented as having originated from locations having no evidence of disposal or release of hazardous, toxic or radioactive substances, wastes or petroleum products.

- Off-property soils intended for use as Site backfill cannot be defined as a solid waste in accordance with 6 NYCRR Part 360-1 .2(a).

- Virgin Sources are defined as a NYSDEC permitted mine or quarry. If an off-property soil source is designated as "virgin" soil, it shall be further documented in writing to be native soil material from areas not having supported any known prior industrial or commercial development or agricultural use.

- Virgin Sources shall be sampled in accordance with NYSDEC DER-10 Section 5.4(e) 3ii(1) and Table 5.4(e)10 including per- and polyfluoroalkyl substances (PFAS) as emerging contaminants.

- All non-virgin imported material will be sampled in accordance with NYSDEC DER-10 Table 5.4(e)10. Non-virgin soils will be tested by collecting one (1) composite sample and one (1) grab sample per 500 cy of material from each source area. If more than 1,000 cy of soil are borrowed from a given off-Property non-virgin soil source area, and both samples of the first 1,000 cy meet the SMOs, the sample collection frequency will be reduced to one (1) composite sample and one (1) grab sample for every 2,500 cy of additional soils from the same source, up to 5,000 cy. For borrow sources greater than 5,000 cubic yards, sampling frequency may be reduced to one (1) composite sample and one (1) grab sample per 5,000 cy, provided all earlier samples meet the SMOS.

- Composite soil samples should be analyzed for parameters listed in **Table G-4** and grab soil samples should be analyzed only for VOCs.

All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d) or otherwise approved by NYSDEC. Based on an evaluation of the land use, protection of groundwater and protection of ecological resources criteria, the resulting soil quality standards are listed in **Table G-2**. Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by NYSDEC. Solid waste will not be imported onto the site.

G-13 STORMWATER POLLUTION PREVENTION

When development at the EHS property requires disturbing more than one (1) acre of land, Federal and State laws require that the project obtain coverage under the NYSDEC SPDES General Permit for Storm Water Discharges from Construction Activities, Permit #GP-0-15-002 (Construction Storm Water General Permit) effective December 9, 2002. Requirements for coverage under the Construction Storm Water General Permit include the submittal of a Notice of Intent (NOI) form (http://www.dec.ny.gov/docs/water_pdf/gp015002cpnoi.pdf) and the development of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP must fulfill all permit requirements and will provide the following information:

- Background discussion of the scope of the construction project. Statement of the storm water management objectives.
- Evaluation of post—construction runoff conditions.
- Description of proposed storm water control measures.
- Description of the type and frequency of maintenance activities required to support the control measure.

The SWPPP must address issues such as erosion prevention, sedimentation control, hydraulic loading, pollutant loading, ecological protection, EHS property characteristics that impact design, and EHS property management planning. All descriptions of proposed features and structures will include a description of structure placement, supporting engineering data and calculations, construction scheduling, and references to established detailed design criteria. The SWPPP will conform to all requirements as established by applicable regulatory agencies.

SWPPPs have been prepared by Unisys for construction of IRM #1 (2017), IRM #2 (2018) and IRM #3 (2019), IRM #4 and IRM #4 (2020) and IRM #5A2 (2021). SWPPPs and will be prepared for future remedial work under the BCP. NOIs for construction related to remedial activities will be submitted to the NYSDEC Division of Environmental Remediation (DER). ECSD may adopt the Unisys SWPPP if a capital improvement project is undertaken in an area where remedial actions will occur. ECSD will be responsible for SWPPP preparation for any construction undertaken by ECSD for capital improvements or otherwise that requires a SWPPP that does not coincide with remedial activities and will submit the SWPPP. Any SWPPP and NOI for construction activity that is not related to remedial activities will be submitted to the applicable state and local agencies.

Proven soil conservation practices will be incorporated in the construction and development plans to mitigate soil erosion, off—Property sediment migration, and water pollution from erosion. The use of appropriate temporary erosion control measures such as

silt fencing and/or hay bales will be required around all soil/fill stockpiles and unvegetated soil surfaces during construction activities. Stockpiles shall be graded and compacted as necessary for positive surface water runoff and dust control. Stockpiles of soil/fill will be placed a minimum of 50 feet from the EHS property boundary.

Temporary Erosion Control Measures

Temporary erosion and sedimentation control measures and Best Management Practices (BMPs) will be employed during active construction stages. Prior to any construction activity, temporary erosion and sediment control measures shall be installed and maintained until such time that installed permanent erosion control measures are effective. Silt fencing and filter fabric inlet protection will be incorporated into construction activities.

As sediment collects along the silt fences, the silt fences will be cleaned to maintain the desired performance and to prevent structural failure of the fence. Accumulated sediment will be removed when bulges develop in the silt fence. Removed sediment will be stockpiled and characterized in accordance with Section G-3. The perimeter silt fences will remain in place until construction activities in the area are completed and vegetative cover or other erosion control measures are adequately established. Silt fences will be provided and installed in accordance with the New York Standards and Specifications for Erosion and Sediment Control (Blue Book 2016) and New York State Stormwater Design Manual.

Permanent Erosion Control Measures

Permanent erosion control measures and BMPs will be incorporated during cover system construction and during construction for long—term erosion protection. Permanent measures, as discussed below, will be installed as early as possible during construction phases. Parking and building systems associated with redevelopment shall not include dry wells or other subsurface injections/disposal piping unless they are located in areas where a subsurface investigation has reported contamination levels do not exceed groundwater standards.

Soils management practices involve the installation of an approved cover system including asphalt, concrete, or vegetated soil over all or portions of the SHS property that are under construction. Permanent erosion control measures incorporate a combination of design features to limit overall erosion and sediment problems to practical design limits, and the placement of permanent facilities during restoration for long term erosion protection.

Design features incorporated into the construction plans to control erosion will include limiting steep slopes, routing runoff to surface water collection channels, limiting flow velocities in the collection channels to the extent practical, and lining collection channels, where appropriate. In areas where flow will be concentrated (i.e.; collection channels) the channel slopes and configuration will be designed to maintain channel stability.

Any final slopes greater than 33% will be reinforced and will have a demarcation layer under the clean cover to indicate if erosion has extended to the subgrade. Following the placement of final cover soils over regraded areas, a revegetation program will be implemented to establish permanent vegetation. Vegetation serves to reduce erosion, enhance evapotranspiration, and improve runoff water quality. Areas with slopes greater than 33% will be seeded in stages as construction is completed with 100 lbs./acre of seed of a sustainable perennial mixture.

In addition to the above seed mixture, mulch, mulch blankets, or synthetic fabric will be placed to prevent erosion during turf establishment.

Mulch will be placed on all slopes less than 15% and a mulch blanket on all slopes greater than l5%. Synthetic erosion control fabric will be placed in drainage ditches and swales.

Barriers will be installed and inspected by a trained inspector once a week and after every storm event. A trained contractor is defined as person that is knowledgeable in the principles and practices of erosion and sediment control, such as a licensed Professional Engineer, Certified Professional Engineer, Certified Professional in Erosion, or other Department endorsed individual(s). Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the interim SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

Silt fencing will be installed around the entire perimeter of the construction area.

G-14 EXCAVATION CONTINGENCY AND DEWATERING PLAN

If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of analytes (Target Analyte List [TAL] metals; Target Compound List [TCL] volatiles and semi-volatiles, TCL pesticides and PCBs), unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline at (800) 457-7362. These findings will be also included in the PRR.

If an excavation intersects the groundwater table, and ponded groundwater on the excavation floor interferes with further excavation, the following procedures must be implemented:

- Create a temporary sump in the lowest section of the excavation by removing additional material in this area where groundwater can collect.

- If the temporary sump cannot contain the collected groundwater volume during excavating, groundwater must be pumped and containerized in 55—gallon drums. Drums must be dated, labeled and stored in a secure area.

- A composite sample must be collected from all drums and analyzed for parameters specified by a permitted facility that accepts impacted groundwater. Arrangements must be made with the disposal facility for transport and disposal following receipt of the analytical results for the composite sample.

- All workers involved with managing groundwater in excavations and sampling containerized water must wear disposable outer garments, protective gloves and eyewear.

G-15 COMMUNITY AIR MONITORING PLAN

Air sampling locations will be selected and adjusted on a daily or more frequent basis based on actual wind directions to provide an upwind and at least two downwind monitoring stations. During any excavation activities on the high school property, an air monitoring station will be placed near the closest HVAC air intakes to monitor for potential impact to indoor air quality.

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary for excavation activities. Most sites will involve VOC and

particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

- Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

- Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work

activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities. Final DER-10 Page 206 of 226 Technical Guidance for Site Investigation and Remediation May 2010

1 If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (NYSDEC and NYSDOH) and County Health personnel to review.

Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

G-16 ODOR CONTROL PLAN

This odor control plan is capable of controlling emissions of nuisance odors off-site and on-site. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the RP's Remediation Engineer, and any measures that are implemented will be discussed in the PRR.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

G-17 DUST CONTROL PLAN

A dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

- Particulate monitoring will be performed in accordance with the CAMP when ground-intrusive activities are conducted, including excavation, grading, and soil handling activities.

- Dust suppression will be achieved through the use of a dedicated on-site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles. The use of atomizing sprays is recommended so that excessively wet areas will not be created, however fugitive dust will be suppressed.

- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.

- Gravel will be used on roadways to provide a clean and dust-free road surface.

- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

- Vehicle speed will be restricted to ten (l0) miles per hour (mph) or the listed speed limit, whichever is less.

- Excavated areas and material will be covered as soon as possible after excavating activities cease. Vegetative cover will be established over cover soil as soon as possible.

G-18 OTHER NUISANCES

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

G-19 ACCESS CONTROLS

Access to soil/fill on the property must be controlled until final cover is placed to prevent direct contact with subgrade materials. Stockpiled soil/fill must be covered to limit access to that material and the construction area must be restricted with temporary fencing posted with “no trespassing" signs.

TABLE G-2

SOIL MANAGEMENT OBJECTIVES

Former Sperry Remington Site - North Portion
Elmira, New York

Constiuent of Concern	CAS Number	Soil Cover System (1)	Beneath Soil Cover System (2)
Metals			
Arsenic	7440-38-2	13	16
Barium	7440-39-3	350	400
Beryllium	7440-41-7	7,.2	47
Cadmium	7440-43-9	2.5	4.3
Chromium, hexavalent	18540-29-9	1	19
Chromium, trivalent	16065-83-1	30	180
Copper	7440-50-8	50	270
Total Cyanide		27	27
Lead	7439-92-1	63	400
Manganese	7439-96-5	1600	2000
Total Mercury		0.18	0.73
Nickel	7440-02-0	30	130
Selenium	7782-49-2	3.9	4
Silver	7440-22-4	2	8.3
Zinc	7440-66-6	109	2480
Organochlorine Pesticides			
2,4,5-TP Acid (Silvex)	93-72-1	3.8	3.8
4,4'-DDE	72-55-9	0.0033	8.9
4,4'-DDT	50-29-3	0.0033	7.9
4,4'- DDD	72-54-8	0.0033	13
Aldrin	309-00-2	0.005	0.097
alpha-BHC	319-84-6	0.02	0.02
beta-BHC	319-85-7	0.036	0.09
Chlordane (alpha)	5103-71-9	0.094	2.9
delta-BHC	319-86-8	0.04	0.25
Dibenzofuran	132-64-9	7	59
Dieldrin	60-57-1	0.005	0.1
Endosulfan I	959-98-8	2.4	24
Endosulfan II	33213-65-9	2.4	24
Endosulfan sulfate	1031-07-8	2.4	24
Endrin	72-20-8	0.014	0.06
Heptachlor	76-44-8	0.042	0.38
Lindane	58-89-9	0.1	0.1

TABLE G-2

SOIL MANAGEMENT OBJECTIVES

Former Sperry Remington Site - North Portion
Elmira, New York

Constiuent of Concern	CAS Number	Soil Cover System (1)	Beneath Soil Cover System (2)
Polychlorinated biphenyls			
PCBs, Total	1336-36-3	0.1	1
SVOCs			
Acenaphthene	83-32-9	20	98
Acenapthylene	208-96-8	100	100
Anthracene	120-12-7	100	100
Benz(a)anthracene	56-55-3	1	1
Benzo(a)pyrene	50-32-8	1	1
Benzo(b)fluoranthene	205-99-2	1	1
Benzo(g,h,i)perylene	191-24-2	100	100
Benzo(k)fluoranthene	207-08-9	0.8	1.7
Chrysene	218-01-9	1	1
Dibenz(a,h)anthracene	53-70-3	0.33	0.33
Fluoranthene	206-44-0	100	100
Fluorene	86-73-7	30	100
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5
m-Cresol	108-39-4	0.33	0.33
Naphthalene	91-20-3	12	12
o-Cresol	95-48-7	0.33	0.33
p-Cresol	106-44-5	0.33	0.33
Pentachlorophenol	87-86-5	0.8	0.8
Phenanthrene	85-01-8	100	100
Phenol	108-95-2	0.33	0.33
Pyrene	129-00-0	100	100
VOCs			
1,1,1-Trichloroethane	71-55-6	0.68	0.68
1,1-Dichloroethane	75-34-3	0.27	0.27
1,1-Dichloroethene	75-35-4	0.33	0.33
1,2-Dichlorobenzene	95-50-1	1.1	1.1
1,2-Dichloroethane	107-06-2	0.02	0.02
cis-1,2-Dichloroethene	156-59-2	0.25	0.25
trans-1,2-Dichloroethene	156-60-5	0.19	0.19
1,3-Dichlorobenzene	541-73-1	2.4	2.4
1,4-Dichlorobenzene	106-46-7	1.8	1.8
1,4-Dioxane	123-91-1	0.1	0.1
Acetone	67-64-1	0.05	0.05
Benzene	71-43-2	0.06	0.06
Butylbenzene	104-51-8	12	12
Carbon tetrachloride	56-23-5	0.76	0.76
Chlorobenzene	108-90-7	1.1	1.1

TABLE G-2

SOIL MANAGEMENT OBJECTIVES

Former Sperry Remington Site - North Portion
Elmira, New York

Constiuent of Concern	CAS Number	Soil Cover System (1)	Beneath Soil Cover System (2)
Chloroform	67-66-3	0.37	0.37
Ethylbenzene	100-41-4	1	1
Hexachlorobenzene	118-74-1	0.33	1.2
Methyl ethyl ketone	78-93-3	0.12	0.12
Methyl tert-butyl ether	1634-04-4	0.93	0.93
Methylene chloride	75-09-2	0.05	0.05
n-Propylbenzene	103-65-1	3.9	3.9
sec-Butylbenzene	135-98-8	11	11
tert-Butylbenzene	98-06-6	5.9	5.9
Tetrachloroethene	127-18-4	1.3	1.3
Toluene	108-88-3	0.7	0.7
Trichloroethene	79-01-6	0.47	0.47
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6
1,3,5- Trimethylbenzene	108-67-8	8.4	8.4
Vinyl chloride	75-01-4	0.02	0.02
Xylene (mixed)	1330-20-7	0.26	1.6
PFAS			
Perfluorooctanesulfonic acid (PFOS)[3]	1763-23-1	0.001	0.001
Perfluorooctanoic acid (PFOA)[3]	335-67-1	0.001	0.001

Notes

1. DER-10 Appendix 5 Allowable Constituent Levels for Imported Fill or Soil - Unrestricted Use
2. DER-10 Appendix 5 Allowable Constituent Levels for Imported Fill or Soil - Restricted Residential Use
3. If PFOA or PFOS concentration exceed the SMO, the SMO may be achieved if the combined SPLP PFOA + PFOS < 70 parts per trillion (ppt).

PCBs polychlorinated biphenyls
PFAS per- and polyfluoroalkyl Substances
SPLP synthetic process leaching procedure
SVOCs volatile organic compounds
VOCs semi-volatile organic compounds
All values are in units of milligrams per kilogram (mg/kg).

TABLE G-3

DISPOSAL FACILITY SAMPLING REQUIREMENTS

Former Sperry Remington Site - North Portion
Elmira, New York

Analyis	Analytical Method	Analyte
TCLP Metals	SW-846 1311/SW-846 6010	Arsenic
		Barium
		Cadmium
		Chromium
		Lead
		Selenium
		Silver
	SW-846 1311/SW-846 7470	Mercury
TCLP VOCs	SW-846 1311/SW-846 8260	Benzene
		Carbon tetrachloride
		Chlorobenzene
		Chloroform
		1,1-Dichloroethene
		1,2-Dichloroethane
		Methyl ethyl ketone
		Tetrachloroethene
		Trichloroethene
		Vinyl chloride
TCLP SVOCs	SW-846 1311/SW-846 8270	1,4-Dichlorobenzene
		Hexachlorobenzene
		Hexachlorobutadiene
		Hexachloroethane
		Nitrobenzene
		Pyridine
		2,4-Dinitrotoluene
		m-Cresol
		o-Cresol
		p-Cresol
		Cresol (Total)
		Pentachlorophenol
		2,4,5-Trichlorophenol
		2,4,6-Trichlorophenol
TCLP Herbicides	SW-846 1311/SW-846 8151	2,4,5-TP Acid (Silvex)
		2,4-D
TCLP Pesticides	SW-846 1311/SW-846 8081	Chlordane
		Endrin
		Heptachlor
		Lindane
		Methoxychlor
		Toxaphene
PCBs	SW-846 8082	PCBs, Total
Corrosivity	SW-846 9045	pH
Ignitability	SW-846 1010	Flash Point

Notes

1. Collect one (1) composite sampler per 300 cubic yards.

PCBs polychlorinated biphenyls

VOCs semi-volatile organic compounds

SVOCs volatile organic compounds

TCLP Toxicity Characteristic Leaching Procedure

TABLE G-4
IMPORTED FILL SAMPLING REQUIREMENTS

Former Sperry Remington Site - North Portion
Elmira, New York

Sample	Analyis	Analytical Method	Analyte
Grab (Highest PID Reading)	VOCs	SW-846 8260	1,1,1-Trichloroethane
			1,1-Dichloroethane
			1,1-Dichloroethene
			1,2-Dichlorobenzene
			1,2-Dichloroethane
			cis-1,2-Dichloroethene
			trans-1,2-Dichloroethene
			1,3-Dichlorobenzene
			1,4-Dichlorobenzene
			1,4-Dioxane
			Acetone
			Benzene
			Butylbenzene
			Carbon tetrachloride
			Chlorobenzene
			Chloroform
			Ethylbenzene
			Hexachlorobenzene
			Methyl ethyl ketone
			Methyl tert-butyl ether
			Methylene chloride
			n-Propylbenzene
			sec-Butylbenzene
			tert-Butylbenzene
			Tetrachloroethene
			Toluene
			Trichloroethene
			1,2,4-Trimethylbenzene
			1,3,5- Trimethylbenzene
			Vinyl chloride
			Xylene (mixed)
Composite (3-5 locations)	PCBs	SW-846 8082	PCBs, Total
	Metals/Inorganics	SW-846 6010	Arsenic
			Barium
			Beryllium
			Cadmium
			Chromium, Total
			Copper
			Lead
			Manganese
			Nickel
			Selenium
			Silver
			Zinc
		SW-846 7471	Total Mercury
		SW-846 7196A	Chromium, hexavalent[1]
		SW-846 9010	Total Cyanide
	SVOCs	SW-846 8270	Acenaphthene
			Acenapthylene
			Anthracene
			Benz(a)anthracene
			Benzo(a)pyrene
			Benzo(b)fluoranthene
			Benzo(g,h,i)perylene
			Benzo(k)fluoranthene
			Chrysene
			Dibenz(a,h)anthracene
			Fluoranthene
			Fluorene
			Indeno(1,2,3-cd)pyrene
			m-Cresol
			Naphthalene
			o-Cresol
			p-Cresol
			Pentachlorophenol
			Phenanthrene
			Phenol
			Pyrene

TABLE G-4
IMPORTED FILL SAMPLING REQUIREMENTS

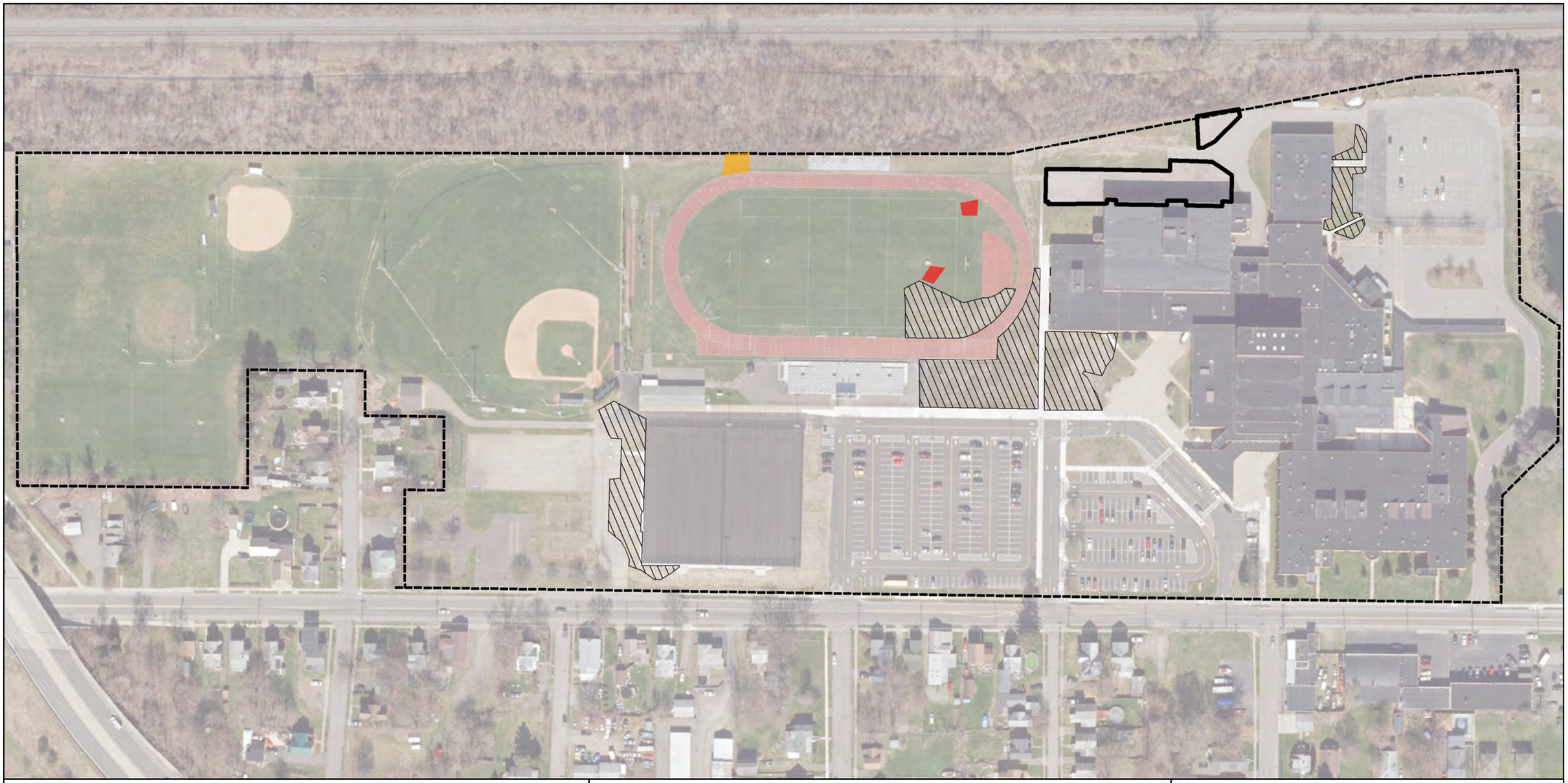
Former Sperry Remington Site - North Portion
Elmira, New York

Sample	Analyis	Analytical Method	Analyte
Composite (3-5 locations)	Herbicides	SW-846 8151	2,4,5-TP Acid (Silvex)
	Pesticides	SW-846 8081	4,4'-DDE
			4,4'-DDT
			4,4'- DDD
			Aldrin
			alpha-BHC
			beta-BHC
			Chlordane (alpha)
			delta-BHC
			Dibenzofuran
			Dieldrin
			Endosulfan I
			Endosulfan II
			Endosulfan sulfate
			Endrin
			Heptachlor
			Lindane
Composite (3-5 locations)	PFAS	EPA Method 537 (modified)	6:2-Fluorotelomersulfonic acid
			8:2-Fluorotelomersulfonic acid
			NEtFOSAA
			NMeFOSAA
			Perfluorobutanesulfonic acid
			Perfluorobutanoic acid
			Perfluorodecanesulfonic acid
			Perfluorodecanoic acid
			Perfluorododecanoic acid
			Perfluoroheptanesulfonic acid
			Perfluoroheptanoic acid
			Perfluorohexanesulfonic acid
			Perfluorohexanoic acid
			Perfluorononanoic acid
			Perfluorooctanesulfonamide
			Perfluorooctanesulfonic acid
			Perfluorooctanoic acid
			Perfluoropentanoic acid
			Perfluorotetradecanoic acid
			Perfluorotridecanoic acid
			Perfluoroundecanoic acid

Notes

1. If there is no analysis for hexavalent chromium, the SMO for hexavalent chromium will be used for the total chromium result.

PCBs polychlorinated biphenyls
VOCs volatile organic compounds
SVOCs semi-volatile organic compounds
SMO Soil Management Objective (see Table G-2)
PFAS Per- and Polyfluoroalkyl Substances



Legend

Soil Management Areas

- NYSDEC-Approved RR Cover Soil
- PID Reading Exceeds 30 ppm
- Odor Detected
- School Property
- Areas with Temporary Cover

Notes

Soil Management Areas based on as-built surveys and data validated on or before August 2019. Soils in areas outside of areas with NYSDEC-approved fill will require characterization in accordance with the Excavation Work Plan (EWP).

ft bgs - Feet below ground surface
PID - Photoionization detector
ppm - parts per million
RR - Restricted Residential SCO

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 06 December 2019.

150 75 0 150 Feet

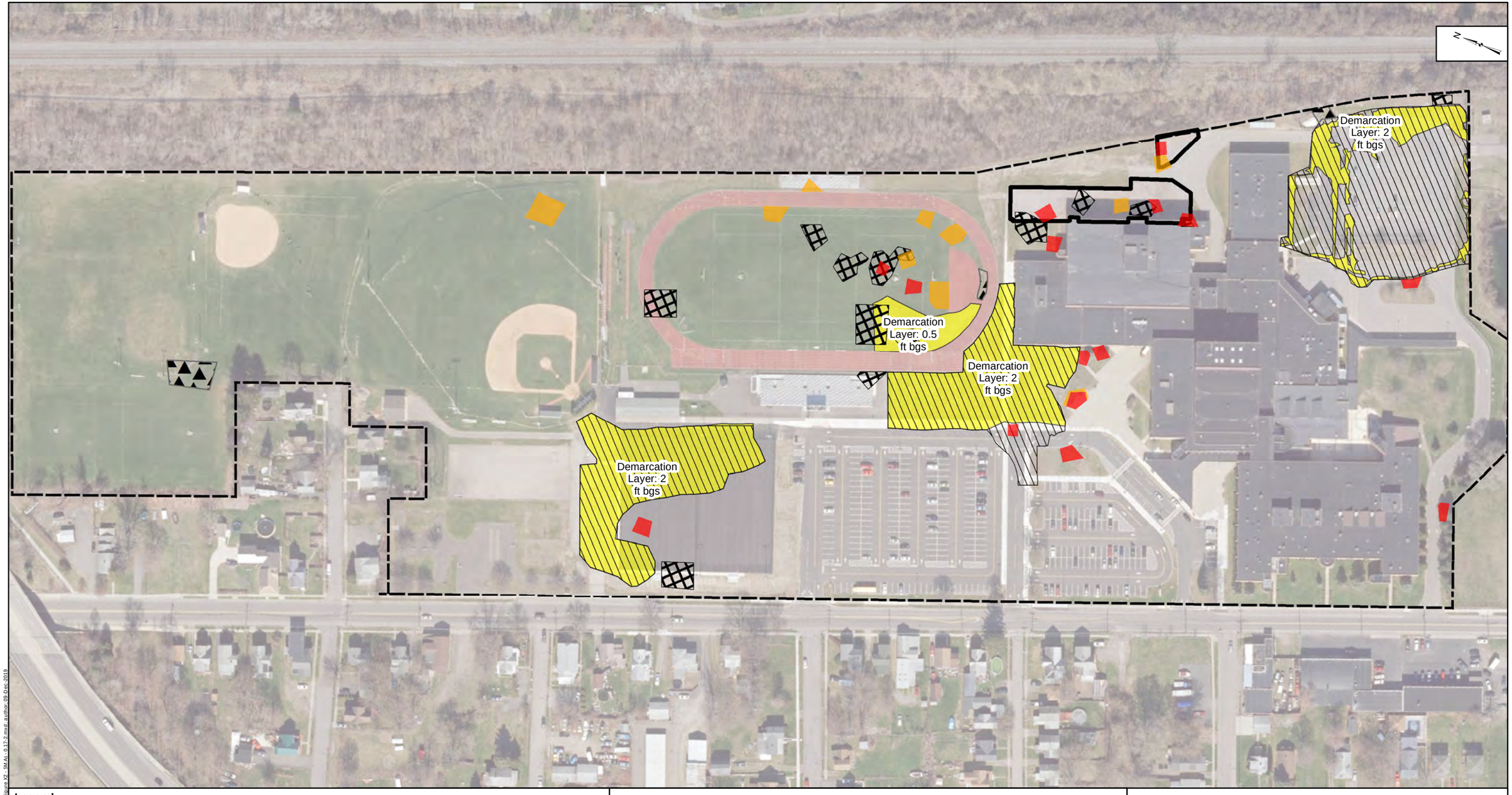
Soil Management Areas (0-0.17 ft bgs)

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

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

Columbia, Maryland | August 2019

Figure
G-1



Legend

Soil Management Areas

- NYSDEC-Approved RR Cover Soil
- Metals 20x TCLP Exceedance or Lead >1,000 mg/kg
- Known Impacts - Residual Contamination
- PID Reading Exceeded 30 ppm
- Odor Detected
- School Property
- Areas with Temporary C
- Demarcation Layer Underlying NYSDEC-Approved RR Cover So

Notes

Soil Management Areas based on as-built surveys and data validated on or before August 2019. Soils in areas outside of areas with NYSDEC-approved fill will require characterization in accordance with the Excavation Work Plan (EWP).

ft bgs - Feet below ground surface
PID - Photoionization detector
TCLP - Toxicity Characteristic Leaching Procedure
Residual Contamination includes total PCB concentration > 50 mg/kg or total PAH concentration > 100 mg/kg

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 09 December 2019.

150 75 0 150 Feet

Soil Management Areas (0.17-2 ft bgs)

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

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

Columbia, Maryland | August 2019

Figure
G-2

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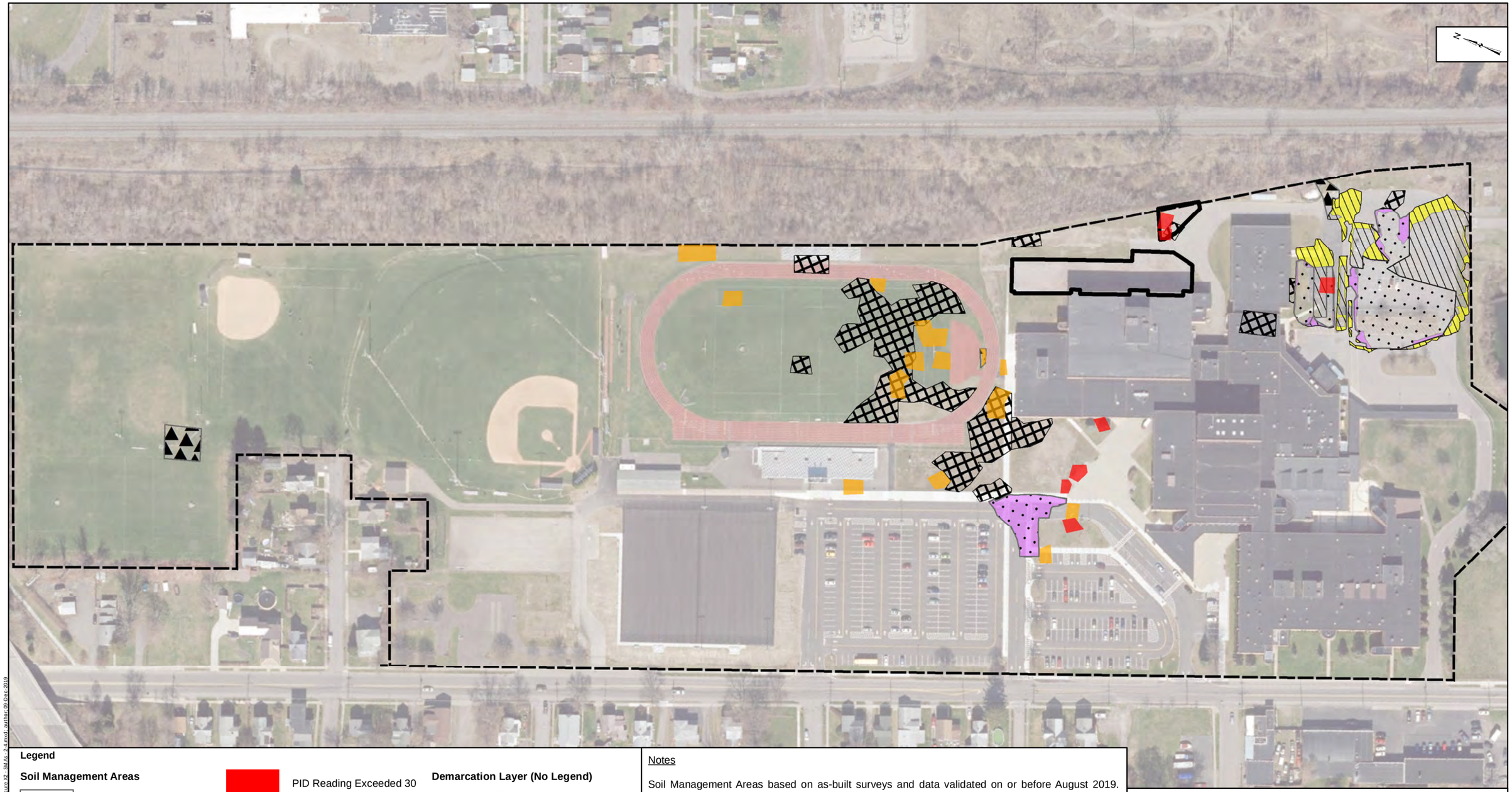

Legend

Soil Management Areas

- NYSDEC Approved Reuse Backfill - Remaining Contamination
- NYSDEC-Approved RR Cover Soil
- Metals 20x TCLP Exceedance or Lead >1,000 mg/kg
- Known Impacts - Residual Contamination
- PID Reading Exceeded 30 ppm
- Odor Detected
- School Property
- Temporary Cover

Demarcation Layer (No Legend)

- Demarcation Layer Underlying NYSDEC-Approved RR Cover Soil
- Demarcation Layer Underlying NYSDEC-Approved Reuse Backfill

Notes

Soil Management Areas based on as-built surveys and data validated on or before August 2019. Soils in areas outside of areas with NYSDEC-approved fill will require characterization in accordance with the Excavation Work Plan (EWP).

Soil approved for reuse by NYSDEC below the soil cover may contain concentrations of PCBs, PAHs, and metals above Restricted Residential SCOs.

ft bgs - Feet below ground surface
PID - Photoionization detector
TCLP - Toxicity Characteristic Leaching Procedure
Residual Contamination includes total PCB concentration > 50 mg/kg or total PAH concentration > 100 mg/kg

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 09 December 2019.

150 75 0 150 Feet

Soil Management Areas (2-4 ft bgs)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | August 2019

Figure **G-3**

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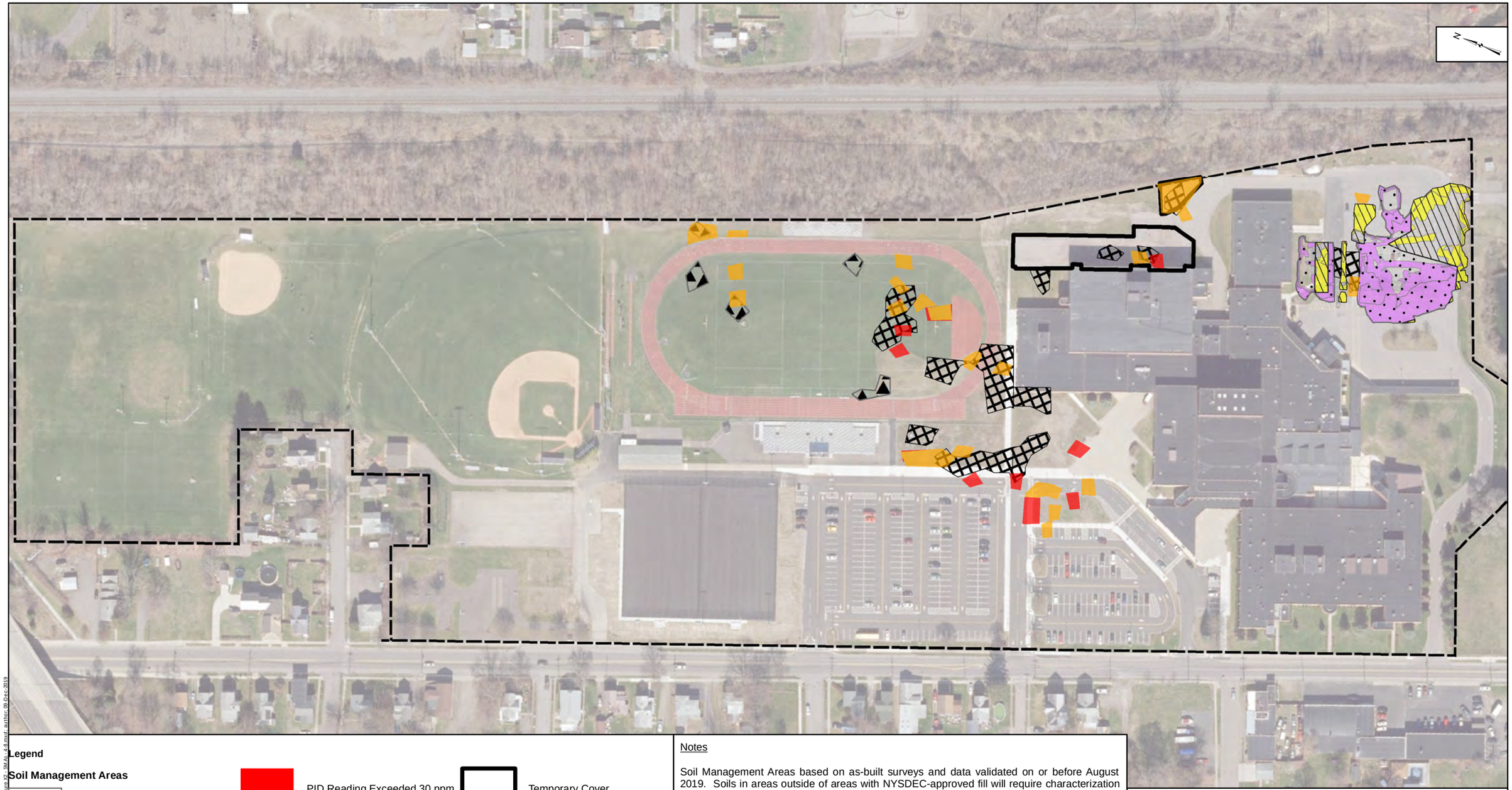

Legend

Soil Management Areas

- NYSDEC Approved Reuse Backfill - Remaining Contamination
- NYSDEC-Approved RR Cover Soil
- Metals 20x TCLP Exceedance or Lead >1,000 mg/kg
- Known Impacts - Residual Contamination
- PID Reading Exceeded 30 ppm
- Odor Detected
- School Property
- Temporary Cover

Demarcation Layer

- Demarcation Layer Underlying NYSDEC-Approved RR Cover Soil
- Demarcation Layer Underlying NYSDEC-Approved Reuse Backfill

Notes

Soil Management Areas based on as-built surveys and data validated on or before August 2019. Soils in areas outside of areas with NYSDEC-approved fill will require characterization in accordance with the Excavation Work Plan (EWP).

Soil approved for reuse by NYSDEC below the soil cover may contain concentrations of PCBs, PAHs, and metals above Restricted Residential SCOs.

ft bgs - Feet below ground surface
PID - Photoionization detector
TCLP - Toxicity Characteristic Leaching Procedure
Residual Contamination includes total PCB concentration > 50 mg/kg or total PAH concentration > 100 mg/kg

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 09 December 2019.

150 75 0 150 Feet

Soil Management Areas (4-8 ft bgs)

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

Beech and Bonaparte engineering p.c.
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Columbia, Maryland | August 2019

Figure
G-4

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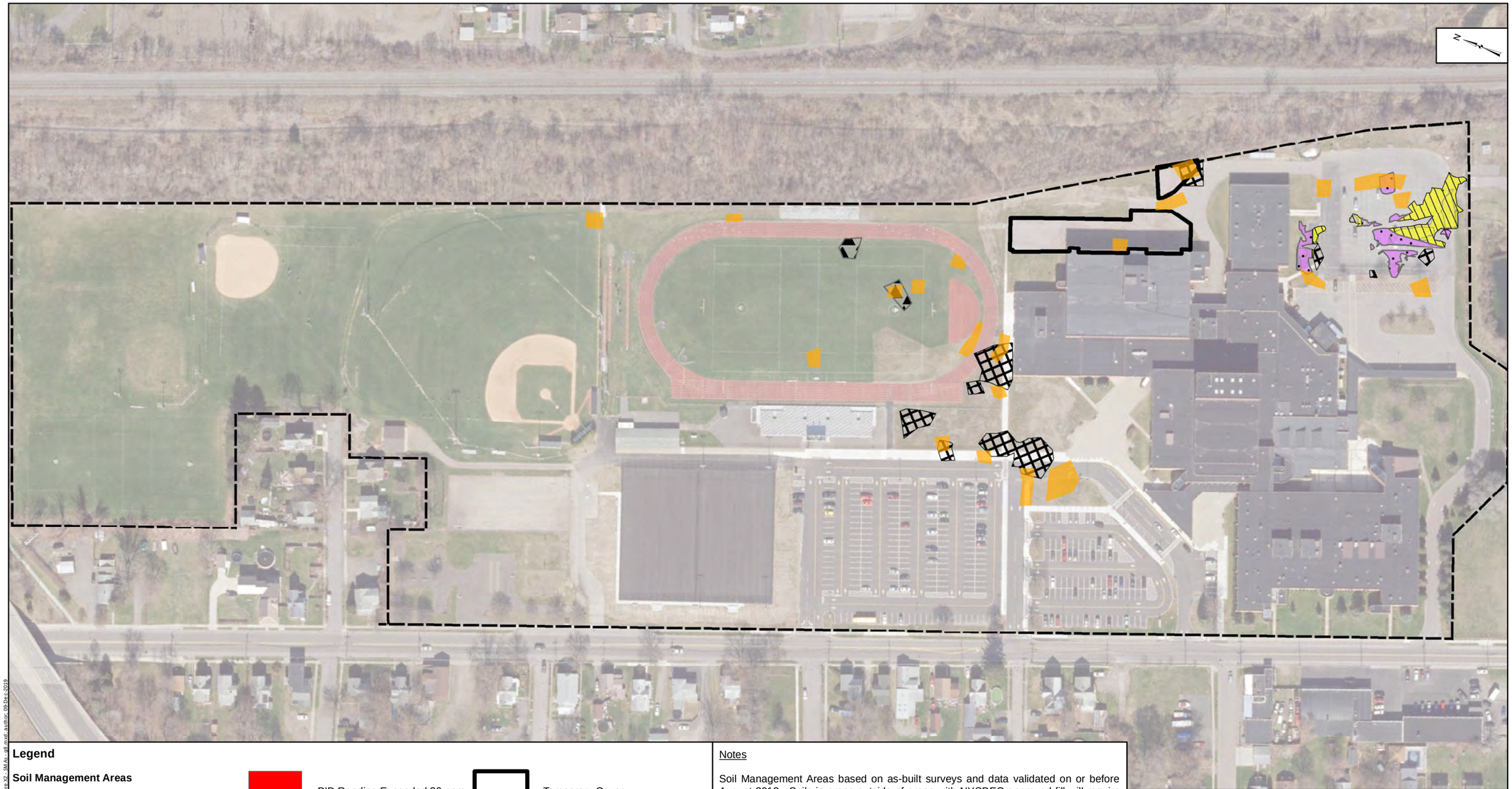

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Soil Management Areas

- NYSDEC Approved Reuse Backfill - Remaining Contamination
- NYSDEC-Approved RR Cover Soil
- Metals 20x TCLP Exceedance or Lead >1,000 mg/kg
- Known Impacts - Residual Contamination
- PID Reading Exceeded 30 ppm
- Odor detected
- School Property
- Temporary Cover
- Demarcation Layer Underlying NYSDEC-Approved RR Cover Soil
- Demarcation Layer Underlying NYSDEC-Approved Reuse Backfill

Notes

Soil Management Areas based on as-built surveys and data validated on or before August 2019. Soils in areas outside of areas with NYSDEC-approved fill will require characterization in accordance with the Excavation Work Plan (EWP).

Soil approved for reuse by NYSDEC below the soil cover may contain concentrations of PCBs, PAHs, and metals above Restricted Residential SCOs.

ft bgs - Feet below ground surface
PID - Photoionization detector
TCLP - Toxicity Characteristic Leaching Procedure
Residual Contamination includes total PCB concentration > 50 mg/kg or total PAH concentration > 100 mg/kg

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 09 December 2019.

150 75 0 150 Feet

Soil Management Areas (>8 ft bgs)

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

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

Columbia, Maryland | August 2019

Figure **G-5**

P:\GIS\Elmira - MN0832\Maps\NYDEC AOCs\SiteCharDataReport\Fig1\Figure X2 - SMAs - q8.mxd; author; 09-Dec-2019

START

PRIOR TO EXCAVATION, REVIEW SOIL MANAGEMENT MAPS TO DETERMINE SOIL MANAGEMENT REQUIREMENTS FOR PROPOSED EXCAVATION INCLUDING USE RESTRICTIONS AND DISPOSAL REQUIREMENTS

ARE GROSSLY CONTAMINATED SOIL OR OTHER MEDIA ENCOUNTERED DURING EXCAVATION?

NO

YES

NOTIFY NYSDEC AND NYSOH IMMEDIATELY

QEP SCREENS SOILS FOR POTENTIAL CONTAMINATION

DO CONCENTRATIONS REPRESENT AN UNIDENTIFIED SOURCE?

YES

NO

SOIL MAY BE USED AS BACKFILL BENEATH APPROVED COVER SYSTEM WITH NYSDEC APPROVAL

END

IS EXCAVATED SOIL FROM ABOVE A DEMARCATION LAYER IN REMEDIATED AREAS?

YES

NO

IS EXCAVATED SOIL CONSIDERED POTENTIALLY CONTAMINATED? SEE SECTION G-3 OF EWP

YES

NO

SOIL MAY BE USED BENEATH APPROVED COVER SYSTEM WITH NO ANALYTICAL CHARACTERIZATION

END

COLLECT CONFIRMATION SAMPLES FROM EXCAVATION SEE SECTION G-9 OF EWP.

IS EXCAVATED SOIL BEING CONSIDERED FOR REUSE ON-SITE?

NO

YES

COLLECT ONE COMPOSITE SAMPLE FROM 5 LOCATIONS AND 2 GRAB SAMPLES FROM LOCATIONS WITH HIGHEST PID READINGS FOR EVERY 100 CY OF SOIL FROM STOCKPILE. ANALYZE COMPOSITE SAMPLE FOR SOIL MANAGEMENT OBJECTIVE PARAMETERS (SEE TABLE G-4). ANALYZE GRAB SAMPLES FOR VOCS.

ANALYZE SOIL FOR PERMITTED DISPOSAL FACILITY PARAMETERS (SEE TABLE G-3)

DO RESULTS MEET REQUIREMENTS FOR NON-HAZARDOUS WASTE DISPOSAL?

NO

YES

TRANSPORT SOIL TO PERMITTED NON-HAZARDOUS WASTE DISPOSAL FACILITY

END

TRANSPORT SOIL TO PERMITTED HAZARDOUS WASTE DISPOSAL FACILITY

END

IS EXCAVATED SOIL BEING CONSIDERED FOR USE WITHIN SOIL COVER SYSTEM?

YES

NO

ARE EXCAVATED SOILS BEING CONSIDERED FOR USE BENEATH SOIL COVER SYSTEM?

YES

NO

ARE SOIL MANAGEMENT OBJECTVES FOR COVER SYSTEM EXCEEDED (SEE TABLE G-2)?

YES

NO

SOIL MAY BE USED AS SOIL COVER OR BENEATH APPROVED COVER SYSTEM

ARE SOIL MANAGEMENT OBJECTVES FOR BELOW COVER SYSTEM EXCEEDED (SEE TABLE G-2)?

YES

NO

SOIL MAY BE USED BENEATH APPROVED COVER SYSTEM

END

NOTES

APPROVED COVER SYSTEM:

1) 2 FT. LAYYER OF SOIL THAT DOES NOT EXCEED SOIL MANAGEMENT OBJECTIVES
2) 6 IN ASPHALT + CLEAN SUB-BASE MATERIAL LAYER
3) 6 IN CONCRETE + CLEAN SUB-BASE LAYER

SOURCE LEVEL OF CONTAMINATION: CONCENTRATION OF A CONTAMINANT IN A MEDIUM THAT IS SUFFICIENT TO MIGRATE IN THE MEDIUM OOR TO RELEASE SIGNIFICANT LEVELS OF THE CONTAMINANT TO ANOTHER MEDIUM, WHICH COULD RESULT IN A POTENTIAL EXPOSURE TO PUBLIC HEALTH OR THE ENVIRONMENT.

SOIL WITH KNOWN CONTAMINATION OR CONSIDERED POTENTIALLY CONTAMINATED MAY NOT BE USED WITHIN THE SOIL COVER SYSTEM .

EWP: EXCAVATION WORK PLAN VOC: VOLATILE ORGANIC COMPOUND PID: PHOTOIONIZATION DETECTOR

CHARACTERIZATION FLOW CHART FOR EXCAVATED SOILS
FORMER SPERY REMINGTON SITE – NORTH PORTION
ELMIRA, NEW YORK

Beech and Bonaparte engineering p.c.

an affiliate of Geosyntec Consultants

COLUMBIA, MARYLAND | DECEMBER 2019

FIGURE G-6

MN08327/Figure G-1.pptx

APPENDIX H – HEALTH AND SAFETY PLAN

Geosyntec consultants

engineers | scientists | innovators

Beech and Bonaparte engineering p.c.

an affiliate of Geosyntec Consultants

HEALTH AND SAFETY PLAN

FORMER SPERRY REMINGTON SITE - NORTH PORTION
ELMIRA HIGH SCHOOL
CITY OF ELMIRA, CHEMUNG COUNTY, NY
NYSDEC PROJECT 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 MN0832F
Document Number MD18120

April 2019

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EHS Incident Response Procedures

CHOOSE THE RIGHT PATH

For more Information:
All work-related injuries, illnesses, and near-miss situations, to include vehicle accidents and general liability claims, must be documented and reported to the Environmental, Health & Safety (EHS) Team.

Dale Prokopchak
804-349-8067

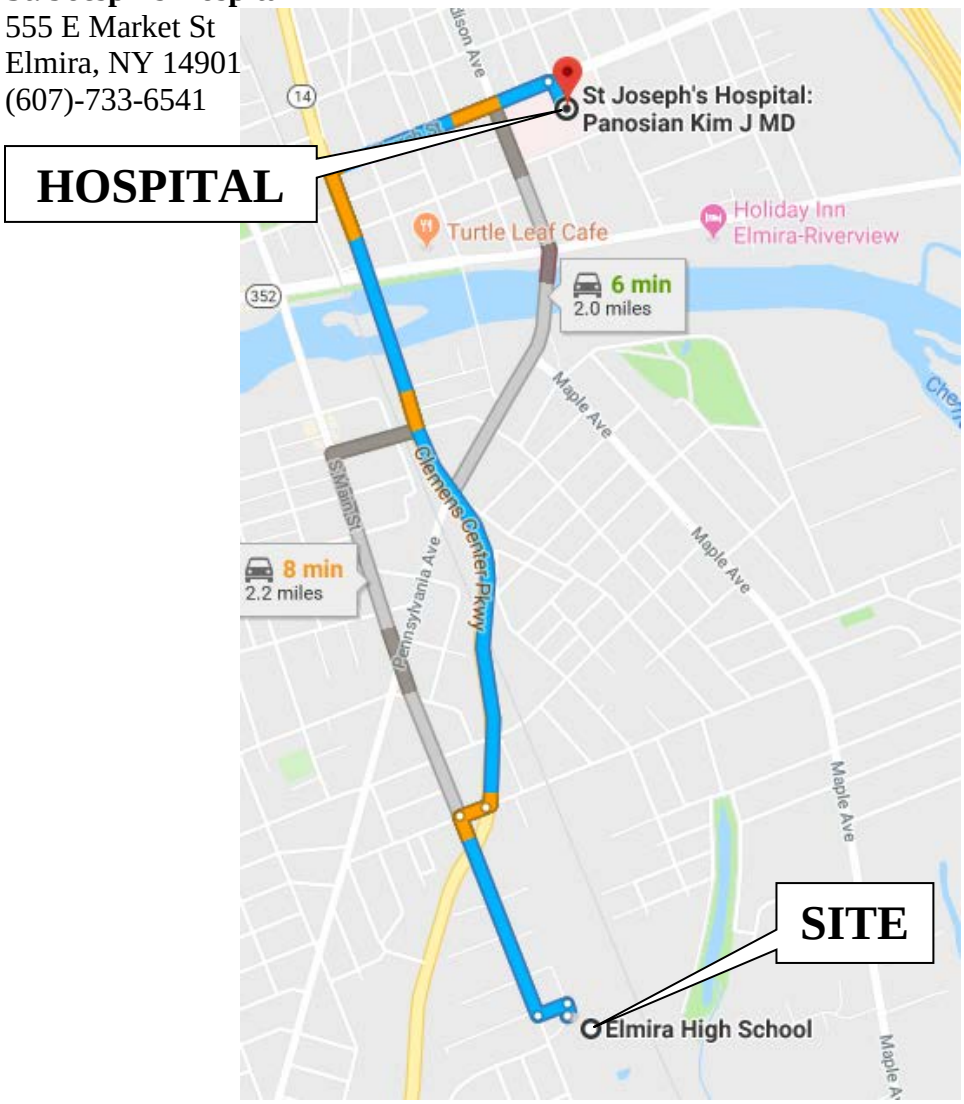
Ersin Yalcin
404-435-4722

Visit the EHS Team on the intranet:
http://home.geosyntec.com/Corp/EHS/

Geosyntec consultants

ROUTE TO HOSPITAL

St. Joesph's Hospital
555 E Market St
Elmira, NY 14901
(607)-733-6541



Written Directions to Hospital from Site:

1. Depart S Main St toward W Miller St.
2. Turn right onto S Main St (250 ft)
3. Turn left onto Clemens Center Pkwy (1.2 mi)
4. Turn right onto E Church St (0.4 mi)
5. Arrive at **St. Joseph's Hospital**

ROUTE TO URGENT CARE FACILITY

URGENT CARE FACILITY NAME

Elmira Urgent Care
607-732-1100
360 West Water St.
Elmira, New York

Written Directions to Urgent Care Facility from Site:

1. Depart S Main St toward Soper St (0.4 miles)
2. Turn right onto West Miller St. and then immediately turn left onto RT-14/Clemens Center Pkwy (1.0 miles)
3. Turn left onto Route -352E/E Water St. (0.4 miles)
4. Arrive at 360 W. Water St., Elmira, NY (Elmira Urgent Care)

SITE MAP

Work Area
Main Exit
S Main St
Sutton St
Birch St
Allen St
Morrow St

1. INTRODUCTION

This Health and Safety Plan (HASP) was prepared for the Former Sperry Remington Site – North Portion, Site #c808022 (Site) to address project-specific hazards known or suspected to be present associated with the existing conditions and work to be performed during the Site-wide remedial investigation activities. This HASP was prepared to meet the requirements specified in Occupational Safety and Health (OSHA) Hazardous Waste Operations Emergency and Response (HAZWOPER) program, Geosyntec's Health and Safety (H&S) Procedure HS 301, and the H&S requirements of the client.

2. SIGNATURES

2.1 Preparers and Reviewers

This HASP must be maintained on site when field work is being performed. The Site Health and Safety Officer (SHSO) can change or amend this document, in agreement with the Health and Safety Coordinator (HSC) or Project Manager. Amendments (e.g., changes in personal protective equipment, addition of tasks, etc.) must be documented in Section 19 and in Appendix A. This HASP must be reviewed and amended on an annual basis for projects lasting more than one year.

Prepared by:	Matt Schallinger		9/7/2018
	SHSO		Date
Reviewed by:	Michael Hansen		9/7/2018
	HSC		Date
Approved by:	Aron Krasnopoler		9/7/2018
	Project Manager		Date

This HASP has been given to the following H&S approved subcontractor(s).

Subcontractor: _____ Representative: _____ Date: _____

Subcontractor: _____ Representative: _____ Date: _____

Subcontractor: _____ Representative: _____ Date: _____

2.2 Geosyntec and Geosyntec Subcontractors or Employees

This HASP must be reviewed by personnel prior to site work. Workers not in attendance at the initial meeting must be trained by the SHSO on the information covered in the pre-entry briefing. After reading the HASP and attending a pre-entry briefing, Geosyntec employees and other parties covered under this HASP must sign the following acknowledgment statement.

"I have read, understand, and will perform my work in accordance with the information set forth in this HASP."

Signature	Printed Name	Date

3. EMERGENCY CONTACT INFORMATION

Contact	*Telephone Numbers*	
	Office	*Alternate (Type)*
Fire Department	911	
Police Department	911	
Site Emergency Response (if applicable)	Not Applicable	
Hospital - Arnot Ogden Medical Center	911	(607) 737-4100
Director of H&S– *Dale Prokopchak*	(804) 332-6376	(804) 349-8067 (Cell)
H&S Regional Manager – *Mark Malchik*	(978) 206-5777	(781) 392-5440 (Cell)
Project Manager – *Aron Krasnopoler*	(410) 910-7612	(202) 550-7724 (Cell)
Site Health & Safety Officer – *Matt Schallinger*	(410) 910-7705	(651) 356-5799 (Cell)
H&S Coordinator – *Michael Hansen*	(410) 910-7640	(443) 812-1430 (Cell)
Principal- or Associate-in-Charge - *Paul Brookner*	(612) 253-8203	(612) 599-7473 (Cell)
Utility Emergencies	811	
Work Care	(888) 449-7877	(714) 978-7488
Facility Contact – *Mike Dunn (Elmira City Schools)*	(607) 735-3984	
Client Contact – *Kevin Krueger (Unisys Corporation)*	(651) 687-2210	
Subcontractor -		
Subcontractor -		

Other -		

4. APPLICABILITY OF THIS HASP

This HASP was prepared in accordance with Geosyntec Consultants' H&S Procedures for use by Geosyntec project staff and subcontractors. Subcontractors, at a minimum, shall ensure that their employees, and those of its lower tier subcontractors, comply with these procedures and other health, safety and security provisions in the Subcontract. Compliance with this HASP shall represent the minimum requirements to be met by subcontractors, who shall be responsible for examining all requirements and determining whether additional or more stringent health, safety and security provisions are appropriate for their portion of the work and implementing them accordingly. Therefore, for firms executing all or any portion of the work, this document and its contents should not be used without a thorough peer review by their health and safety managers. Prior to commencing work, such firms are responsible for reviewing and supplementing the HASP to add appropriate procedures specific to their portion of the work.

5. SITE/TASK/HAZARD DESCRIPTION

5.1 Site Background

The following is a brief description of the site, including information as to the location, approximate size, previous usage, and current usage. A description of the tasks to be performed is also presented.

- Site Location: Former Sperry Remington Site North Portion
- Approximate Size of Site: 25 acres
- Previous Site Usage: Manufacturing – engines, drill tools, typewriters
- Current Site Usage: High School
- Description of Surrounding Property/Population:

North	Residential/Commercial	East	Rail Road Tracks; Residential/Commercial

South	Residential/Commercial	West	Residential/Commercial

- Summary of previous site investigations (if available/applicable):

Several phases of soil and groundwater investigation have been completed in the vicinity of the Site. Based on the current conceptual site model presented in the Site Characterization Work Plan, contaminants of potential concern (COPCs) in soil include metals, polychlorinated biphenyls (PCBs), semi volatile organic compounds (SVOCs) which mostly consist of polycyclic aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). COPCs in groundwater include lead, PCBs, SVOCs/PAHs, and VOCs.

5.2 Task Descriptions

Tasks for project include:

Task 1:	Confirmation and Stockpile Sampling
Task 2:	Construction Oversight
Task 3:	Site Inspection

Task Hazard Analyses (THAs) describing the tasks and potential hazards for each are presented in Appendix B.

5.3 Chemical Hazards

The classes of chemicals that are known or suspected to be present that may be encountered while performing site work include the following:

- Benzene, toluene, ethylbenzene, xylenes (BTEX)
- Chlorinated volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Metals
- Total petroleum hydrocarbon (TPH)
- Polycyclic aromatic hydrocarbons (PAHs)
- Polychlorinated biphenyls (PCBs)
- Hazardous metals
- Asbestos

Controls for these hazards are presented in the THAs included in Appendix B. A summary of these chemical hazards is presented in Appendix C.

5.4 Physical Hazards

The following physical hazards have been identified associated with the work to be performed and the site conditions.

- Cold Stress
- Drilling (including Indoor)
- Drum and Container Handling
- Dust and particulates
- Eye Injury
- Hand/Foot Injury
- Heat Stress
- Heavy Equipment
- Knives / Blades
- Lifting Heavy Loads
- Loud Noise/Vibration
- Portable Power/Hand Tool
- Slips, Trips, and Falls
- Thoroughfares / Traffic
- Urban Environments
- Utility Protection

Controls for these hazards are presented in the THAs included in Appendix B.

5.5 Biological Hazards

The following biological hazards have been identified associated with the work to be performed and the site conditions.

- Allergic reaction to poisonous plants
- Biting/stinging insects
- Lyme disease
- Rats / vermin
- Snakes

Controls for these hazards are presented in the THAs included in Appendix B.

6. GENERAL SAFE WORK PRACTICES

The following general safe work practices must be adhered to while performing site work:

- Basic PPE shall be worn, including hard hats, safety glasses, hard-toed boots, and high-visibility vests. If conditions allow, the requirement for hard hats and hard-toed boots may be reduced with approval of the SHSO and Project Manager.
- Minimize contact with impacted materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before personal decontamination is not allowed. Employees who are suspected of being under the influence of illegal drugs or alcohol will be removed from the site. Workers taking prescribed medication that may cause drowsiness shall not operate heavy equipment and are prohibited from performing tasks where Level C or B personal protective equipment is required.
- Practice good housekeeping.
- Use of contact lenses is not allowed under certain hazardous working conditions.
- The following conditions must be observed when operating a motor vehicle:
    - Wearing of seat belts is mandatory
    - The use of headlights is mandatory during periods of rain, fog, or other adverse weather or low-light conditions
    - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion
    - Posted traffic signs and directions from flagmen must be observed

  - Equipment and/or samples transported in vehicles must be secured from movement
  - The use of vehicles acquired by Geosyntec by non-Geosyntec personnel is prohibited
- In an unknown situation, always assume the worst reasonable conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions. These must be addressed and resolved rapidly by the SHSO and PM to relieve motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol are not allowed. Workers unwilling or unable to comply with established procedures will be asked to leave the work site.

7. EMERGENCY RESPONSE

This section discusses emergency response procedures and response equipment to be maintained on site. A table presenting a list of contacts and telephone numbers for the applicable local and off-site emergency responders is provided inside the front cover of this HASP (after figures).

7.1 Injury and Emergency Response Procedures

In the event of an **injury** to an employee, the instructions for injury response and reporting, located in the front of this HASP, must be implemented immediately. In the event that an **emergency** develops, the following procedures are to be implemented:

- The Site Health and Safety Officer (SHSO), or designated alternate, should be immediately notified via the on-site communication system. The SHSO assumes control of the emergency response.
- If applicable, the SHSO must immediately notify off-site emergency responders (e.g., fire department, hospital, police department, etc.) and must inform the response team of the nature and location of the emergency on site.
- If applicable, the SHSO may call for evacuation of the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map.
- For small fires, flames should be extinguished using the appropriate type of fire extinguisher. Large fires should be handled by the local fire department.
- If a worker is injured, the procedures presented in “Instructions for Injury Response”, located in the front of this HASP, must be implemented immediately.
- After an incident has stabilized, the procedures presented in “Instructions for Incident Reporting”, located in the front of this HASP, must be followed.

7.2 Emergency Response Equipment

Emergency response equipment will be maintained in the work area as necessary for this project. Examples of emergency response equipment include first aid kits, and fire extinguishers (Type ABC).

8. KEY PERSONNEL AND HEALTH AND SAFETY RESPONSIBILITIES

Project personnel and their responsibilities in regard to health and safety concerns on this project are as follows:

Project Manager (PM): Aron Krasnopoler

- Approve this HASP and amendments, if any;
- Monitor the field logbooks for health and safety work practices employed;
- Coordinate with SHSO so that emergency response procedures are implemented;
- Check that corrective actions are implemented;
- Check and document that qualified personnel receive this plan and are aware of its provisions and potential hazards associated with site operations, and that they are instructed in safe work practices and familiar with emergency response procedures; and
- Provide for appropriate monitoring, personal protective equipment, and decontamination materials.

Site Health and Safety Officer (SHSO): Matt Schallinger

- Prepare and implement project HASP and amendments, if any, and report to the Project Manager for action if deviations from the anticipated conditions exist and authorize the cessation of work if necessary;
- Check that site personnel meet the training and medical requirements;
- Conduct pre-entry briefing and daily tailgate safety meetings;
- Check that monitoring equipment and personal protective equipment are operating correctly according to manufacturer's instructions and such equipment is utilized by on-site personnel. Calibrate or check calibration of monitoring equipment and record results;
- Check that decontamination procedures are being implemented;
- Implement site emergency response and follow-up procedures;
- Notify the HSC in the event an emergency occurs; and
- Perform and document weekly inspections, if necessary.

Health and Safety Coordinator: Michael Hansen

- Review and audit HASP and amendments;
- Notify Director of Health & Safety when an emergency occurs;
- Assist with the implementation of the corporate health and safety program; and
- Consult with staff on health and safety issues.

Site Workers

- Provide verification of required health and safety training and medical surveillance prior to arriving at the site;
- Notify supervisors of workplace accomodation requirements as the result of physical limitations or medical conditions;
- Attend pre-entry briefings and daily tailgate safety meetings;
- Immediately report accidents and/or unsafe conditions to the SHSO;
- Be familiar with and abide by the HASP; and
- Be ultimately responsible for his or her own safety.

9. WORKER TRAINING AND MEDICAL SURVEILLANCE

Personnel involved in field activities subject to OSHA HAZWOPER 29 CFR 1910.120 will be required to participate in both a health and safety training program that complies with criteria primarily set forth by the OSHA HAZWOPER in 29 CFR 1910.120(e) and a medical surveillance program covered under 29 CFR 1910.120(f), or equivalent regulations based on the jurisdiction in which the project is performed.

9.1 Pre-Assignment and Annual Refresher Training

Prior to arrival on site, the Geosyntec Project Manager will be responsible for monitoring that their staff meet the requirements of pre-assignment training (40/24 hours per Procedure HS 301). In addition, personnel must be able to document dates of attendance at an annual 8-hour refresher and three days of fieldwork under a qualified supervisor. Failure to provide this documentation will prohibit entry to the active work area(s) (i.e., Exclusion Zone).

9.2 Site Supervisor Training

Consistent with OSHA 29 CFR 1910.120 (e)(4), prior to arrival on site, individuals designated as site supervisors require an additional eight hours of specialized training.

9.3 Initial Site Safety Orientation and HASP Review

In addition to complying with 29 CFR 1910(e), site personnel will attend an initial safety orientation during which the HASP and applicable THAs will be reviewed prior to initiating field activities. This review will include the following:

- Understanding the lines of authority regarding health and safety and site personnel roles and responsibilities;
- Information of specific hazard agents related to the site and site operations will be discussed, such as health hazards of site chemicals and specific safety hazards of processes, tools, and equipment;
- Training in the proper use, maintenance, and decon protocol of PPE and Level(s) of Protection;
- Appropriate work practices and engineering controls to reduce/eliminate exposures to site hazards will be reviewed;
- Personnel will be informed of means for normal site and emergency communication(s);
- Air monitoring strategies will be discussed to include the frequency/types, action levels, sampling techniques, pre/post calibration techniques;
- Unique/site specific medical surveillance requirements that need to be considered based on site contaminants;
- Understanding site control measures, work zones, and proper decontamination procedures for personnel/tools/vehicles, etc. to reduce the potential for both on/off site contamination;
- Personnel will be trained to respond quickly and properly in the event of an emergency; and
- Personnel involved in specific hazardous activities, such as confined space entry, drum handling, sampling unknowns, etc. will receive specialized training in the appropriate techniques to employ prior to commencing these operations.

9.4 Baseline Medical Surveillance Exam

The baseline medical examination is used to identify physical capabilities and certain medical limitations that may have an impact on the candidate's ability to perform in the position and/or job activity for which he/she is being considered, as well as to establish certain baseline medical parameters. The initial test results can then be compared against future periodic or project-specific monitoring results.

9.5 Periodic/Annual/Biennial Medical Exam

The periodic medical examination is used to evaluate an employee's continued fitness for duty and to assess possible impact(s) occupational exposures may have had on their health status. The

periodic examination includes an update to the medical and work history, results of previous occupational exposure assessments, and a detailed medical exam tailored to the job description.

The Medical Director from WorkCare determines the frequency of the periodic medical exams based on regulatory requirements, the position/work activities of the employee, and the level of exposure to physical, chemical, and biological agents.

9.6 Exposure/Activity/Project-Specific Medical Testing

None planned.

9.7 Exit Exam

An exit medical examination is offered when an employee leaves the medical surveillance program, either because of termination of employment with Geosyntec or because of reassignment to a position not designated or identified to participate in the medical surveillance program. This optional exit examination may be used to assess potential changes in medical status that have occurred during the course of employees' previous work activities, and to establish a medical baseline at the time of departure.

9.8 Exit/Termination

An exit medical examination is offered when an employee leaves the medical surveillance program, either because of termination of employment with Geosyntec or because of reassignment to a position not designated or identified to participate in the medical surveillance program. This optional exit examination assesses potential adverse impacts occupational exposures may have contributed to the employee's health status.

10. MAPS AND SITE CONTROL

10.1 Routes to Hospital and Urgent Care Facility

A hospital and an urgent care facility near the site have been identified. Maps to the hospital and urgent care are included after the Table of Contents of this HASP. Both figures also include the facility name and phone number.

10.2 Site Map

A site map is located inside the cover of this HASP. The site map is intended to show the location of the work zone(s), to provide on-site orientation, and to delineate evacuation routes. Changes may be made to the site map by the SHSO based on changing site conditions. The site map should be accessible in the work area.

10.3 Buddy System

The buddy system is required when work is performed in hazardous areas. The buddy system includes maintaining regular contact with one or more onsite Geosyntec personnel, clients, and/or contractors to periodically check on the condition of site workers such that each employee in the work group is observed by (or in verbal contact with) at least one other employee in the work group. For field visits with only one employee onsite, the buddy system shall be implemented via periodic telephone contact with offsite Geosyntec personnel.The purpose of the buddy system is to provide rapid assistance to employees in the event of an emergency.

10.4 Controlled Work Zones

APPLIES TO TASK: ☒① ☐② ☐③ ☐④ ☐⑤ ☐⑥ ☐⑦ ☐⑧ ☐ Not Applicable

Three controlled work zones, including an Exclusion Zone, a Contaminant Reduction Zone (CRZ), and a Support Zone, are required for the task(s) indicated above. Geosyntec employees must not be allowed into the CRZ or Exclusion Zone or the Work Zone until they have received the proper personal protective equipment (PPE) and they have read, understand, and meet the requirements outlined in this HASP. The Exclusion Zone is defined as the area on site where contamination is suspected and tasks are to be performed. The CRZ is defined as the area where equipment and workers are to be decontaminated as they leave the Exclusion Zone. The Support Zone is defined as the command area and may serve as a staging and storage area for supplies. The location and extent of the work zones may be modified as necessary as site investigation information becomes available. For sites that do not require the three controlled work zones, the area(s) where work is to be performed shall be called the Work Zone.

Visitors to the site may need to be continually escorted for safety purposes. Visitors under Geosyntec's direction need to check in with the SHSO upon visiting the site.

For the tasks identified above, the boundaries of the Exclusion Zone, CRZ, and Support Zone, or the Work Zone, shall be marked using appropriate methods, including but not limited to warning tape, signs, traffic cones, fencing, or other appropriate means.

10.5 Site Access

Certain sites require controlled access to the work area. Examples of access controls include sign in/sign out logs, checking in with guards, and donning identification badges. Geosyntec personnel will adhere to the site-specific access requirements and monitor that subcontractors and other Geosytnec visitors abide by site-specific access control requirements.

10.6 Inspections

☐ APPLICABLE ☒ NOT APPLICABLE

Based on the hazards identified for the project, periodic health and safety inspections may be performed. The Health & Safety Inspection Checklist records should be kept on file at the project site. The frequency for periodic inspections is:

☐ Weekly
☐ Monthly
☒ Other: As needed

11. TAILGATE MEETINGS

Tailgate meetings must be held daily prior to starting work to discuss important health and safety issues concerning tasks to be performed during that shift. Non-Geosyntec site workers should also communicate health and safety concerns associated with the tasks they will be performing. Topics discussed in the tailgate meetings must be documented.

12. STOP WORK AUTHORITY

In accordance with the Company's Procedure HS 203 - Stop Work Authority, Geosyntec personnel and subcontractor personnel have the authority and responsibility to issue a Stop Work Order if unsafe actions and/or conditions are identified. The Stop Work Authority (SWA) process involves a stop, notify, correct, and resume approach for resolving observed unsafe work actions or conditions. The person issuing the work stoppage will first notify workers engaged in or affected by the unsafe activity or condition and require that associated work be stopped. After this Stop Work Order is issued, the Geosyntec project manager and the supervisors for affected or concerned contractors will also be notified. The Geosyntec project manager will document the issuance of

the Stop Work Order on the form provided in Procedure HS 203. Work will not resume until the issues and concerns of the Stop Work Order have been adequately addressed.

13. AIR MONITORING

APPLIES TO TASK: ☒① ☐② ☐③ ☐④ ☐⑤ ☐⑥ ☐⑦ ☐⑧ ☐ Not Applicable

Air monitoring will be performed to evaluate airborne chemical and/or dust exposure levels within the breathing zone of site workers. Hazardous conditions may include concentrations that may cause acute or chronic illness, potential oxygen deficient environments, or potential explosive environments. Air monitoring may also be performed to evaluate the adequacy of engineering, administrative, and/or PPE controls. Air monitoring may be "real-time" (e.g., the instrument provides immediate results at the project), using multi-gas meters, photoionization detectors (PIDs), or colorimetric tubes. Personal monitoring may also be performed by collecting samples and forwarding to a laboratory for analysis and quantification.

The type(s) of air monitoring equipment required and associated action levels are outlined in Appendix D. Monitoring equipment must be calibrated based on the manufacturer's requirements. Calibration results and air monitoring measurements must be documented. Based on the results noted and site activities or scope of work changes, the frequency of air monitoring may be adjusted on site by the SHSO with the consent of the Project Manager and communication with the HSC.

14. PERSONAL PROTECTIVE EQUIPMENT

The levels of PPE required for each task are presented in Appendix E. Required equipment and types of protective clothing materials, as well as an indication of the initial level of protection to be utilized, are listed. The level of protection may be upgraded or downgraded by the SHSO according to controls requirements in Appendix E or according to action levels provided in Appendix D.

If respirators are worn, workers must abide by the company's Respiratory Protection Program in accordance with company's Respiratory Protection Program (EHS 112).

15. DECONTAMINATION

The SHSO and Project Manager will determine the type and level of decontamination procedures for both personnel and equipment based on evaluation of specific work activities in the controlled work zones. Medical treatment will take precedence over decontamination in the event of a life threatening and/or serious injury/illness. Personnel will perform decontamination in designated

and identified areas upon leaving "hot zones" where the potential exists for exposure to hazardous chemical, biological, or environmental conditions.

Decontamination of personnel in Level D (modified) will consist of proper containerization and disposal of coveralls, disposable boots, and gloves (if applicable).

Decontamination of personnel in Level C, if applicable, will consist, at a minimum, of:

- Removal and cleaning/disposal of boot covers, coveralls, and outer gloves;
- Removal, cleaning, and storage of respiratory protection;
- Washing of non-disposable PPE suspected of being contaminated using a soap solution followed by a water rinse; and
- Removal and disposal of inner gloves.

Hand tools and sampling equipment shall be decontaminated as needed by washing in decontamination basins with appropriate solutions, or, if possible, by dry decontamination. Wash solutions and PPE may require disposal at a licensed waste facility.

16. SPILL CONTAINMENT

The task(s) for this project may involve the handling of drums and/or containers that contain stored chemicals, hazardous materials, and/or wastes. The drums and/or containers may have been spilled/dislodged during site activities due to compromised construction of the drum/container, transportation accidents, improper packaging practices, and improper handling of hazardous materials during on/off loading. Containers shall be inspected and their integrity assured prior to being moved and/or handled. If the integrity of the container is in question, the container shall be over packed or its contents transferred. Operations shall be organized and coordinated to minimize movement of such containers. Where spills, leaks, or ruptures may potentially occur, a supply of sorbents shall be located in the immediate area. Additional preventative measures include:

- UN-approved 55-gallon drums, bins, and/or Baker tanks will be inspected for visible defects upon delivery to the site;
- UN-approved 55-gallon drums will also be inspected to ensure each drum includes a resealable lid with a small resealable sampling port near the top, or on the side of the drum and that the enclosure is not deformed and/or distorted;
- Drums will not be completely filled to allow for possible expansion of liquid and will be set on wooden pallets to facilitate transport by forklift;
- The storage area will be inspected to check for leaks weekly while the containers are being filled and immediately after a relocation to a temporary on-site storage area; and

- Flat areas will be selected for temporary storage away from high-traffic work areas/zones and storm/sewer drains.

In the event of an unplanned release or spill of unknown or hazardous substances, the site supervisor will designate personnel who will support the spill containment, control, and/or clean-up procedures. The team will request additional off-site emergency response assistance if necessary based on the type of spill, volume, potential toxicity, etc.

The spill area will be isolated and restricted to only authorized personnel designated to assist with the containment, control, or clean-up activity. Authorized personnel will be trained to contain and clean spills from typical materials and quantities used at the project location. Physical barriers will be set up to warn unauthorized personnel to stay clear and evacuate the affected area. The spill, leak, or incident will be assessed by the team and characterized to determine the appropriate course(s) of action(s) to consider:

- Small spills (i.e., maximum volume of 55 gallons of a liquid or 100 pounds of a solid) may be remediated using absorbent materials by designated personnel;
- Large spills (i.e., liquid volumes > 55 gallons or solid weighs > 100 pounds) and/or spills of highly toxic materials may require assistance by off-site hazardous materials (HAZMAT) teams;
- Attempts shall be made to identify and stop the source(s) of spillage immediately while donning proper PPE (based on action levels and the air monitoring program) and performing air monitoring;
- The site supervisor will direct spill-response operations and stay at the spill area until it has been cleaned, inspected, and cleared for re-entry; and
- The site supervisor will prepare a spill incident and clean-up report and will communicate findings to the Project and Branch Manager and EHS Department.

17. CONFINED SPACE ENTRY

☐ APPLICABLE ☒ NOT APPLICABLE

The task(s) for this project involve confined-space entry. Workers must abide by the company's Confined Space Entry Program (Procedure HS 118).

18. GLOBALLY-HARMONIZED SYSTEM FOR HAZARD COMMUNICATION

☒ APPLICABLE ☐ NOT APPLICABLE

The following procedures must be followed for chemicals brought onto the site by Geosyntec personnel or by subcontractors (i.e., decontamination solution, sampling preservatives, KB-1 solution, sodium permanganate, etc.) while performing the tasks of this project:

- Labels on primary chemical containers must not be defaced;
- Chemicals must be stored in appropriate storage containers;
- Secondary containers and storage cabinets must be correctly and clearly labeled;
- Chemicals incompatible with each other must not be stored together;
- Workers must receive training on the chemical hazards; and
- Safety Data Sheets (SDSs) must be added to Appendix F.

When chemicals are used on site, workers must abide by Geosyntec's GHS Hazard Communication Program (Procedure HS 115).

19. HASP AMENDMENTS

Over the course of this project, it is possible that the project-specific hazards and working conditions will change. This HASP may be reviewed and amended as necessary to effectively describe the changing working conditions and measures to mitigate the potential health and safety issues that may arise during the project. Amendments to the HASP should be briefly described in the following spaces provided. The full text of the amendments should be provided in Appendix A and/or additional THAs should be added to Appendix B.

AMENDMENT 1:

Date: _____ Project Manager: _____ HSC: _____
Brief description of amendment:
_____
_____
_____
_____
_____

AMENDMENT 2:

Date: _____ Project Manager: _____ HSC: _____
Brief description of amendment:

_____
_____
_____
_____
_____

AMENDMENT 3:

Date: _____ Project Manager: _____ HSC: _____
Brief description of amendment:

_____
_____
_____
_____
_____

Appendix A: HASP Amendments

Discuss details of amendments to this HASP here. Include amendment number, date, and details of amendments.

Appendix B: Task Hazard Analyses

TASKS	
①Confirmatory and Stockpile Sampling	⑤
②Construction Oversight	⑥
③Site Inspection	⑦
④	⑧

THAs for these tasks are presented in the following pages.

APPENDIX B – Task Hazard Analyses

TASK HAZARD ANALYSIS (THA)

Geosyntec HS Procedures referenced herein are available on Geosyntec's H&S SharePoint site and should be consulted, as appropriate, per project-specific needs. This THA prepared per HS-106-Accident Prevention Program, HS-204-Task Hazard Analysis.

PART 1 – SITE SAFETY PLAN

A. PROJECT/TASK INFORMATION

TASK:	Confirmatory and Stockpile Sampling		
Project Name:	Former Sperry Remington Site – North Portion	**Project Number/Org:**	MN0832
Project Address:	777 Sourth Main Street, Elmira, New York		
Description of Task & Worksite:	Confirmatory sampling at base and along sidewalls of excavation.		

Geosyntec Personnel	Name	Office Phone	Cell Phone
Site Lead/HS Officer	Ashwin Ranna	(412) 275-8007	(412) 552-4758
Project Manager	Aron Krasnopoler	(410) 910-7612	(202) 550-7724
Project Director	Paul Brookner	(612) 253-8203	(612) 599-7473
HS Coordinator	Mike Hansen	(410) 381-4333	(443) 812-1430
Regional HS Mngr.	Mark P. Malchik	978-206-5777	781-392-5440
Corp. HS Director	Dale Prokopchak	804-332-6376	804-349-8067
Client Contact(s):	Kevin Krueger	(651) 687-2210	
Subcontractor(s):	☒ Not Applicable ☐ Applicable, provide contact information below:		

B. SUMMARY OF WORK STEPS, HAZARDS, CONTROLS

Based on **PART 2, "HAZARD ANALYSIS,"** and on worksite/client/project factors.

Abstract of work steps/hazards/controls, with references to applicable Sections in Part 2 for greater detail:

WORK STEPS	HAZARDS	CONTROLS
Task 1: Entering and Exiting Excavation	• *Slip, trip, fall* • *Ladders* • *Heavy equipment* • *Potential chemical exposure* • *Heat stress* • *Eye injury* • *Noise* • *Excavation to depths > 4 ft*	• *Walk carefully on uneven terrain* • *Communicate to all field personnel when mechanical equipment is in operation (see EHS 119)* • *Wear required PPE* • *Use proper eye protection* • *Use proper hearing protection (see EHS 109)* • *Ladders (EHS-501)* • *Excavation (see EHS 402)* • *Heavy equipment (see EHS 504)* • *Fall Protection measure (ex. Warning line, barricade, fencing, etc.)* • *Shoring, Slopping, stepping, Bracing of walls, etc.* • *Obtain clearance from Site Competent Person*
Task 2: Sample Collection, Labeling and Packing	• *Slip, trip, fall* • *Mechanical equipment* • *Heat stress* • *Eye injury* • *Noise* • *Potential contaminant exposure: VOCs, PCBs, SVOCs* • *Back strain when transporting coolers full of collected samples packed with ice.*	• *Walk carefully on uneven terrain* • *Communicate to all field personnel when mechanical equipment is in operation (see EHS 119)* • *Wear required PPE* • *Use proper eye protection* • *Use proper hearing protection (see EHS 109)* • *Excavation (see EHS 402)* • *Heavy equipment (see EHS 504)* • *Communicate when entering and exiting the excavation and be aware of any moving equipment.* • *Use proper lifting techniques. Get assistance when possible*

Task 3: Equipment Decontamination *Decontaminate equipment that will be reused (e.g. hand auger, trowel, et. al.)*	• *Slips, Trips, and Falls* • *Hand injuries during handling of equipment.* • *Potential contaminant exposure: VOCs, PCBs, SVOCs* • *Splash hazards*	• *Pay close attention to foot placement; slow deliberate movement.* • *Pay close attention to the sharp edge of steel hand trowelto avoid cutting or other injuries of hands.* • *Continue to wear level D PPE and minimize contact with water.*

C. H&S EQUIPMENT LIST List HS equipment needed at the worksite to control/manage hazards identified in **PART 2, "HAZARD ANALYSIS."**

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**BASIC PPE AND SAFETY GEAR**	☒ Standard work clothes & footwear, appropriate for task ☒ Hard-toed boots/shoes ☒ Hardhat ☒ Safety glasses	☒ Work gloves appropriate for task ☒ Noise/hearing protection ☒ High-visibility/reflective vest ☒ First aid kit	
		☒ Basic PPE for limited protection from chemical contact & low-hazard dust inhalation – nitrile gloves, Tyvek suit, dust mask, boot covers.		
☒	**OTHER H&S EQUIPMENT/GEAR**	☒ Fire extinguisher ☒ Traffic control warning devices ☒ Insect control (repellant)	☒ Vehicle emergency kit (flares, lights, reflective device) ☒ Sun protection (sunscreen, canopy, other) ☐	
		☒ Other: Boot Covers		
☐	**ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT (PPE)**	Eye/face protection ☐ Goggles ☐ Face shield Chemical protective clothing ☒ Gloves, type:Nitrile ☒ Coveralls, type: Tyvek ☐ Outer boots, boot covers	Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Respirator cartridge, type: ☐	☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ Arc Flash Protection ☐ Electrical-Hazard-rated boots, gloves ☐
		☐ Other:		
☐	**SPECIAL HAZARD CONTROLS**	☐ Portable GFCI ☐	☐ Lockout/tagout equipment ☐	☐ Ventilation equipment (fan, blower) ☐
☒	**DECON, PPE DISPOSAL**	☒ Waste receptacle for disposable PPE	☒ Hand washing provisions	☒ Decon solution, misc. supplies
		☐ Additional information:		
☒	**AIR MONITORING EQUIPMENT**	List needed air monitoring equipment below. See Part 2, Sections M, N and O for chemical hazard evaluation, action levels.		
		Work area air monitoring to be provided by IRM contractor; personal dust monitor		

D. EMERGENCY RESPONSE Based on **PART 2, "HAZARD ANALYSIS,"** and on worksite factors, client requirements.

SUMMARY of Recognized Emergency Risk Factors & Response Procedures *(fire/explosion, medical , chemicals/spills, security, site conditions/topography, prevailing weather, other concerns)*:

To Summon Police, Fire, Ambulance in an Emergency	☒ DIAL 911 ☐ use alternate procedure:	
Nearest Emergency Medical Services	Hospital Name: Arnot Ogden Medical Center	
	Address: 600 Roe Avenue, Elmira, NY 14905	
	Phone #: (607) 737-4100 or 911	Phone #: (607) 737-4100 or 911
For **Non-Emergency Urgent Care**:	Contact WorkCare, 24/7 at: 800-455-6155, menu option "3"	
Other Emergency Contacts, as needed *(such as security, spill responder, utility):*		
Job-site **Evacuation** Procedure, Rally Point, Place of refuge:	Calmly exit the Site from the place of work via perimeter road. A site map is available in the work plan. Rally point will be at the nearest EHS building	
Means of alerting on-site personnel in case of emergency:	☒ Verbal ☐ Radio ☒ Cell Phone ☐ Other:	
Special Equipment, as applicable (such as PPE, first aid, eyewash):		

IMPORTANT: After initial emergency response actions and incident stabilization, contact appropriate project personnel (see Part 1.A.).

PART 2 – HAZARD ANALYSIS *Complete Section A. Then complete Sections B thru O, as applicable to your project. Provide comments in each section under "Explanatory Notes, Clarifications" to sufficiently describe site-specific hazards and safety measures.*

A. BASIC HAZARD PREPAREDNESS This section required for all Tasks.

Explanatory Notes, Clarifications: Obtain clearance for excavation entry and stockpile access from Site Competent person before collecting samples.

Basic Personal Protection

☒ **Overhead Hazards** - Wear hardhat or "bump cap" as appropriate for hazard.
☒ **Hand injury hazards** - Wear protective work gloves appropriate for the hazard and work tasks.
☒ **Eye injury hazards** - Wear safety glasses (with side shield or wrap around, either clear or shaded for sun protection).
☒ **Foot hazards, rough terrain** - Wear work boots/shoes with hard toes, ankle support, puncture resistance, traction, as appropriate for conditions.
☒ **Noise** – use hearing protection, (earplugs, earmuffs, or both) as appropriate for conditions, at a minimum where noise levels exceed 85dBA.
☐ **Chemical/biological agents, low hazard and/or "passive" exposure** - use appropriate PPE and precautions; describe above.
☒ **Chemical/biological agents, elevated hazard and/or "active use" exposure** – see Part 2, Section(s) M, N, O, as applicable.

Geosyntec Procedures: *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-210-Walking and Working Surfaces*

General Safety Precautions

☒ **General premises** hazards - housekeeping, rough terrain, trip hazards, steep slope, remote location; describe specific hazards and controls above.
☒ **Weather/climate-related hazards** - heat cold protection, fluids, breaks, shade, sun screen, multiple layers, discontinue use of aerial lift/ladder in high wind, "30/30 rule" for lightning safety, protection from hail, seek place of refuge for extreme weather
☒ **Plant/Insect/Animal Hazards** - Precautions: poison ivy wash; insect repellant; check for ticks; hornet nest spray; animal precautions.
☒ **Traffic** – Implement measures to protect personnel (high visibility/reflective clothing, on-person lighting, traffic control measures).
☐ **Illumination hazards/night work** - Illuminate work areas and/or access routes, use reflective/hi-visibility clothing or on-person lighting, as appropriate.
☒ **Manual hand tools** - proper tool for the job, maintain in good condition, use vice/clamp to hold work piece, proper follow thru
☒ **Machinery hazards, passive exposure** – keep safe distance, heed warning signs, use appropriate PPE (such as eye/hearing protection), secure long hair, loose clothing, jewelry near moving parts. For active use of equipment machinery as part of the work, see Part 2, Section E "Powered Tools, Equipment, Machinery"
☒ **Lifting, manual material handling** – use proper lifting procedures, seek help for >50 lbs.

Geosyntec Procedures: *HS-127-Ticks, HS-124-Heat Stress, HS-125-Cold Stress, HS-210-Walking and Working Surfaces, HS-208-Housekeeping, HS-401-Back Injury Prevention, HS-502-Manual Hand Tool, HS 517 Traffic Safety*

Security

☐ **High crime, urban** – Use appropriate measures for personal security (such as buddy system, security service, work scheduling, other measures)
☐ **Working alone** - Establish "check in" procedure with supervisor/project manager.

Geosyntec Procedures: *HS-207-Working Alone*

Driving Hazards

☒ **Routine work travel** - Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, safe cell phone use, no texting, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate).
☒ **Unfamiliar location** - Plan travel route before driving (assemble maps, enter destination in GPS).
☒ **Long Distance or During Sleep Hours** – Minimize fatigue: rest breaks, light snacks (avoid heavy meals), stay hydrated, fresh air, no loud music, clean windshield.
☒ **Unfamiliar vehicle** – Become familiar with vehicle operational controls before operating vehicle.
☒ **Special hazards** - see Part2, Section B, "Special Driving/Traffic/Transportation Hazards"

Geosyntec Procedures: *HS-105-Driver and Vehicle Safety*

B. SPECIAL DRIVING/TRAFFIC/TRANSPORTATION HAZARDS ☐Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Loads refers to transportation of sample coolers from sampling event.

☐	**SPECIAL DRIVING HAZARDS** Off-Road Driving or use of non-typical vehicle, ATV Hazards: Worker injury due to vehicle collision, rollover	☐ For off road driving, do not exceed capability of vehicle, beware of wet conditions, speed low, avoid unsafe orientation on slopes. ☐ Follow ATV specific procedures for training, safety equipment, operation, manufacturer's instructions. ☐ Special Skills Required for Vehicle type - For vehicles requiring special skills (such as windowless van, heavy work vehicle, utility vehicle, similar) ensure operator is provided training and/or has appropriate operator skills through experience. ***Geosyntec Procedure(s):*** *HS-510-All Terrain Vehicles*
☐	**TRANSPORTING MATERIALS, TOWING/HAULING LOADS** Hazards: Vehicle accident, occupant injury from shifting load, unsafe equipment.	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ Slings, chains, strap, rope and related equipment used for towing, hauling, load-securing shall be appropriate for use, and used in a manner as to prevent an unsafe condition. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
☒	**WORKSITE IN/NEAR VEHICLE THOROUGHFARE** Hazards: Worker injury from being struck by vehicle traveling in thoroughfare.	☒ Wear reflective vests where exposed to traffic hazards. ☐ Where possible, park vehicles as protective shield from oncoming traffic. ☒ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☒ Use DOT signal devices to re-route vehicles around work area, site entrances/exits. ☒ Use DOT-trained flaggers or police detail where appropriate or required. ***Geosyntec Procedure(s):*** *HS-517-Traffic Safety*
☐	**RAILROAD HAZARD** Hazard: Worker injury from being struck by train in R.R. right-of-way	☐ Coordinate with rail company and implement required safety and security measures. ☐ Site workers to receive safety training for railroad work. **Geosyntec Procedure(s):** HS-305-Rail Operations

☐	**WATER TRANSPORTATION**	☐ Follow HS 312 "Water Transportation Safety," and Section C, "Water/Boating Hazards." **Geosyntec Procedure(s):** HS-312-Water Transportation Safety
☐	**AIRPORT, AIRCRAFT** Worker injury when working on/near airport runway, or use of helicopter, light aircraft	☐ Coordinate safety requirements with Airport personnel and implement required safety measures. ☐ Site workers to receive safety training for railroad/airport work. ☐ Follow HS 310 "Helicopter Safety" and/or HS 311 "General Aviation (Small Aircraft) Safety." ***Geosyntec Procedure(s):*** *HS-310-Helicopter Safety, HS 311-General Aviation (Small Aircraft) Safety*
☒	**HEAVY EQUIPMENT TRAFFIC/VEHICLE HAZARDS AT CONSTRUCTION SITE**	☒ See Section G, "Construction, Heavy Equipment, Lift Equipment"

C. WATER/BOATING HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

D. FALL HAZARDS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: In order to collect the samples it will be necessary to ascend/descend into the open pit excavation via ladders/stairs. Stockpile sample may require ascending/descendign mounds of material.

☐	**WORKING AT HEIGHTS (GENERAL)** Hazards: Falls, overhead hazards, impalement hazard (such as from falling onto unprotected rebar and similar) **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	*General fall protection requirement thresholds: required @ ≥4' (industry), ≥6' (construction), ≥10' (scaffolds)* ☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Use designated "watch person" ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Ensure safe access to elevated work location (ladder, stair,) ☐ Install caps on protruding rebar ***Geosyntec Procedure(s):*** *HS-120-Fall Protection, HS-210-Walking and Working Surfaces*
☒	**LADDERS / STAIRS** ☒ Extension/straight ladders ☐ Step ladders ☒ Fixed ladders ☒ Stairs Hazards: Falls, overhead hazards **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☒ Follow safe work practices: • Use ladders according to safe practices and manufacturer's instructions. • Maintain 3 points of contact at all times on ladder; keep center of gravity within side rails. • Do not use metal (conductive) ladder near electrical hazard. • Extension/straight ladders shall be properly footed, secured, angled, extend above upper work surface. • Stepladders are set on level ground or properly shimmed, spreaders locked; do not climb/stand on top step, top cap, or rear non-climbing side; use step ladder of sufficient length for work. • Equip stairs with stair-rails where more than 4 steps, and for stairway height 4' or more. ***Geosyntec Procedure(s):*** *HS-501-Ladders*
☐	**SCAFFOLD** ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold Hazards: Falls, overhead hazards. **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☐ Follow safe work practices: • Identify/coordinate operations with subcontractor's competent person. • Supported scaffold level, stable, proper attachments, tiebacks, planking, • Suspended scaffolds anchored properly. • Guardrails or personal fall apparatus required above 10 feet. • Proper means of accessing scaffold (proper ladders, stair tower). • Total height of free-standing scaffold not to exceed four times the minimum base dimension. • Do not exceed load limits; store/stage materials in quantities sufficient for immediate use. ***Geosyntec Procedure(s):*** *HS-507-Scaffolds*
☐	**AERIAL LIFT** Hazards: Falls, overhead hazards, struck-by, run-over, caught between (pinch points), tip over, fluid leaks. **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☐ Follow safe work practices: • Operators to be sufficiently trained, experienced and qualified. • Equipment is inspected after mobilization and is in good condition. • Harness & lanyard worn whenever operating the lift (possible exception for scissor lifts). • Overhead and surface obstructions to be reviewed with operators prior to use. ***Geosyntec Procedure(s):*** *HS-509-Aerial Lifts*

E. POWERED TOOLS, EQUIPMENT, MACHINERY ☐ Applicable ☒ Not Applicable, Not Anticipated

F. DRILLING ☐ Applicable ☒ Not Applicable, Not Anticipated

G. CONSTRUCTION, HEAVY EQUIPMENT, LIFT EQUIPMENT ☒ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Potentially sampling in the prescence of heavy construction equipment. Make eye contact with operators before sampling.

☒	**HEAVY EQUIPMENT** Hazards: Struck-by, run-over, caught between (pinch points), roll over, fluid leaks, overhead hazards	☒ Follow general safe work practices for heavy equipment: • Trained/qualified persons operate all heavy equipment. • Do not get into a potential crush situation below or between equipment, or in an excavation. • No passengers on moving/operating equipment except where passenger seat/restraint is present. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Operators required to use seatbelts.

	IMPORTANT! Follow safe work practices per Section I, "Utility Related Hazards"	• Eye contact with operator and use of hand signals prior to approaching near equipment. • High visibility vests for all personnel in construction vehicle work area, on-site roadways and travel lanes. • Maximum safe slope for each vehicle will be followed. • Personnel to stay clear of, or restrict access to, swing radius and travel path of equipment. • Spill equipment available for fuel and hydraulic fluid leaks. • Equipment locked, secured, brakes set, buckets/forks lowered, when not in use. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Mark temporary roadways clearly, provide berms/stop logs where needed. ***Geosyntec Procedure(s):*** *HS-504-Heavy Equipment, HS-132-Competent Persons*
☐	**CRANES** Hazards: - electrocution by overhead utility lines - injury in swing radius - injury from falling load - Crane tipping over due to overbalancing, high winds, unstable ground, unsafe slope, bad placement of outriggers - injury from mechanical hazards **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☐ In addition to general safety practices for heavy equipment (above), as applicable: • Only qualified persons operate cranes (certificate required). • Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. • Equipment to be inspected prior to mobilization and daily by crane operator. • Crane operator will remain at the controls at all times during operation. • Crane operation must be performed under the direction of an appointed signal person at all times. • Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. • Keep area beneath suspended loads clear of personnel. • Rigging procedures – see Mechanical Lifting, Rigging, below. ***Geosyntec Procedure(s):*** *HS-506-Cranes, HS-132-Competent Persons*
☐	**MECHANICAL LIFTING, RIGGING** Applies to lifting by crane, truck-mounted boom rig (e.g. drill rig), mechanical/electrical hoist, similar equipment. Hazards: falling loads, personnel under suspended loads.	☐ In addition to general safety practices for heavy equipment (above), as applicable: • Coordinate lifting operations with competent person. • Do not exceed loading limits of lifting equipment; perform work in accordance with equipment load chart. • Slings, chains, rope, wire rope and related equipment used for lifting shall be maintained in good condition, and used in a manner as to protect from damage. • Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. • Hooks will be equipped with safety latches. ***Geosyntec Procedure(s):*** *HS-506-Cranes*
☐	**FORKLIFT** Hazards: Struck-by, run-over, overhead hazards, caught between (pinch points), roll over, fluid leaks. **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☐ In addition to general safety practices for heavy equipment (above), as applicable: • Qualified operator, per established forklift training (certificate is required). • Equipment inspected daily and documented on Forklift Preoperational Inspection Checklist. • Do not exceed lifting load limits. • Forklift shall not be moved/driven with empty forks in raised position. • When not in use, forks lowered, brake set, controls in neutral, key removed. ***Geosyntec Procedure(s):*** *HS-505-Safe Operation of Forklifts, HS-132-Competent Persons*
☐	**AERIAL LIFTS**	☐ See Section D, "Fall Hazards" *Geosyntec Procedure(s): HS-509-Aerial Lifts*
☒	**TRENCHING/EXCAVATION** Hazards: Cave-in, hazardous atmosphere, structures & foundations, falls into excavations **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☒ Safe work practices when personnel will enter trenches/excavations: • Activities under supervision/oversight of competent person, daily inspection. • Excavated materials placed at least 2' from trench sidewall. • Prevent water accumulation in trench. • Sloping & shoring for excavations ≥20' must be approved by a professional engineer. • Sloping/shoring/trench box for excavations ≥5' when persons enter trench/excavation. • Sloping/shoring/trench box for shallow (<5') excavations with cave-in hazard . • Workers in trenches to be within 25 feet of ladder or sloped entryway. • Excavations to be protected by perimeter fencing (not barricade tape), if potential for personnel to fall into. • If potential for atmospheric hazard, see Section J "Confined Space Entry, Hazardous Enclosed Spaces" ***Geosyntec Procedure(s):*** *HS-402-Excavation and Trenching, HS-132-Competent Persons*
☐	**DEMOLITION**	☐ Develop/implement demolition safety plan. ***Geosyntec Procedure(s):*** *HS-132-Competent Persons*
☐	**BLASTING**	☐ Develop/implement blasting safety plan. ***Geosyntec Procedure(s):*** *HS-307-Blasting and Use of Explosives, HS-132-Competent Persons*
☐	**PUBLIC AT RISK, SITE SECURITY**	☒ During site operations protect public (overhead protection, barriers, warning signs). ☒ During off hours, protect public with barriers, warning signs/lights; lock/secure hazardous materials.

H. ELECTICAL HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: It is anticipated that the confirmatory samples will be collected post excavation completion and that the contractor will have disabled all active utilities at time of sampling.

I. UTILITY RELATED HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**OVERHEAD, ABOVE-GROUND UTILITIES**	☐ Maintain proper clearance, employ other appropriate precautions for the conditions. ***Geosyntec Procedure(s):*** *HS-304-Overhead Electrical Lines*
☐	**UNDERGROUND UTILITIES**	☒ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions. ☒ Hand digging within 3' of utility locations.

J. CONFINED SPACE ENTRY, HAZARDOUS ENCLOSED SPACES ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Excavation is anticipated to be open pit with stepped walls and shoring.

K. STORAGE OF BULK MATERIALS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**STORAGE OF MATERIALS** (for Chem. Storage, See Part 2 Section M)	☐ Store materials in stable manner (stacked, racked, blocked, interlocked, tied, wrapped, or otherwise secured) to prevent tipping, sliding, rolling, falling or collapse. ☐ Do not exceed load limits of racks, platform, scaffold; ensure racks are stable, robust, secure. ☐ Ensure stored materials do not block aisles, passageways.

L. INFECTIOUS / ALLERGENIC BIOHAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	☐ Wastewater, sewer ☐ Bird Guano ☐ Bloodborne pathogens ☐ Mold, fungi ☐ Valley Fever	☐ Low hazard - use basic hygiene practices, protective gloves, provide for hand washing. ☐ More severe hazard - add protective clothing, respirator/dust mask, decon, as appropriate. ☐ For human pathogens use "Universal Precautions" per Bloodborne Pathogen Program. ***Geosyntec Procedure(s):*** *HS-133-Bloodborne Pathogens*

M. PROJECT USE OF COMMERCIAL CHEMICAL PRODUCTS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:
Decontamination Fluids, Sample Preservatives

☐	**PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD**	☐ Safety Data Sheets available, either on site or readily available within same work shift, containers labelled properly, workers trained/oriented on hazards ☐ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☐	**COMPRESSED GAS (flammable or nonflammable)**	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage. ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench. ☐ Store/use in a manner to prevent asphyxiation hazard. ☐ Segregate oxygen and fuel gases by distance (20') or barrier. ☐ Control ignition sources. ☐ "No smoking" signage at cylinder storage area for flammable gases. ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	**FLAMMABLE/COMBUSTIBLE LIQUIDS**	☐ Proper storage (flam. storage cabinets, other storage precautions). ☐ Use proper fuel safety can (metal fuel can preferred). ☐ Control ignition sources. ☐ Grounding and bonding where appropriate.
☒	**ACIDS, CAUSTICS, OTHER CORROSIVES**	☒ Handle with care, use appropriate eye/face/skin protection. ☒ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate .
☐	**TOXIC**	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption); use PPE as appropriate, conduct air monitoring as appropriate.
☐	**EMISSIONS FROM FUEL COMBUSTION** ☐ Gasoline ☐ Diesel ☐ Propane/Natural Gas	☐ Position outdoor personnel upwind of exhaust source. ☐ Use blowers, fans to provide fresh air to work area and dissipate atmospheric hazards. ☐ Use respiratory protection for high levels of smoke, exhaust particulates, soot. ☐ Conduct air monitoring as appropriate (see Section O, "Air Monitoring").
☐	**OTHER HAZARDS**	☐ Describe other hazardous substances and safety measures under "Explanatory Notes, Clarifications," above.
☐	**CHEMICAL STORAGE**	☐ Chemical storage cabinet, cage, storage room, or similar.

	Check this when jobsite requirements include special provisions for chemical storage.	☐ Ensure incompatible chemicals are segregated. ☐ Provide secondary containment. ☐ Locate special safety equipment near chemical storage

Geosyntec Procedures: *HS-115-Hazard Communication, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, Others as applicable*

N. SITE CONTAMINANTS, CHEMICAL WASTES ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

CHECK ALL THAT APPLY. Provide explanatory notes above.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated volatile organic compounds (VOCs)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☒ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H_2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☒ **FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. REGULATED BY HAZWOPER (OSHA 29 CFR 1910.120)**

- Implement site control plan via Exclusion Zone(s), Contaminant Reduction Zone(s) and Support Zone (aka EZ, CRZ, SZ)
- Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard.
- Include site map/figure depicting work locations and other relevant site-specific information.
- Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field experience.
- Site workers in EZ or CRZ to participate in Medical Monitoring program, as applicable.
- "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required.
- Site supervisor(s) required to have 8-hr. Supervisor training.
- Implement site-specific procedures for worker protection via engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination procedures, spill containment, emergency preparedness and response.

Geosyntec Procedures: *HS-301-HAZWOPER, HS-108-Medical Monitoring Surveillance, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, HS-405-Drum Sampling, Others as applicable*

☐ **FOR SITE WITH CHEMICAL CONTAMINANTS OR WASTE BUT NOT REGULATED BY HAZWOPER**

- Workers to be knowledgeable/aware of chemical hazards thru safety training/orientation and availability of hazard information
- Implement controls to minimize worker exposure through engineering controls, work practices, PPE, as appropriate.
- Conduct air monitoring/sampling to monitor/evaluate worker exposure, as applicable.

Geosyntec Procedures: *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, Others as applicable*

☐	**OFF-SITE MIGRATION OF CONTAMINANTS**	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.
☐	**SPILL CONTAINMENT, CONTAINERS**	☐ Describe above any site-specific procedures for spill containment, container handling, as applicable. ***Geosyntec Procedures****: HS-406-Unknown Hazardous Waste Drum Handling*

O. AIR MONITORING ☒ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

See Dust Control/Monitoring Plan

☒	**AIR-TESTING PARAMETERS**	☒ VOCs, GASES ☒ PID, Lamp energy: 10.6 eV ☐ FID ☐ Carbon monoxide ☐ Hydrogen sulfide ☐ Oxygen (O_2)	☐ Flammable gas (LEL) ☒ Particulate (dust) ☐ Calibration kit for each parameter ☐ Other:
☐	**ACTION LEVELS FOR O2/LEL**	☐ Oxygen	≤19.5% - ventilate to raise O_2 to acceptable levels, or use Level B. ≥23.0% - ventilate to lower O_2 to acceptable levels, or use Level B and control fire hazards & ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10%.

☒	**ACTION LEVELS FOR TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D***	**Use levels C or B*, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D*.**
		☐ VOCs	< __ ppm	__ ppm to __ ppm: Level C (air purifying respirator) > __ ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☒ Total Dust	< 1 mg/m³	> 10 mg/m³ - Level C (air-purifying respirator)
		☐		

*** Levels of Protection:**
Level D (standard work clothes, basic personal protective wear, no chemical protective clothing, no respiratory protection)
Modified Level D (chemical protective clothing in addition to standard work clothes, no respiratory protection)
Level C (air purifying respirator or dust mask, in addition to chemical protective clothing)
Level B or A (air supplied respirator, chemical protective suit; fully-encapsulating suit for Level A)

Geosyntec Procedures: *HS-111-Air Monitoring*

P. RADIATION HAZARDS (Other than Sunlight) ☐ Applicable ☒ Not Applicable, Not Anticipated

PART 3 – APPROVALS, ACKNOWLEDGEMENTS

A. THA PREPARATION, REVIEW/APPROVAL SIGNATURES - THA typically prepared by project staff, reviewed/approved by Project Manager, Supervisor, qualified/knowledgeable designee, with support of HS personnel as deemed appropriate for the work and associated hazards.			
	Printed Name	*Signature*	*Date*
THA PREPARED BY: (minimum one person)	Matt Schallinger		11/29/2018
THA REVIEWED/ APPROVED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*
	Aron Krasnopoler, P.E.		12/03/2018

>>> Please See Section B, "Field Crew Acknowledgements," on Following Page <<<

B. FIELD CREW ACKNOWLEDGEMENTS

GEOSYNTEC FIELD CREW

Please sign below to acknowledge you reviewed and understand this THA, participated in project safety briefing and had an opportunity to ask questions about the information herein.

Print Name:	Signature:	Employee No.	Date:

SUBCONTRACTOR'S FIELD CREW

Please sign below to acknowledge that this THA was made available to you, and you had an opportunity to ask questions about the information herein.

Print Name:	Signature:	Company Name:	Date:

TASK HAZARD ANALYSIS (THA)

Geosyntec HS Procedures referenced herein are available on Geosyntec's H&S SharePoint site and should be consulted, as appropriate, per project-specific needs. This THA prepared per HS-106-Accident Prevention Program, HS-204-Task Hazard Analysis.

PART 1 – SITE SAFETY PLAN

A. PROJECT/TASK INFORMATION

TASK:	Construction Oversight		
Project Name:	Former Sperry Remington Site – North Portion	**Project Number/Org:**	MN0832
Project Address:	777 South Main Street, Elmira, New York		
Description of Task & Worksite:	Observation and documentation to assure construction activities are in accordance with Site Management Plan, Construction Drawings and Specifications		

Geosyntec Personnel	**Name**	**Office Phone**	**Cell Phone**
Site Lead/HS Officer	Ashwin Ranna	(412) 275-8007	(412) 552-4758
Project Manager	Aron Krasnopoler	(410) 910-7612	(202) 550-7724
Project Director	Paul Brookner	(612) 253-8203	(612) 599-7473
HS Coordinator	Mike Hansen	(410) 381-4333	(443) 812-1430
Regional HS Mngr.	Mark P. Malchik	978-206-5777	781-392-5440
Corp. HS Director	Dale Prokopchak	804-332-6376	804-349-8067
Client Contact(s):	Kevin Krueger	(651) 687-2210	
Subcontractor(s):	☐ Not Applicable ☒ Applicable, provide contact information below:		
	TBD	TBD	TBD

B. SUMMARY OF WORK STEPS, HAZARDS, CONTROLS: Based on **PART 2, "HAZARD ANALYSIS,"** and on worksite/client/project factors.

Abstract of work steps/hazards/controls, with references to applicable Sections in Part 2 for greater detail:

Observe progress of construction activities to ensure adherence to work plan and HASP. Document progress with photographs and field notes.

WORK STEPS	HAZARDS	CONTROLS
1) Observation and Documentation of Site Preparation Activities	• Slip, trip, fall • Electrocution • Mechanical equipment • Potential chemical exposure • Heat stress • Eye injury • Noise	• Walk carefully on uneven terrain • Communicate to all field personnel when mechanical equipment is in operation (see EHS 119) • Wear required PPE • Use proper eye protection • Use proper hearing protection (see EHS 109) • Excavation (see EHS 402) • Heavy equipment (see EHS 504)
2) Observation and Documentation of Underground Utilities Decommissioning and Installation Activities: a. Trenching b. Installation c. Testing	• Slip, trip, fall • Mechanical equipment • Heat stress • Eye injury • Noise	• Walk carefully on uneven terrain and be mindful of hoses and extension cords • Wear required PPE • Use proper eye protection • Use proper hearing protection (see EHS 109) • Excavation (see EHS 402) • Heavy equipment (see EHS 504)
3) Observation and Documentation of Excavation and Backfill a. Trenching/excavation b. Field Measurement and surveying c. Backfill	• Slip, trip, fall • Mechanical equipment • Heat stress • Eye injury • Noise	• Walk carefully on uneven terrain • Wear required PPE • Use proper eye protection • Use proper hearing protection (see EHS 109) • Excavation (see EHS 402) • Heavy equipment (see EHS 504)
4) Final Inspection and Site Demobilization	• Slip, trip, fall • Heat stress • Eye injury	• Walk carefully on uneven terrain and be mindful of hoses and extension cords • Wear required PPE • Use proper eye protection

5) Observation and Documentation of Well abandonment activities	• Slip, trip, fall • Mechanical equipment • Heat stress • Eye injury • Noise	• Walk carefully on uneven terrain and be mindful of hoses and extension cords • Wear required PPE • Use proper eye protection • Use proper hearing protection (see EHS 109) • Excavation (see EHS 402) • Heavy equipment (see EHS 504)

C. H&S EQUIPMENT LIST: List HS equipment needed at the worksite to control/manage hazards identified in PART 2, "HAZARD ANALYSIS."

EXPLANATORY NOTES, CLARIFICATIONS: The contractor will be in charge of setting up and operating excavation construction equipment.

☒	**BASIC PPE AND SAFETY GEAR**	☒ Standard work clothes & footwear, appropriate for task ☒ Hard-toed boots/shoes ☒ Hardhat ☒ Safety glasses	☒ Work gloves appropriate for task ☒ Noise/hearing protection ☒ High-visibility/reflective vest ☒ First aid kit	
		☒ Basic PPE for limited protection from low-hazard chemical contact – nitrile gloves.		
☒	**OTHER H&S EQUIPMENT/GEAR**	☒ Fire extinguisher ☒ Traffic control warning devices ☒ Insect control (repellant)	☒ Vehicle emergency kit (flares, lights, reflective device) ☒ Sun protection (sunscreen, canopy, other) ☐	
		☐ Other:		
☐	**ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT (PPE)**	Eye/face protection ☐ Goggles ☐ Face shield Chemical protective clothing ☐ Gloves, type: ☐ Coveralls, type: ☐ Outer boots, boot covers	Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Respirator cartridge, type: ☐	☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ Arc Flash Protection ☐ Electrical-Hazard-rated boots, gloves ☐
		☐ Other:		
☐	**SPECIAL HAZARD CONTROLS**	☐ Portable GFCI ☐	☐ Lockout/tagout equipment ☐	☐ Ventilation equipment (fan, blower) ☐
☐	**DECON, PPE DISPOSAL**	☐ Waste receptacle for disposable PPE	☐ Hand washing provisions	☐ Decon solution, misc. supplies
		☐ Additional information:		
☐	**AIR MONITORING EQUIPMENT**	List needed air monitoring equipment below. See Part 2, Sections M, N and O for chemical hazard evaluation, action levels.		
		Work area air monitoring to be provided by IRM contractor		

D. EMERGENCY RESPONSE: Based on PART 2, "HAZARD ANALYSIS," and on worksite factors, client requirements.

SUMMARY of Recognized Emergency Risk Factors & Response Procedures *(fire/explosion, medical , chemicals/spills, security, site conditions/topography, prevailing weather, other concerns)*:

To Summon Police, Fire, Ambulance in an Emergency	☒ DIAL 911 ☐ use alternate procedure:	
Nearest Emergency Medical Services	Hospital Name: Arnot Ogden Medical Center	
	Address: 600 Roe Avenue, Elmira, NY 14905	
	Phone #: (607) 737-4100 or 911	☒ See Attached Directions
For **Non-Emergency Urgent Care**:	Contact WorkCare, 24/7 at: 800-455-6155, menu option "3"	
Other Emergency Contacts, as needed *(such as security, spill responder, utility):*		
Job-site **Evacuation** Procedure, Rally Point, Place of refuge:	Calmly exit the Site from the place of work via perimeter road. A site map is available in the work plan. Rally point will be at the nearest EHS building	
Means of alerting on-site personnel in case of emergency:	☒ Verbal ☐ Radio ☒ Cell Phone ☐ Other:	
Special Equipment, as applicable (such as PPE, first aid, eyewash):		

IMPORTANT: After initial emergency response actions and incident stabilization, contact appropriate project personnel (see Part 1.A.).

PART 2 – HAZARD ANALYSIS *Complete Section A. Then complete Sections B thru O, as applicable to your project. Provide comments in each section under "Explanatory Notes, Clarifications" to sufficiently describe site-specific hazards and safety measures.*

A. BASIC HAZARD PREPAREDNESS This section required for all Tasks.

Explanatory Notes, Clarifications:

Basic Personal Protection

☒ **Overhead Hazards** - Wear hardhat or "bump cap" as appropriate for hazard.

☒ **Hand injury hazards** - Wear protective work gloves appropriate for the hazard and work tasks.

☒ **Eye injury hazards** - Wear safety glasses (with side shield or wrap around, either clear or shaded for sun protection).
☒ **Foot hazards, rough terrain** - Wear work boots/shoes with hard toes, ankle support, puncture resistance, traction, as appropriate for conditions.
☒ **Noise** – use hearing protection, (earplugs, earmuffs, or both) as appropriate for conditions, at a minimum where noise levels exceed 85dBA.
☒ **Chemical/biological agents, low hazard and/or "passive" exposure** - use appropriate PPE and precautions; describe above.
☐ **Chemical/biological agents, elevated hazard and/or "active use" exposure** – see Part 2, Section(s) M, N, O, as applicable.

Geosyntec Procedures: *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-210-Walking and Working Surfaces*

General Safety Precautions

☒ **General premises** hazards - housekeeping, rough terrain, trip hazards, steep slope, remote location; describe specific hazards and controls above.
☒ **Weather/climate-related hazards** - heat cold protection, fluids, breaks, shade, sun screen, multiple layers, discontinue use of aerial lift/ladder in high wind, "30/30 rule" for lightning safety, protection from hail, seek place of refuge for extreme weather
☒ **Plant/Insect/Animal Hazards** - Precautions: poison ivy wash; insect repellant; check for ticks; hornet nest spray; animal precautions.
☒ **Traffic** – Implement measures to protect personnel (high visibility/reflective clothing, on-person lighting, traffic control measures).
☐ **Illumination hazards/night work** - Illuminate work areas and/or access routes, use reflective/hi-visibility clothing or on-person lighting, as appropriate.
☐ **Manual hand tools** - proper tool for the job, maintain in good condition, use vice/clamp to hold work piece, proper follow thru
☒ **Machinery hazards, passive exposure** – keep safe distance, heed warning signs, use appropriate PPE (such as eye/hearing protection), secure long hair, loose clothing, jewelry near moving parts. For active use of equipment machinery as part of the work, see Part 2, Section E "Powered Tools, Equipment, Machinery"
☒ **Lifting, manual material handling** – use proper lifting procedures, seek help for >50 lbs.

Geosyntec Procedures: *HS-127-Ticks, HS-124-Heat Stress, HS-125-Cold Stress, HS-210-Walking and Working Surfaces, HS-208-Housekeeping, HS-401-Back Injury Prevention, HS-502-Manual Hand Tool, HS 517 Traffic Safety*

Security

☐ **High crime, urban** – Use appropriate measures for personal security (such as buddy system, security service, work scheduling, other measures)
☐ **Working alone** - Establish "check in" procedure with supervisor/project manager.

Geosyntec Procedures: *HS-207-Working Alone*

Driving Hazards

☒ **Routine work travel** - Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, safe cell phone use, no texting, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate).
☒ **Unfamiliar location** - Plan travel route before driving (assemble maps, enter destination in GPS).
☒ **Long Distance or During Sleep Hours** – Minimize fatigue: rest breaks, light snacks (avoid heavy meals), stay hydrated, fresh air, no loud music, clean windshield.
☒ **Unfamiliar vehicle** – Become familiar with vehicle operational controls before operating vehicle.
☐ **Special hazards** - see Part2, Section B, "Special Driving/Traffic/Transportation Hazards"

Geosyntec Procedures: *HS-105-Driver and Vehicle Safety*

B. SPECIAL DRIVING/TRAFFIC/TRANSPORTATION HAZARDS ☒Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Stockpile sampling is to be carried out by Geosyntec..

☐	**SPECIAL DRIVING HAZARDS** Off-Road Driving or use of non-typical vehicle, ATV Hazards: Worker injury due to vehicle collision, rollover	☐ For off road driving, do not exceed capability of vehicle, beware of wet conditions, speed low, avoid unsafe orientation on slopes. ☐ Follow ATV specific procedures for training, safety equipment, operation, manufacturer's instructions. ☐ Special Skills Required for Vehicle type - For vehicles requiring special skills (such as windowless van, heavy work vehicle, utility vehicle, similar) ensure operator is provided training and/or has appropriate operator skills through experience. ***Geosyntec Procedure(s):*** *HS-510-All Terrain Vehicles*
☐	**TRANSPORTING MATERIALS, TOWING/HAULING LOADS** Hazards: Vehicle accident, occupant injury from shifting load, unsafe equipment.	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ Slings, chains, strap, rope and related equipment used for towing, hauling, load-securing shall be appropriate for use, and used in a manner as to prevent an unsafe condition. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
☒	**WORKSITE IN/NEAR VEHICLE THOROUGHFARE** Hazards: Worker injury from being struck by vehicle traveling in thoroughfare.	☒ Wear reflective vests where exposed to traffic hazards. ☐ Where possible, park vehicles as protective shield from oncoming traffic. ☒ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☒ Use DOT signal devices to re-route vehicles around work area, site entrances/exits. ☒ Use DOT-trained flaggers or police detail where appropriate or required. ***Geosyntec Procedure(s):*** *HS-517-Traffic Safety*
☐	**RAILROAD HAZARD** Hazard: Worker injury from being struck by train in R.R. right-of-way	☐ Coordinate with rail company and implement required safety and security measures. ☐ Site workers to receive safety training for railroad work. **Geosyntec Procedure(s):** HS-305-Rail Operations
☐	**WATER TRANSPORTATION**	☐ Follow HS 312 "Water Transportation Safety," and Section C, "Water/Boating Hazards." **Geosyntec Procedure(s):** HS-312-Water Transportation Safety

☐	**AIRPORT, AIRCRAFT** Worker injury when working on/near airport runway, or use of helicopter, light aircraft	☐ Coordinate safety requirements with Airport personnel and implement required safety measures. ☐ Site workers to receive safety training for railroad/airport work. ☐ Follow HS 310 "Helicopter Safety" and/or HS 311 "General Aviation (Small Aircraft) Safety." ***Geosyntec Procedure(s):*** *HS-310-Helicopter Safety, HS 311-General Aviation (Small Aircraft) Safety*
☒	**HEAVY EQUIPMENT TRAFFIC/VEHICLE HAZARDS AT CONSTRUCTION SITE**	☒ See Section G, "Construction, Heavy Equipment, Lift Equipment"

C. WATER/BOATING HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

D. FALL HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

E. POWERED TOOLS, EQUIPMENT, MACHINERY ☐ Applicable ☒ Not Applicable, Not Anticipated

F. DRILLING ☐ Applicable ☒ Not Applicable, Not Anticipated

G. CONSTRUCTION, HEAVY EQUIPMENT, LIFT EQUIPMENT ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Construction equipment always has the right of way. Be aware of potential blind spots.

☒	**HEAVY EQUIPMENT** Hazards: Struck-by, run-over, caught between (pinch points), roll over, fluid leaks, overhead hazards **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☒ Follow general safe work practices for heavy equipment: • Trained/qualified persons operate all heavy equipment. • Do not get into a potential crush situation below or between equipment, or in an excavation. • No passengers on moving/operating equipment except where passenger seat/restraint is present. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Operators required to use seatbelts. • Eye contact with operator and use of hand signals prior to approaching near equipment. • High visibility vests for all personnel in construction vehicle work area, on-site roadways and travel lanes. • Maximum safe slope for each vehicle will be followed. • Personnel to stay clear of, or restrict access to, swing radius and travel path of equipment. • Spill equipment available for fuel and hydraulic fluid leaks. • Equipment locked, secured, brakes set, buckets/forks lowered, when not in use. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Mark temporary roadways clearly, provide berms/stop logs where needed. ***Geosyntec Procedure(s):*** *HS-504-Heavy Equipment, HS-132-Competent Persons*
☒	**CRANES** Hazards: - electrocution by overhead utility lines - injury in swing radius - injury from falling load - Crane tipping over due to overbalancing, high winds, unstable ground, unsafe slope, bad placement of outriggers - injury from mechanical hazards **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Only qualified persons operate cranes (certificate required). • Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. • Equipment to be inspected prior to mobilization and daily by crane operator. • Crane operator will remain at the controls at all times during operation. • Crane operation must be performed under the direction of an appointed signal person at all times. • Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. • Keep area beneath suspended loads clear of personnel. • Rigging procedures – see Mechanical Lifting, Rigging, below. ***Geosyntec Procedure(s):*** *HS-506-Cranes, HS-132-Competent Persons*
☒	**MECHANICAL LIFTING, RIGGING** Applies to lifting by crane, truck-mounted boom rig (e.g. drill rig), mechanical/electrical hoist, similar equipment. Hazards: falling loads, personnel under suspended loads.	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Coordinate lifting operations with competent person. • Do not exceed loading limits of lifting equipment; perform work in accordance with equipment load chart. • Slings, chains, rope, wire rope and related equipment used for lifting shall be maintained in good condition, and used in a manner as to protect from damage. • Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. • Hooks will be equipped with safety latches. ***Geosyntec Procedure(s):*** *HS-506-Cranes*
☐	**FORKLIFT** Hazards: Struck-by, run-over, overhead hazards, caught between (pinch points), roll over, fluid leaks. **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☐ In addition to general safety practices for heavy equipment (above), as applicable: • Qualified operator, per established forklift training (certificate is required). • Equipment inspected daily and documented on Forklift Preoperational Inspection Checklist. • Do not exceed lifting load limits. • Forklift shall not be moved/driven with empty forks in raised position. • When not in use, forks lowered, brake set, controls in neutral, key removed. ***Geosyntec Procedure(s):*** *HS-505-Safe Operation of Forklifts, HS-132-Competent Persons*
☐	**AERIAL LIFTS**	☐ See Section D, "Fall Hazards" *Geosyntec Procedure(s): HS-509-Aerial Lifts*

☒	**TRENCHING/EXCAVATION** Hazards: Cave-in, hazardous atmosphere, structures & foundations, falls into excavations **IMPORTANT!** Follow safe work practices per Section I, "Utility Related Hazards"	☒ Safe work practices when personnel will enter trenches/excavations: • Activities under supervision/oversight of competent person, daily inspection. • Excavated materials placed at least 2' from trench sidewall. • Prevent water accumulation in trench. • Sloping & shoring for excavations ≥20' must be approved by a professional engineer. • Sloping/shoring/trench box for excavations ≥5' when persons enter trench/excavation. • Sloping/shoring/trench box for shallow (<5') excavations with cave-in hazard. • Workers in trenches to be within 25 feet of ladder or sloped entryway. • Excavations to be protected by perimeter fencing (not barricade tape), if potential for personnel to fall into. • If potential for atmospheric hazard, see Section J "Confined Space Entry, Hazardous Enclosed Spaces" ***Geosyntec Procedure(s):*** *HS-402-Excavation and Trenching, HS-132-Competent Persons*
☐	**DEMOLITION**	☐ Develop/implement demolition safety plan. ***Geosyntec Procedure(s):*** *HS-132-Competent Persons*
☐	**BLASTING**	☐ Develop/implement blasting safety plan. ***Geosyntec Procedure(s):*** *HS-307-Blasting and Use of Explosives, HS-132-Competent Persons*
☒	**PUBLIC AT RISK, SITE SECURITY**	☒ During site operations protect public (overhead protection, barriers, warning signs). ☒ During off hours, protect public with barriers, warning signs/lights; lock/secure hazardous materials.

H. ELECTICAL HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

I. UTILITY RELATED HAZARDS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Exercise extreme caution when working near over head utilities. Have utilities cleared before breaking ground for excavation activities.

☒	**OVERHEAD, ABOVE-GROUND UTILITIES**	☒ Maintain proper clearance, employ other appropriate precautions for the conditions. ***Geosyntec Procedure(s):*** *HS-304-Overhead Electrical Lines*
☒	**UNDERGROUND UTILITIES**	☒ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions. ☒ Hand digging within 3' of utility locations.

J. CONFINED SPACE ENTRY, HAZARDOUS ENCLOSED SPACES ☐ Applicable ☒ Not Applicable, Not Anticipated

K. STORAGE OF BULK MATERIALS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: For stacking of stockpiled materials

☒	**STORAGE OF MATERIALS** **(for Chem. Storage, See Part 2 Section M)**	☒ Store materials in stable manner (stacked, racked, blocked, interlocked, tied, wrapped, or otherwise secured) to prevent tipping, sliding, rolling, falling or collapse. ☒ Do not exceed load limits of racks, platform, scaffold; ensure racks are stable, robust, secure. ☒ Ensure stored materials do not block aisles, passageways.

L. INFECTIOUS / ALLERGENIC BIOHAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

M. PROJECT USE OF COMMERCIAL CHEMICAL PRODUCTS ☐ Applicable ☒ Not Applicable, Not Anticipated

N. SITE CONTAMINANTS, CHEMICAL WASTES ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:
Site contains chemicals of potential concern. Apply level D PPE and use boot covers when walking in open excavations. Use PID to screen soils for VOC's.

CHECK ALL THAT APPLY. Provide explanatory notes above.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated volatile organic compounds (VOCs)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☒ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☒ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H_2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☒	**FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. REGULATED BY HAZWOPER (OSHA 29 CFR 1910.120)**

- Implement site control plan via Exclusion Zone(s), Contaminant Reduction Zone(s) and Support Zone (aka EZ, CRZ, SZ)
- Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard.
- Include site map/figure depicting work locations and other relevant site-specific information.
- Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field experience.
- Site workers in EZ or CRZ to participate in Medical Monitoring program, as applicable.
- "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required.
- Site supervisor(s) required to have 8-hr. Supervisor training.
- Implement site-specific procedures for worker protection via engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination procedures, spill containment, emergency preparedness and response.

Geosyntec Procedures: *HS-301-HAZWOPER, HS-108-Medical Monitoring Surveillance, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, HS-405-Drum Sampling, Others as applicable*

☐ **FOR SITE WITH CHEMICAL CONTAMINANTS OR WASTE BUT NOT REGULATED BY HAZWOPER**

- Workers to be knowledgeable/aware of chemical hazards thru safety training/orientation and availability of hazard information
- Implement controls to minimize worker exposure through engineering controls, work practices, PPE, as appropriate.
- Conduct air monitoring/sampling to monitor/evaluate worker exposure, as applicable.

Geosyntec Procedures: *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, Others as applicable*

☐	**OFF-SITE MIGRATION OF CONTAMINANTS**	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.
☐	**SPILL CONTAINMENT, CONTAINERS**	☐ Describe above any site-specific procedures for spill containment, container handling, as applicable. ***Geosyntec Procedures****: HS-406-Unknown Hazardous Waste Drum Handling*

O. AIR MONITORING ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS: Dust Monitoring will be coordinated by IRM Contractor. Geosyntec will be documenting results regularly but equipment setup and operation is IRM Contractor's responsibility. See Dust Control/Monitoring Plan

☒	**AIR-TESTING PARAMETERS**	☐ VOCs, GASES ☐ PID, Lamp energy: ___ eV ☐ FID ☐ Carbon monoxide ☐ Hydrogen sulfide ☐ Oxygen (O_2)	☐ Flammable gas (LEL) ☒ Particulate (dust) ☐ Calibration kit for each parameter ☐ Other:

☐	**ACTION LEVELS FOR O2/LEL**	☐ Oxygen	≤19.5% - ventilate to raise O_2 to acceptable levels, or use Level B. ≥23.0% - ventilate to lower O_2 to acceptable levels, or use Level B and control fire hazards & ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10%.

☒	**ACTION LEVELS FOR TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D***	**Use levels C or B*, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D*.**
		☐ VOCs	< ___ ppm	___ ppm to ___ ppm: Level C (air purifying respirator) > ___ ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☒ Total Dust	< 1 mg/m³	> 10 mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

*** Levels of Protection:**
Level D (standard work clothes, basic personal protective wear, no chemical protective clothing, no respiratory protection)
Modified Level D (chemical protective clothing in addition to standard work clothes, no respiratory protection)
Level C (air purifying respirator or dust mask, in addition to chemical protective clothing)
Level B or A (air supplied respirator, chemical protective suit; fully-encapsulating suit for Level A)

Geosyntec Procedures: *HS-111-Air Monitoring*

P. RADIATION HAZARDS (Other than Sunlight) ☐ Applicable ☒ Not Applicable, Not Anticipated

PART 3 – APPROVALS, ACKNOWLEDGEMENTS

A. THA PREPARATION, REVIEW/APPROVAL SIGNATURES - THA typically prepared by project staff, reviewed/approved by Project Manager, Supervisor, qualified/knowledgeable designee, with support of HS personnel as deemed appropriate for the work and associated hazards.			
	Printed Name	*Signature*	*Date*
THA PREPARED BY: (minimum one person)	Matt Schallinger		12/1/2018
THA REVIEWED/ APPROVED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*
	Aron Krasnopoler, P.E.		12/2/2018

>>> Please See Section B, "Field Crew Acknowledgements," on Following Page <<<

B. FIELD CREW ACKNOWLEDGEMENTS

GEOSYNTEC FIELD CREW

Please sign below to acknowledge you reviewed and understand this THA, participated in project safety briefing and had an opportunity to ask questions about the information herein.

Print Name:	Signature:	Employee No.	Date:

SUBCONTRACTOR'S FIELD CREW

Please sign below to acknowledge that this THA was made available to you, and you had an opportunity to ask questions about the information herein.

Print Name:	Signature:	Company Name:	Date:

Geosyntec consultants

PRE-WORK TASK HAZARD ANALYSIS (THA)

TASK/ACTIVITY:	Sitewide Inspection	**Date:**	11/30/2018
Project Name:	Former Sperry Remington Site North	**Client Name:**	Unisys Corporation
Project Number:	MN0832	**Geosyntec Proj. Mngr.:**	Aron Krasnopoler
Project Address:	777 Sourth Main Street, Elmira, New York	**Geosyntec Proj. Dir.:**	Paul Brookner
Task Description:	Inspect existing monitoring well network, evaluate institutional and engineering controls, observe and document general site conditions.		

A. SUMMARY OF SITE-SPECIFIC TASK HAZARD ANALYSIS

Site-Specific Comments: Some monitoring locations and IC/EC's are in or near parking lot areas and may have traffic related hazards.

Sub-Tasks, Activities	Hazards	Hazard Controls
Task 1: Mobilize to Site	-Driving -Mobilization to and around unfamiliar facility	- Drive carefully to facility, be well rested and avoid distracted driving. - Review scope of work.
Task 2: Locate monitoring well	-Slips/trips/falls -Heat/cold stress -Biohazards: snakes, bees, spider, ticks, poison ivy -Potential contaminant exposure: VOCs, PCBs, SVOCs -Traffic	-Pay close attention to foot placement; slow deliberate movement. -Dress for weather conditions. Apply sunscreen if needed. -Beaware of surroundings and avoid biohazards. - don level D personal protective equipment (PPE). PPE will include: safety glasses, safety vests, steel toe boots, and nitrile gloves. - see traffic hazard controls
Task 3: Examine institutional and engineering controls	-Same hazards noted above for Task 2. -Some EC's are above the head and may require the use of ladders -May need to access the roof .	-Same hazard controls noted above for Task 2. -Maintain 3 points of contact when on ladders -Stay 6 feet away from the edge of roofs -wear high visibility vests
Task 4: Observe and document general site conditions	-Slips, Trips, and Falls -Traffic -Ongoing construction	-Pay close attention to foot placement; slow deliberate movement. -Continue to wear level D PPE and minimize contact with driving lanes during times of increased traffic. -Take note of ongoing construction activities and try to avoid these areas -Wear high visibility vests
Task 5: Demobilization Demobilize from Site, making sure all work areas are clean and orderly.	-Driving	-Drive carefully and avoid distracted driving. If too exhausted to drive safely back to the office make arrangements to stay at hotel.

B. HEALTH AND SAFETY EQUIPMENT/GEAR

Site-Specific Comments:

☒	PERSONAL PROTECTIVE EQUIPMENT (PPE)**:**	Level(s) of Protection (for chemical hazards):	☒ Level D (standard work clothes, no chemical protective clothing) ☐ Modified Level D (chemical protective clothing in addition to standard work clothes) ☐ Level C (air purifying respirator or dust mask, with chemical protective clothing) ☐ Level B or A (air supplied respirator, chemical protective suit)

		☒ Hard-toed boots/shoes ☐ Hardhat ☐ Noise/hearing protection ☒ High-visibility/reflective vest ☒ Work gloves ☒ Eye/face protection ☒ Safety glasses with side shields ☐ Goggles ☐ Face shield ☐ Other: ☒ Chemical protective clothing ☒ Gloves, type: Nitrile ☐ Coveralls, type: ☐ Outer boots, boot covers ☐ Other:	☐ Respiratory Protection ☐ Disposable n-95 face mask ☐ Half-face air-purifying respirator ☐ Full-face air-purifying respirator ☐ Resp-cartridge, type: ☐ Other: ☐ Personal flotation device ☐ Personal fall apparatus ☐ Fire retardant clothing ☐ EH (Electrical Hazard) rated boots, gloves ☐ Other:
☒	OTHER H&S EQUIPMENT and GEAR:	☒ Fire extinguisher ☐ Caution tape ☒ Traffic control warning devices ☐ Warning signs or placards ☐ Decon supplies for personal decon ☐ Portable ground fault circuit interrupter (GFCI)	☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ First aid kit ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Other:

C. AIR MONITORING – CHECK IF NOT APPLICABLE: ☒

Site-Specific Comments: Air monitoring will not need to be performed during the site wide inspection.

☐	INSTRUMENT(S), EQUIPMENT	☐ PID, Lamp energy: eV ☐ FID ☐ Carbon monoxide detector ☐ Hydrogen sulfide detector ☐ Oxygen (O_2) detector	☐ Flammable gas (LEL) detector ☐ Particulate (dust) detector ☐ Calibration kit for each detector type ☐ Others:

☐	ACTION LEVELS FOR **O2/LEL**	☐ Oxygen	≤19.5% - provide ventilation to raise oxygen to acceptable levels, or utilize Level B. ≥23.0% - provide ventilation to lower oxygen to acceptable levels, or utilize Level B and implement controls for fire hazards, control ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10% through passive dissipation, or active vapor control measures.

		Parameters	**Level D, Modified D**	**Use levels C or B, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D.**
☐	ACTION LEVELS FOR **TOXICS** (sustained breathing zone concentrations)	☐ VOCs	< ppm	ppm to ppm: Level C (air purifying respirator) > ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< mg/m³	> mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

HAZARD	**HAZARD CONTROLS (check all that apply and comment as required)**
1. PREMISES/ENVIRONMENTAL HAZARDS	
Site-Specific Comments:	
☒ LOCATION HAZARDS ☒ Outdoor field work ☒ Urban, suburban ☐ Rural, remote location ☒ Indoor field work ☒ Operating facility ☐ Vacant facility ☐ Water hazards	☒ Use routine safety precautions commensurate with routine work environment conditions ☐ For non-routine, unique, or severe location hazards, see site-specific safety comments above. ☐ For water-related work, see #2, "Water Hazards" ☐ For worksite violence/security risks, see #3, "Violence, Security, Working Alone" ☒ For transportation related hazards, see #5, "Worksite Traffic, Vehicle, Transportation Hazards" ☐ For utility-related hazards, see # 6, "Utility-Related Hazards ☐ For atmospheric hazards in enclosed, indoor, or confined spaces, see # 11 "Confined Spaces or Hazardous Enclosed/Indoor Spaces"

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WALKING/WORKING SURFACES, HOUSEKEEPING ☒ Uneven, rough terrain, riprap ☒ Slippery surfaces ☐ Holes, pits, openings ☐ Puncture, foot hazards	☒ Keep work areas clean, orderly, dispose of trash/debris, maintain sanitary conditions. ☒ Walkways are cleared of equipment, excavated material, tools and debris, snow ☐ Holes, pits, openings to be covered or otherwise marked or guarded ☐ Apply absorbent, salt or sand, for traction/slip resistance on slippery/icy/wet surfaces ☒ Wear proper work boots/shoes with ankle support and/or traction, as appropriate for conditions
☒	TEMPERATURE/WEATHER ☒ Heat Stress ☒ Cold Stress ☒ Severe Weather ☒ Lightning	☒ Heat/Cold stress are monitored in accordance with Geosyntec procedures EHS 124 & EHS 125 ☒ Provide sufficient fluids, shade, breaks, other precautions as appropriate to adderss heat hazards. ☒ Provide protection from sun (sun screen, shaded brake area). ☒ For cold stress, wear multiple layers, protect from wind/wet, frequent break in warm location. ☐ In high wind, discontinue working at heights (e.g. on ladders, scaffold, aerial lift, similar). ☒ Use precautions for lightning, thunderstorm, hale, tornado (monitor weather, “30/30 rule,” shelter)
☒	BIOLOGICAL HAZARDS ☒ Insects, spiders, ticks ☐ Wild/feral/pet animals ☐ Mold, fungi ☒ Poisonous plants ☐ Bird Guano ☐ Infectious, wastewater, sewer ☐ Bloodborne pathogens	☒ Utilize safety practices commensurate with risk of biting/stinging insects, wild/feral/pet animals. ☒ For poisonous plants (poison ivy/oak/sumac/etc.), minimize exposed skin area, wear coveralls, use barrier cream/wash (Technu products or similar), as appropriate. For biological exposure hazards, use protective measures commensurate with hazard: ☒ Minor-moderate hazard - use ordinary hygiene practices, protective gloves, hand washing. ☐ Moderate-severe hazard - add protective clothing, respirator, decon, as appropriate. ☐ Bloodborne pathogen (human infectious agents) - implement “Universal Precautions”
☐	HAZARDOUS NOISE	☐ Hearing protection is used when exposed to excessive noise levels (greater than 85 dBA over an 8-hour work period, or intermittent….)
☐	OVERHEAD HAZARDS, FALLING OBJECTS	☐ Wear hardhat when exposed to overhead hazards, “bump” hazards, falling objects ☐ Cordon off hazard zones, route access/egress around hazards of falling objects ☐ Secure objects from falling ☐ Provide overhead protection (canopy) to protect public pedestrians, workers
☐	ILLUMINATION ☐ Night work ☐ Indoor work	☐ Make site-specific arrangements for illumination of work areas and access routes.
2. BOATING, WATER, WET LOCATIONS, FLOOD, ETC. – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WATER HAZARDS ☐ Drowning, hypothermia ☐ Boat, barge, raft ☐ Wading, wetland, mud/silt ☐ Dam release, flood, tide ☐ Diving	☐ Wear appropriate Coast Guard-approved Personal Flotation Device (PFD) ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares) ☐ Use fuel safety practices, fire extinguisher present in boat ☐ See site-specific safety comments above.
3. VIOLENCE, PUBLIC PROTECTION, WORKING ALONE – SPECIAL MEASURES – CHECK IF NOT ANTICIPATED: ☐		
Site-Specific Comments:		
☐	PERSONAL SECURITY, HIGH CRIME AREA	☐ Employ standard precautions, which may include: conduct work only during daylight hours, use buddy system, avoid parking in secluded location, lock vehicles, hide valuable items in vehicles from plain view ☐ See site-specific safety comments above for project-specific security measures.
☐	PUBLIC AT RISK, SITE SECURITY	☐ Provide safe pedestrian route around work areas, use appropriate barriers, signs, warning devices. ☐ Provide covers over excavation, secure fencing, overnight protection ☐ Provide protection from overhead hazards (canopy, etc.) where public at risk of overhead hazards ☐ Provide secure locked storage of hazardous chemicals, hazardous equipment, etc.
☒	WORKING ALONE	☒ Establish “check in” procedure with supervisor or project manager (arrival, mid-day, departure) ☒ Additional measures, as appropriate for the working conditions.
4. DRIVING, TRAFFIC, TRANSPORTATION HAZARDS – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Site is in a school zone with limits on speed. High population density area. Drive slow and watch for people. Look out for construction signs.		
☒	DRIVING HAZARDS ☒ Routine work travel ☐ Unfamiliar location ☐ Unfamiliar vehicle ☒ Overnight travel, distance	☒ Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, no texting, safe cell phone use, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate). ☒ Plan travel route before driving (assemble maps, enter destination in GPS). ☐ Familiarize yourself with vehicle operational controls before operating unfamiliar vehicle.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	WORKERS EXPOSED TO TRAFFIC HAZARDS ☒ In/near public or private roadway ☒ Parking lot, driveway ☐ Worksite, construction site traffic	☒ Workers to wear reflective vests where exposed to traffic hazards. ☒ Where possible, park vehicles as protective shield from oncoming traffic. ☒ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ DOT signal devices will be used to re-route vehicles around work area, site entrances/exits. ☐ Flaggers will be used and have DOT Flagger Training; police detail where appropriate or required. ☒ Park vehicles in secure location away from heavy equipment use or other site operations. ☐ Mark temporary roadways clearly, provide berms/stop logs where needed.
☐	RAILROAD/AIRPORT HAZARD	☐ Coordinate with rail company/airport and implement required safety measures ☐ Site workers to receive safety training for railroad/airport work.
☐	OFF-ROAD DRIVING, USE OF ALL-TERRAIN VEHICLE	☐ For off road driving, do not exceed capability of vehicle ☐ Follow ATV specific procedures for training, safety equipment, operation.
☐	TRANSPORTING MATERIALS, TOWING/HAULING LOADS	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
5. UTILITY-RELATED HAZARDS (for underground/overhead work) – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	OVERHEAD UTILITIES	☐ Maintain proper clearance, employ other appropriate precautions for the conditions.
☐	UNDERGROUND UTILITIES	☐ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions.
6. ELECTRICAL HAZARDS – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	WORKERS EXPOSED TO: ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/Transformer	☐ Implement electrical safe work practices commensurate with the work to be performed, pertaining to the following (as applicable): - Worker training/qualification - Electrical equipment and hazards, safe design features - Electrical safe work practices - Grounding, use of GFCIs - Electrical equipment installation, operation, maintenance, repair - Arc flash protection - Electrical equipment diagnostics
☐	BASIC ELECTRICAL HAZARDS ☐ Equipment/tool use/operation ☐ Use of extension cords	☐ Control water-related hazards, in a manner appropriate for the job tasks/equipment/tool. ☐ Use extension cords/power cords properly, prevent damage, take out of service if damaged. ☐ Inspect tool/equipment/extension cords/power cords before each use. ☐ Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements ☐ Ensure live parts are guarded, enclosures secure. ☐ Enclosures, circuits properly labeled.
☐	LOCKOUT/TAGOUT OF ELECTRICAL ENERGY	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate “authorized” personnel, notify “affected” personnel
7. FALL HAZARDS – CHECK IF NOT ANTICIPATED: ☐		
Site-Specific Comments: Potentially need to access roof to check on engineering controls.		
☒	WORKING AT HEIGHTS ☒ Roof, skylight ☐ Elevated platform ☐ Holes, side opening ☐ Retaining wall, cliff, ledge ☐ Trench, excavation ☐ Protruding rebar	☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☒ Watch person ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Install caps on protruding rebar
☒	LADDERS / STAIRS ☐ Extension ladders ☒ Step ladders ☐ Fixed ladders ☐ Stairs	☒ Provide instruction/review pertaining to safe ladder use ☐ Extension ladders are properly footed, secured, setup at proper angle ☒ Stepladders are set on level ground or properly shimmed with spreaders locked. ☐ Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. ☐ Never use a step ladder as a straight ladder. All straight ladders shall be extended three rungs past leading edge. Never use metal ladders while working with electricity.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	AERIAL LIFT ☐ Scissor lift ☐ Extensible boom ☐ Articulated boom ☐ Vertical Lift ("Genie")	☐ Operators are sufficiently trained, experienced and qualified. ☐ Equipment is inspected after mobilization and is in good condition. ☐ Harness & Lanyard worn whenever operating the lift (scissor lifts may be excepted) ☐ Overhead and surface obstructions are reviewed with operators prior to use.
☐	SCAFFOLD ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold	☐ Identify/coordinate operations with competent person ☐ Supported scaffold level, stable, proper attachments, tiebacks, planking, ☐ Suspended scaffolds anchored properly ☐ Guardrails present above 10 feet or personal fall apparatus used. ☐ Proper means of accessing scaffold (proper ladders, stair tower). ☐ Total height of free-standing scaffold not to exceed four times the minimum base dimension.
8. TOOLS, EQUIPMENT, MACHINERY – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	HAND TOOLS Eye injury, puncture/bruise/ laceration hazard	☒ Use proper tool for the job, maintain tools in good condition (no damage, cutting tools sharp, etc.) use appropriate PPE for hand/eye/body protection, plan for safe "follow through" motion, use vise/clamp/work surface to hold/stabilize work piece
☐	POWER TOOLS ☐ Eye/hand/body injury ☐ Fuel-related hazards ☐ Inhalation hazard ☐ Noise ☐ Sparks, heat, fire hazard ☐ Electrical hazards	☐ For all power tools: - Inspect tools to ensure safe operating condition before each use. - Use tool in accordance with manufacturer's specifications. - Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection - Provide training or verify operator qualification for use of power tool. - Stay clear of hazard zone, "line of fire" when working near where power tools are used. ☐ Use safety practices for refueling, fuel handling/transport/storage. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. ☐ For electrical hazards, see # 6, "Electrical Hazards".
☐	WELDING, CUTTING ☐ Gas welding/cutting ☐ Arc welding/cutting	☐ Hot work permit system to be implemented. ☐ Operator properly protected (eye protection, clothing, apron, etc.) ☐ Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles) ☐ Protect nearby personnel from hazardous UV, IR light (shielding, curtain) ☐ Electrical safe work practices for arc welding ☐ Gas cylinder safe practices (secured, upright, caps on when not in use, prevent damage).
☐	EQUIPMENT/MACHINERY ☐ Point-of-operation hazards ☐ Pinch points, moving parts ☐ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☐ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Compressed air/gas ☐ Kinetic, stored energy ☐ Noise ☐ Lockout/tagout ☐ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical (see below)	☐ *Working Near* Equipment/Machinery ☐ Work at safe distance/restrict access, ensure guards in place, heed warning signs ☐ Implement measures necessary for adequate illumination ☐ Control exposue to emission/discharge gases (ventilation, PPE, other means). ☐ Ensure safe practices for fuels/fluids/machine-related hazardous materials ☐ Use PPE or other safety practices for eye/hearing/hand/head/body protection ☐ Segregate combustible materials from hot surfaces/hot exhaust (minimum 3 feet) ☐ Operation/Maintenance/Repair of Equipment/Machinery (see applicable control measures above) ☐ Orient/locate equipment for safe access during operation and maintenance ☐ Use equipment/machinery in accordance with manufacturer's specifications ☐ Use safe lifting practices, minimize repetitive motion hazards ☐ Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices ☐ Secure long hair/loose clothing/hanging jewelry near moving/rotating parts ☐ Ensure appropriate warning signs are in place and heeded ☐ Use safe practices for fueling, fuel transport & storage. ☐ Operate fuel-powered equipment in well ventilated location. ☐ Incorporate safety provisions/safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy ☐ Implement control-of-hazardous-energy practices (lockout/tagout), designate "authorized" personnel, notify "affected" personnel ☐ Protect from fall hazards (safe ladder use, personal fall protection, guardrails, other) ☐
☐	ELECTRICAL HAZARDS	☐ Implement provisions of # 6, "Electrical Hazards"
9. MANUAL MATERIAL HANDLING, MATERIAL STORAGE – CHECK IF NOT APPLICABLE: ☒		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
Site-Specific Comments:		
☐	LIFTING / ERGONOMIC Musculoskeletal strain, repetitive motion injury	☐ Use proper manual lifting techniques (straight back, bend at knees, firm grasp, firm footing). ☐ Seek assistance for lifting heavy objects (>50 lbs.) ☐ Use mechanical lifting equipment to reduce manual material handling hazard ☐ For repetitive motion activities, take breaks, switch hands, share task with others, employ other safe practices appropriate for the specific task(s).
☐	STORAGE OF MATERIALS See Sect. 12 for Chemical Storage	☐ Store materials in stable manner that prevents tipping, sliding, rolling, falling over. ☐ Materials stored in tiers to be stacked, racked, blocked, interlocked or otherwise secured to prevent sliding, falling or collapse ☐ Do not exceed load limits of racks, platform; ensure racks are stable, robust, secure ☐ On scaffold, do not store materials in excess of supplies needed for immediate use ☐ Ensure stored materials do not block aisles, passageways ☐ For used lumber, remove nails before stacking, and stack to be stable and self supporting, no higher than 20 feet (or 16 feet if lumber is to be handled manually) ☐ Debris will be removed regularly from storage area and place in designated area or disposed.
10. CONSTRUCTION OPERATIONS, HEAVY EQUIPMENT, HEAVY VEHICLES – CHECK IF NOT ANTICIPATED: ☒		
Site-Specific Comments:		
☐	HEAVY EQUIPMENT; CONSTRUCTION VEHICLES Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	☐ Trained/qualified persons operate all heavy equipment. ☐ No passengers on moving/operating equipment except where passenger seat/restraint is present. ☐ Equipment inspected upon mobilization and daily; maintained in good repair, backup alarms ☐ All leaks or defective safety equipment will be repaired before use. ☐ Operators required to use seatbelts. ☐ Eye contact with operator and use of hand signals prior to approaching near equipment. ☐ High visibility vests are required of all personnel in work area. ☐ Max. safe slope for each vehicle will be followed. ☐ Personnel to stay clear of swing radius of equipment. ☐ Spill equipment available for fuel and hydraulic fluid leaks. ☐ Equipment locked, secured, brakes set, buckets/forks lowered, when not in use.
☐	CRANES Overhead hazards – utility lines, swing radius, falling objects, wire ropes and hoisting equipment ☐ Overbalancing – high winds, outrigger placement, overloading, safe slope ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Only qualified persons operate cranes (certificate required). ☐ A Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. ☐ Equipment will be inspected prior to mobilization and a Crane Pre-Operational Safety Checklist (see EHS 506) will be completed and signed by crane operator. ☐ Crane operator will remain at the controls at all times during operation. ☐ Crane operation must be performed under the direction of an appointed signal person at all times. ☐ Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. Radio equipment, if used, will be equipped with a dedicated channel. ☐ Lifting or lowering will not exceed 100ft/minute. Lowering must be controlled i.e. no free fall. ☐ Stop work will be issued whenever hoisting equipment is exposed to high winds. ☐ Outriggers will be fully extended/locked with a firm footing within the maximum safe slope (<1%). ☐ Crane to be on level, stable base, dunnage used when necessary. ☐ Total weight of load not to exceed 50% of rated capacity for the crane radius and configuration. ☐ Rigging procedures – see Hoisting, Lifting, Rigging, below. ☐ Suspended personnel lifting is prohibited (unless per approved “man-lift” equipment). ☐ No personnel permitted beneath suspended loads.
☐	HOISTING, LIFTING, RIGGING ☐ Crane ☐ Drill rig ☐ Loader, excavator, etc. ☐ Mechanical, electrical hoist	☐ Identify, coordinate with competent person. ☐ Rigging directly to the forks of a lull, forklift, or front loader equipped forks is prohibited. ☐ Do not exceed loading limits of equipment. ☐ A Critical Lift Checklist (see EHS 506) will be completed and signed prior to crane mobilization. ☐ Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. ☐ Crane hooks will be equipped with safety latches.
☐	FORKLIFT Hazards: Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks	**In addition to general safety practices for heavy equipment (above), as applicable:** ☐ Qualified operater, per established forklift training (certificate is required) ☐ Equipment inspected daily and documented on Forklift Preoperation Inspection Checklist ☐ Operators required to use seatbelts, and adhere to safe operating procedures.

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
		☐ Do not exceed lifting load limits. ☐ Forklift shall not be moved/driven with empty forks in raised position. ☐ When not in use, forks lowered, brake set, controls in neutral, key removed.
☐	EXCAVATION/TRENCHING ☐ Max Depth ≥ 20' ☐ Max Depth ≥ 5' ☐ Max Depth <5' with potential cave-in hazard ☐ Potential permit-required confined space at depth ≥ 4' ☐ Underground utilities ☐ Overhead utilities ☐ Structures/foundations ☐ Falls into excavations	☐ Activities under supervision/oversight of competent person ☐ Sloping & shoring for excavations ≥20' are approved by a professional engineer ☐ Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. ☐ Sloping & shoring for shallow (<5') excavations with cave-in hazard ☐ Excavations ≥ 4' are classified as a non-permit confined space ☐ Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) ☐ Implement underground utility clearance procedures. ☐ Hand digging within 3' of utility locations. ☐ Excavations to be protected by perimeter fencing (not barricade tape) ☐ Use trench boxes in accordance with proper procedures. ☐ Workers in trenches to be within 25 feet of ladder or sloped entryway.
☐	DRILLING ☐ Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Fluid Leaks ☐ Underground utilities, aboveground ☐ Spills ☐ See Equipment/Machinery	☐ Contractor inspects drill rig daily before use. ☐ Drill rig equipped with operational emergency stop. ☐ Highpressure lines equipped with whip checks. ☐ High visibility vests, hard hats are being worn near the equipment. ☐ Operators and helpers will maintain a safe distance to moving parts. Individuals working near moving or rotating parts will secure loose hair, clothing, and equipment. ☐ Drill rigs will only be moved with masts lowered. Masts will be erected with outriggers fully extended when equipped with outriggers. ☐ Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. ☐ Spinning parts of the rig are guarded when possible, no loose clothing being worn near the rig. ☐ Follow underground utility clearance procedures. ☐ Area is surveyed for overhead utilities, safe clearance distance maintained. ☐ Hearing protection is used when working near the rig. ☐ Spill equipment is available for fuel and hydraulic fluid leaks.
☐	DEMOLITION	☐ Develop/implement demolition safety plan
☐	BLASTING	☐ Develop/implement blasting safety plan
11. CONFINED SPACES, HAZARDOUS ENCLOSED or INDOOR SPACES – CHECK IF NOT APPLICABLE: ☒		
Site-Specific Comments:		
☐	CONFINED SPACE(S) ☐ Permit required ☐ Non-permit required Potential/actual hazards: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ For personnel <u>working near confined</u> spaces: - Confined spaces have been identified, labeled. - Communication system in place to prevent unauthorized entry. ☐ For <u>permit-required confined space entry</u>, see separate entry permit. - All entrants, attendants, supervisors are trained/qualified. - Hazards properly characterized - Necessary equipment for safe entry utilized (access, retrieval, air monitoring) - Arrangements for rescue team have been made. ☐ For entry into a <u>non-permit</u> confined space, see site specific procedures delineated above in "site-specific comments," or see alternate/attached safety work plan.
☐	ENCLOSED/INDOOR SPACE(S) ☐ Outfall, culvert ☐ Tunnel, shaft, gallery ☐ Machine/equipment pit/vault ☐ Basement/Sub-basement ☐ Crawl space entry ☐ Indoor equipment/drilling	*<u>For indoor use of gasoline/propane/diesel equipment:</u>* ☐ Duct exhaust to outdoors, and/or introduce fresh air using ventilation/blowers/fans. ☐ Perform air monitoring (see section on Air Monitoring) *<u>For entry into potentially hazardous indoor or enclosed spaces:</u>* ☐ Ventilate and/or perform air monitoring for anticipated hazards. ☐ If space classified as confined space, follow confined space entry requirements (above).
12. COMMERCIAL CHEMICAL PRODUCTS USED AT WORK SITE – CHECK IF NOT APPLICABLE: ☐		
Site-Specific Comments: Alconox		

	HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☒	PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD	☒ Safety Data Sheets available, either on site or readily available within same work shift ☒ Containers labelled properly ☒ Workers trained on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings.
☐	COMPRESSED GAS(ES):	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench ☐ Store/use in a manner to prevent asphyxiation hazard ☐ Segregate oxygen and fuel gases by distance (20') or barrier ☐ Control ignition sources, no smoking signage ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.
☐	FLAMM./COMBUST. LIQ.	☐ Proper storage (flam. storage cabinets, other storage precautions) ☐ Control ignition sources ☐ Grounding and bonding where appropriate
☐	CORROSIVES	☐ Handle with care, use appropriate eye/face/skin protection ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate
☐	TOXIC	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption; use PPE as appropriate, conduct air monitoring as appropriate.
☐	CHEMICAL STORAGE	☐ Chemical storage cabinet, cage, storage room, or similar ☐ Incompatible chemicals segregated ☐ Secondary containment ☐ Safety equipment will be located near chemical storage.

13. CHEMICAL HAZARDS FROM ON-SITE CONTAMINANTS, OPERATIONS, EMISSIONS – CHECK IF N/A: ☐

Site-Specific Comments:

CHECK AS APPROPRIATE BELOW. PROVIDE ADDITIONAL INFO. AS APPROPRIATE, IN SITE-SPECIFIC HAZARD ANALYSIS ABOVE.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Asbestos
☐ Recent release, known high concentrations	☒ Chlorinated VOCs (volatile org. cpds.)	☐ Lead paint
☐ Former chemical disposal site, landfill	☒ BTEX, petroleum derived VOCs	☐ Pesticides, herbicides, fungicides
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Sensitizers
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Radioactive contaminants
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Other:
☐ Large containers, potential for spills	☒ Polyaromatic hydrocarbons (PAHs)	
☐ Emissions from active industrial processes	☒ Polychlorinated biphenyls (PCBs)	
☐ Emissions from welding/cutting/hot work	☐ Potential for flammable vapors	
☐ Carbon monoxide (vehicle/equipment exhaust)	☐ Potential for flammable gas (methane)	
☐ Contaminated building surfaces	☐ Corrosive, acids/caustics, strong irritants	
☐ Unexploded ordnance	☐ Sulfides, hydrogen sulfide (H2S)	
☐ Explosive dust	☐ Cyanides, hydrogen cyanide (HCN)	

☐	FOR SITE REGULATED AS "UNCONTROLLED HAZ. WASTE SITE," e.g. **REGULATED BY HAZWOPER** (OSHA 29 CFR 1910.120) - Establish work zones & site control plan (Exclusion Zone - EZ, Contaminant Reduction Zone - CRZ, Support Zone - SZ) - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard. - Include site map/figure depicting work locations and other relevant site-specific information. - Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field expience. - Site workers in EZ or CRZ to participate in Medical Monitoring program. - "Peripheral" site workers, engaged on-site, with no hazardous exposure: 24 hr. training required. - Site supervisor(s) required to have 8-hr. Supervisor training. - Implement site-specific procedures for worker protection through engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination, spill containment (see Sections B and C, "Health and Safety Equipment/Gear" and "Air Monitoring" - Include emergency response program in H&S plan.
☒	FOR SITE WITH CHEMICAL CONTAMINANTS BUT **NOT REGULATED BY HAZWOPER** - Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard - Implement appropriate controls to minimize worker exposure (engineering controls, work practices) to levels below OSHA PELs. - Use PPE as needed (see B, "Health and Safety Equipment/Gear"). - Conduct air monitoring or personal air sampling to monitor and/or evaluate worker exposure (see Section C, "Air Monitoring").

Geosyntec consultants

PRE-WORK TASK HAZARD ANALYSIS (THA)

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
☐	ATMOSPHERIC HAZARDS GENERATED BY EXHAUST FROM OPERATING EQUIPMENT ☐ Position work upwind of exhaust source ☐ Use blowers, fans to dissipate atmospheric hazards ☐ Conduct air monitoring (see Section C, "Air Monitoring").
☐	OFF-SITE MIGRATION OF CONTAMINANTS ☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring is not anticipated with the current scope of work. ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

EMERGENCY RESPONSE **(911 Service is Available ☒ Yes ☐ No)** ☒ Verify wireless coverage at site, use alternate communication procedures as needed.

Emergency Medical Treatment - Hospital Name: Hospital Address:	St Joseph's Hospital 555 E. Market St Elmira NY 14901	**Number:**	607.733.6541
Urgent Care Med. Treatment - Clinic Name: Occupational Clinic Address:	Elmira Urgent Care 306 W. Water St., Elmira, NY 14905	**Number:**	607.732.1100
Fire Department Name	West Elmira Fire Department	**Number:**	911
Spill Response:	West Elmira Fire Department	**Number:**	911
Client Representative Name::	Kevin Krueger	**Office Number:**	(651) 687-2210
		Cell Number:	
Geosyntec **Project Manager** Name:	Aron Krasnopoler	**Office Number:**	(410) 381-4333
		Cell Number:	(202)-550-7724
Geosyntec **Corporate H&S** Name:	Dale Prokopchak	**Office Number:**	804 332 6376
		Cell Number:	(804) 349-8067

Emergency Response Comments:

Date:11/30/2018	
Project Name: Former Sperry Remington Site North	
THA Title: Site Inspection	
Subcontractor Name(s): NA	
Geosyntec Representative (reviewed by):	**Michael Hansen**
Subcontractor Foreman/Supervisor Signature (authorize):	
Crew Signatures (acknowledge):	
Print Name	**Signature**

PLEASE RETURN A COPY OF THIS SIGNED PAGE TO GEOSYNTEC PROJECT MGR., SUPERINTENDENT UPON REVIEW AND ACKOWLEDGMENT BY THE CREW MEMBERS. ALL NEW CREW MEMBERS SHALL BE ORIENTATED THE SAME AND A SUBMITTAL OF A NEW SIGN IN SHEET SHALL BE COMPLETED.

Appendix C: Summary of Chemical Hazards

Petroleum Hydrocarbons

Petroleum hydrocarbons likely at the site include tar and/or fuel-related materials in soils and sediments. Gasoline, diesel, oil, and heavier hydrocarbons, such as grease, may be present. Volatile components of gasoline include benzene, toluene, ethylbenzene, and xylenes (BTEX).

The primary exposure routes for petroleum hydrocarbons during site activities are inhalation, dermal contact, and ingestion of contaminated soil, sediment, dust, or water. Lighter petroleum hydrocarbons such as gasoline and benzene readily volatilize and are primarily an inhalation concern, whereas the primary route of exposure to heavier petroleum hydrocarbons such as aromatic hydrocarbons, oil, and grease is dermal contact. The target organs primarily affected by prolonged exposure to petroleum hydrocarbons are the respiratory system, central nervous system, kidneys, liver, and skin. Prolonged dermal contact with petroleum hydrocarbons can cause irritation or dermatitis. The BTEX compounds are known or suspected human carcinogens.

Petroleum hydrocarbons such as gasoline are also flammable and can be a physical hazard when present in high concentrations. Combustion of petroleum hydrocarbons can produce carbon dioxide, carbon monoxide, aldehydes, fumes, smoke (particulate matter) and other products of incomplete combustion. Intentional and inadvertent combustion of petroleum hydrocarbons is not expected during sampling activities; however, personnel will evacuate the area should a fire occur. The table below summarizes BTEX exposure limits.

Chemical Name	PEL[1]	TLV[2]
Benzene	1	0.5
Toluene	200	50
Ethylbenzene	100	100
Xylene	100	100

[1] OSHA Permissible Exposure Limit (in parts per million)
[2] ACGIH Threshold Limit Value (in parts per million)

Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs are produced during combustion events due to inadequate oxidation of fuel. PAHs in the pure state are yellowish crystalline solids. They are found in coal tar and in products of incomplete combustion. These chemicals have varying degrees of potency for causing cancer, with benzo(a)pyrene being among the most potent. The PAHs are evaluated collectively as COAL TAR PITCH VOLATILES. Coal tar pitch volatiles may cause photo-sensitization and a rash where sunlight strikes the skin. Exposure may also cause cancer of lungs, skin, bladder or kidneys. Benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, and indeno(1,2,3,c,d)pyrene have been identified as carcinogenic.

This information on PAH compounds is presented for site contaminant awareness. While the potential for site personnel sustaining significant inhalation exposures to volatilized PAH compounds during the site activities of this project is minimal, there is the potential for inhalation of PAH-contaminated dust, and handling of contaminated soils presents skin exposure hazards. Use of dust suppression techniques (as appropriate) and the proper use of the PPE will adequately protect personnel. Some significant PAH compounds include:

- Anthracene
- Benzo(a)pyrene Benzo(a)anthracene
- Chrysene Benzo(b)fluoranthene
- Fluoranthene Benzo(k)fluoranthene
- Fluorene Benzo(g,h,i)perylene
- Indeno(1,2,3,c,d)pyrene Benzo(d,e,f)phenanthrene
- Phenanthrene

OSHA PEL for coal tar pitch volatiles is 0.2 mg/m3 and NIOSH REL is 0.1 mg/m^3 , TLV 0.2 mg/m3 is for 8-hour time weighted average (TWA).

PCBs

PCBs are carcinogenic chlorinated hydrocarbons. Potential exposure routes are through inhalation, skin absorption, ingestion and skin or eye contact and may irritate eyes, cause acne, cause liver damage or have reproductive effects. Carcinogenic effects such as tumors and leukemia have been observed in animals. The OSHA permissible exposure limit (PEL) for 8-hour time-weighted average (TWA) is 1 mg/m^3 (skin). The NIOSH PEL is 0.001 mg/m^3.

RCRA Metals

These metals include arsenic, barium, cadmium, chrome, mercury, selenium, and silver. Heavy metals are known to cause neurologic effects (lead, mercury), kidney damage (cadmium), and respiratory damage (arsenic, cadmium). Oral and respiratory exposures should be minimized. The table below summarizes exposure limits.

Chemical Name	PEL[1]	TLV[2]
Arsenic	0.01	0.01
Lead	0.05	0.05
Mercury	0.01	0.25

[1] OSHA Permissible Exposure Limit (PEL) in parts per million
[2] ACGIH Threshold Limit Value (TLV) in parts per million

Chlorinated Solvents/Volatile Organic Compounds (VOCs)

Chlorinated VOCs are widely used as solvents in industrial operations such as degreasing, manufacturing, cleaning and dry cleaning, and are also present in household products and automotive fluids. They readily form vapors which can accumulate in indoor air spaces (i.e., via migration through the subsurface) and react with ozone to form sub-micron sized particles with the potential to cause adverse respiratory health effects. Free product releases (via surface or subsurface discharges or inadequate disposal) can migrate downward to significant depths and through fine-grained deposits to groundwater and can persist as wide-scale sources of vapor plumes for long periods of time.

Several chlorinated hydrocarbons have been identified in soil, indoor air vapor, and groundwater at the site including perchloroethylene (PCE), trichloroethylene (TCE), and 1,2-dichloroethane (DCA). The likely routes of exposure to chlorinated solvents include inhalation, ingestion and direct contact with the skin or eye. The toxicity of chlorinated solvents varies; many affect the CNS and some are identified as carcinogens. PCE can affect the CNS and cause irritation of the skin, eyes, and upper respiratory tract. TCE can depress the CNS, affect kidneys, liver, and lungs and can cause rapid and irregular heartbeat. Toxic effects are increased when combined with alcohol, caffeine, and other drugs. DCA can cause CNS depression and damage to the liver, kidneys, heart, and digestive system. Eye contact with DCA can cause irritation and serious injury if not removed promptly. DCA and TCE are flammable liquids; the LEL of both solvents are approximately 6% and their flash points are less than 100°F. PCE is not considered flammable. These chlorinated solvents are only slightly soluble in water.

Exposure levels will be maintained below OSHA PEL or NIOSH REL as shown in the table below.

Chemical Name	PEL[1]	REL[2]
1,2 DCA	50	1
TCE	100	Ca
PCE	100	Ca

[1] OSHA Permissible Exposure Limit (PEL) in parts per million
[2] ACGIH Threshold Limit Value (TLV) in parts per million
Ca - Carcinogenic

Appendix D: Air Monitoring

Applies to Task: ☒ ① ☐ ② ☐ ③ ☐ ④ ☐ ⑤ ☐ ⑥ ☐ ⑦ ☐ ⑧

☒ *Photoionization Detector (PID)*

Brand/Model No.: MiniRAE 3000 eV:10.6

Monitoring Frequency: Breathing Space

Breathing Zone Reading (ppm)	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ Sustained at 50 ppmv	Stop work. Evacuate the area. If upon return, levels still exceed the action level, stop work and implement engineering controls.

Note: _____

☐ *Oxygen (O_2) Meter*

Brand/Model No.: _____

Monitoring Frequency: _____

Reading (%)	Action
Less than 19.5	Stop work. Evacuate the area.
19.5 to 23.5	Continue to work with caution.
Greater than 23.5	Stop work. Evacuate the area.

Note: _____

☐ *Explosimeter*

Brand/Model No.: _____

Monitoring Frequency: _____

Source (% LEL)

Reading	Action
1 to 10	Continue with caution.
Greater than 10	Stop work. Evacuate the area. If upon return, if concentration still exceeds 10% LEL, ventilate until concentration is back to <10% LEL.

Note: _____

☐ *Flame Ionization Detector (FID)*

Brand/Model No.: _____

Monitoring Frequency: _____

Breathing Zone Reading (ppm)	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ _____	Stop work. Evacuate the area. If upon return, levels still exceed ___, stop work and implement engineering controls.

Note: _____

☐ *Other*

Brand/Model No.: _____

Monitoring Frequency: _____

Breathing Zone Reading (ppm)	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ _____	Stop work. Evacuate the area. If upon return, levels still exceed ___, stop work and implement engineering controls.

Note: _____

☐ *Other*

Brand/Model No.: _____

Monitoring Frequency: _____

Breathing Zone Reading	Action
_____ to _____	Level D PPE
_____ to _____	Level C PPE
Greater than __ _____	Stop work. Evacuate the area. If upon return, levels still exceed ___, stop work and implement engineering controls.

Note: _____

Appendix E: Personal Protective Equipment

	Task ①	Task ②	Task ③	Task ④	Task ⑤	Task ⑥	Task ⑦	Task ⑧
Potential PPE Level per Task:	☒ D ☐ C	☒ D ☐ C	☒ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C

Modified Level D		***Level C***	
Equipment	***Material/Type***	***Equipment***	***Material/Type***
☒ Safety glasses		☐ Full-face air-purifying respirator	Cartridge Type:
☒ Hard-toed boots		☐ Half-mask air-purifying respirator	Cartridge Type:
☐ Protective clothing		☐ Safety glasses	
☒ Hard hat*		☐ Hard-toed boots	
☒ Hearing protection*		☐ Protective clothing	
☒ High-visibility vest*		☐ Hard hat	
☒ Outer boots*		☐ Hearing protection*	
☒ Outer gloves*	Nitrile, Leather	☐ High-visibility vest*	
☐ Other:		☐ Outer boots*	
		☐ Outer gloves*	
		☐ Inner gloves*	
		☐ Other:	

* PPE items may be downgraded (only with concurrence of SHSO and PM)

Appendix F: Safety Data Sheets

Included in this HASP	Chemical
☐	Acetone
☒	Alconox
☐	Ammonia
☐	Bentonite
☐	Diesel Fuel Oil No. 2-D
☐	Gasoline
☐	Helium
☐	Hexane
☒	Hydrochloric Acid
☐	Hydrogen
☒	Isobutylene Calibration Gas
☒	Isopropyl Alcohol
☐	KB-1
☐	Methane Calibration Gas
☒	Nitric Acid
☐	Permanganate
☐	Portland Cement
☐	Sulfuric Acid
☐	Other: _____
☐	Other: _____
☐	Other: _____
☐	Other: _____

Note: SDSs are for chemicals that used to perform project work, not site contaminants.

SAFETY DATA SHEETS

ALCONOX MSDS

Section 1 : MANUFACTURER INFORMATION

Product name: Alconox

Supplier: Same as manufacturer.

Manufacturer: Alconox, Inc.
30 Glenn St.
Suite 309
White Plains, NY 10603.

Manufacturer emergency phone number: 800-255-3924.
813-248-0585 (outside of the United States).

Manufacturer: Alconox, Inc.
30 Glenn St.
Suite 309
White Plains, NY 10603.

Supplier MSDS date: 2009/04/20

D.O.T. Classification: Not regulated.

Section 2 : HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
25155-30-0	10-30	SODIUM DODECYLBENZENESULFONATE	NOT AVAILABLE	438 MG/KG RAT ORAL 1330 MG/KG MOUSE ORAL	NOT AVAILABLE
497-19-8	7-13	SODIUM CARBONATE	NOT AVAILABLE	4090 MG/KG RAT ORAL 6600 MG/KG MOUSE ORAL	2300 MG/M3/2H RAT INHALATION 1200 MG/M3/2H MOUSE INHALATION
7722-88-5	10-30	TETRASODIUM PYROPHOSPHATE	5 MG/M3	4000 MG/KG RAT ORAL 2980 MG/KG MOUSE ORAL	NOT AVAILABLE
7758-29-4	10-30	SODIUM PHOSPHATE	NOT AVAILABLE	3120 MG/KG RAT ORAL 3100 MG/KG MOUSE ORAL >4640 MG/KG RABBIT DERMAL	NOT AVAILABLE

Section 2A : ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).
CAS# 497-19-8: LD50 4020 mg/kg - rat oral.
CAS# 7758-29-4: LD50 3100 mg/kg - rat oral.

Section 3 : PHYSICAL / CHEMICAL CHARACTERISTICS

Physical state: Solid

Appearance & odor: Almost odourless.
White granular powder.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Not applicable.

Vapour density (air=1): Not applicable.

By weight: Not available.

Evaporation rate (butyl acetate = 1): Not applicable.

Boiling point (°C): Not applicable.

Freezing point (°C): Not applicable.

pH: (1% aqueous solution).
9.5

Specific gravity @ 20 °C: (water = 1).
0.85 - 1.10

Solubility in water (%): 100 - > 10% w/w

Coefficient of water\oil dist.: Not available.

VOC: None

Section 4 : FIRE AND EXPLOSION HAZARD DATA

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Water
Water fog.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: None

Lower flammability limit (% vol): Not applicable.

Upper flammability limit (% vol): Not applicable.

Not available.

Sensitivity to mechanical impact: Not applicable.

Hazardous combustion products: Oxides of carbon (COx).
Hydrocarbons.

Rate of burning: Not available.

Explosive power: None

Section 5 : REACTIVITY DATA

Chemical stability:	Stable under normal conditions.
Conditions of instability:	None known.
Hazardous polymerization:	Will not occur.
Incompatible substances:	Strong acids. Strong oxidizers.
Hazardous decomposition products:	See hazardous combustion products.

Section 6 : HEALTH HAZARD DATA

Route of entry:	Skin contact, eye contact, inhalation and ingestion.
Effects of Acute Exposure	
Eye contact:	May cause irritation.
Skin contact:	Prolonged contact may cause irritation.
Inhalation:	Airborne particles may cause irritation.
Ingestion:	May cause vomiting and diarrhea. May cause abdominal pain. May cause gastric distress.
Effects of chronic exposure:	Contains an ingredient which may be corrosive.
LD50 of product, species & route:	> 5000 mg/kg rat oral.
LC50 of product, species & route:	Not available for mixture, see the ingredients section.
Exposure limit of material:	Not available for mixture, see the ingredients section.
Sensitization to product:	Not available.
Carcinogenic effects:	Not listed as a carcinogen.
Reproductive effects:	Not available.
Teratogenicity:	Not available.
Mutagenicity:	Not available.
Synergistic materials:	Not available.
Medical conditions aggravated by exposure:	Not available.
First Aid	
Skin contact:	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if irritation persists.
Eye contact:	Check for and remove contact lenses. Flush eyes with clear, running water for 15 minutes while holding eyelids open: if irritation persists, consult a physician.
Inhalation:	Remove victim to fresh air. Seek medical attention if symptoms persist.
Ingestion:	Dilute with two glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting, seek immediate medical attention.

Section 7 : PRECAUTIONS FOR SAFE HANDLING AND USE

Leak / Spill: Contain the spill.
Recover uncontaminated material for re-use.
Wear appropriate protective equipment.
Contaminated material should be swept or shoveled into appropriate waste container for disposal.

Waste disposal: In accordance with municipal, provincial and federal regulations.

Handling procedures and equipment: Protect against physical damage.
Avoid breathing dust.
Wash thoroughly after handling.
Keep out of reach of children.
Avoid contact with skin, eyes and clothing.
Launder contaminated clothing prior to reuse.

Storage requirements: Keep containers closed when not in use.
Store away from strong acids or oxidizers.
Store in a cool, dry and well ventilated area.

Section 8 : CONTROL MEASURES

Precautionary Measures

Gloves / Type:

Neoprene or rubber gloves.

Respiratory / Type:

If exposure limit is exceeded, wear a NIOSH approved respirator.

Eye / Type:

Safety glasses with side-shields.

Footwear / Type: Safety shoes per local regulations.

Clothing / Type: As required to prevent skin contact.

Other / Type: Eye wash capability should be in close proximity.

Ventilation requirements: Local exhaust at points of emission.

Material Safety Data Sheet
Hydrochloric acid

MSDS# 94460

Section 1 - Chemical Product and Company Identification

MSDS Name:	Hydrochloric acid
Catalog Numbers:	SA5-5, SA50-1, SA50-20, SA50-4, SA52-20, SA52-500, SA54-1, SA54-10, SA54-20, SA54-4, SA60-1, SA62-1
Synonyms:	Chlorohydric acid; Hydrogen chloride; Muriatic acid; Spirits of salt; Hydrochloride.
Company Identification:	Fisher Scientific One Reagent Lane Fair Lawn, NJ 07410
For information in the US, call:	201-796-7100
Emergency Number US:	201-796-7100
CHEMTREC Phone Number, US:	800-424-9300

Section 2 - Composition, Information on Ingredients

Risk Phrases: 34 37

CAS#:	7647-01-0
Chemical Name:	Hydrochloric acid
%:	<2.0
EINECS#:	231-595-7
Hazard Symbols:	C

Risk Phrases:

CAS#:	7732-18-5
Chemical Name:	Water
%:	>98
EINECS#:	231-791-2
Hazard Symbols:	

Text for R-phrases: see Section 16

Hazard Symbols:	None listed
Risk Phrases:	None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Warning! May cause eye, skin, and respiratory tract irritation. Target Organs: No data found.

Potential Health Effects

Eye:	May cause eye irritation.
Skin:	May cause skin irritation.
Ingestion:	May cause irritation of the digestive tract.
Inhalation:	May cause respiratory tract irritation. Exposure to the mist and vapor may erode exposed teeth.
Chronic:	Prolonged or repeated skin contact may cause dermatitis. Repeated exposure may cause erosion of teeth. Repeated exposure to low concentrations of HCl vapor or mist may cause bleeding of nose and gums. Chronic bronchitis and gastritis have also been reported.

Section 4 - First Aid Measures

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Get medical aid immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Not flammable, but reacts with most metals to form flammable hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Extinguishing Media: Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

NFPA Rating: health: 1; flammability: 0; instability: 1;

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Cover with dry earth, dry sand, or other non-combustible material followed with plastic sheet to minimize spreading and contact with water.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store in metal containers. Store away from alkalies.

Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Hydrochloric acid	2 ppm Ceiling	50 ppm IDLH	5 ppm Ceiling; 7 mg/m3 Ceiling
Water	none listed	none listed	none listed

OSHA Vacated PELs: Hydrochloric acid: None listed Water: None listed

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:	Wear neoprene or polyvinyl chloride gloves to prevent exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State:	Clear liquid
Color:	colorless to slight yellow
Odor:	Not available
pH:	0.10 (1.0N soln)
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Soluble
Specific Gravity/Density:	Not available.
Molecular Formula:	HCl
Molecular Weight:	36.46

Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Excess heat.
Incompatibilities with Other Materials	Bases.
Hazardous Decomposition Products	Hydrogen chloride.
Hazardous Polymerization	Will not occur.

Section 11 - Toxicological Information

RTECS#:

CAS# 7647-01-0: MW4025000 MW4031000
CAS# 7732-18-5: ZC0110000

LD50/LC50:

RTECS:
CAS# 7647-01-0: Inhalation, mouse: LC50 = 1108 ppm/1H;
Inhalation, mouse: LC50 = 20487 mg/m3/5M;
Inhalation, mouse: LC50 = 3940 mg/m3/30M;
Inhalation, mouse: LC50 = 8300 mg/m3/30M;
Inhalation, rat: LC50 = 3124 ppm/1H;
Inhalation, rat: LC50 = 60938 mg/m3/5M;
Inhalation, rat: LC50 = 7004 mg/m3/30M;
Inhalation, rat: LC50 = 45000 mg/m3/5M;
Inhalation, rat: LC50 = 8300 mg/m3/30M;
Oral, rabbit: LD50 = 900 mg/kg;
.
RTECS:
CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;
.

Carcinogenicity:

Hydrochloric acid - IARC: Group 3 (not classifiable)
Water - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: Rinsed with water test: Administration into the eye (rabbit) = 5 mg/30sec (Mild).

Section 12 - Ecological Information

Ecotoxicity:

Fish: Bluegill/Sunfish: 3.6 mg/L; 48 Hr; Lethal (unspecified)
Fish: Bluegill/Sunfish: LD50; 96 Hr; pH 3.0-3.5

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT
Shipping Name: HYDROCHLORIC ACID
Hazard Class: 8
UN Number: UN1789
Packing Group: II
Canada TDG
Shipping Name: Not regulated as a hazardous material
Hazard Class:
UN Number:
Packing Group:

USA RQ: CAS# 7647-01-0: 5000 lb final RQ; 2270 kg final RQ

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7647-01-0: 1

CAS# 7732-18-5: Not available

Canada

CAS# 7647-01-0 is listed on Canada's DSL List

CAS# 7732-18-5 is listed on Canada's DSL List

Canadian WHMIS Classifications: Not controlled.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 7647-01-0 is listed on Canada's Ingredient Disclosure List

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 7647-01-0 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 12/19/2007

Revision #2 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

MATERIAL SAFETY DATA SHEET
29 CFR 1910.1200 OSHA Hazard
Communication Rule Format
Chem-Tel 24 Hour Emergency # 1-800-255-3924

MINE SAFETY APPLIANCES COMPANY
P.O. Box 426
Pittsburgh, PA 15230
PHONE (412) 967-3000

This product contains isobutylene, oxygen and nitrogen, substances subject to the Pennsylvania Worker and Community Right-To-Know Act.

PRODUCT IDENTITY

LABEL IDENTITY - MSA P/N 10028038 Calibration Check Gas, 100 ppm Isobutylene in Air

CHEMICAL NAME - Isobutylene, Oxygen, Nitrogen Mixture

ADDITIONAL IDENTITIES - MSA P/N 10028038 Calibration Gas

FORMULA - C_4H_8 in Air

APPLICABLE CHEMICAL CONTENTS

	ppm	TWA
Isobutylene (CAS 115-11-7)	100	None
Air	Balance	None

NOTE: Gas under pressure, 1000 PSIG at 70°F, Approx. 100 Liters gas at atmospheric pressure

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR - Colorless odorless gas.

BOILING POINT - N/A

SPECIFIC GRAVITY (H_2O = 1) - N/A

VAPOR PRESSURE - N/A

PERCENT VOLATILE BY VOLUME - N/A

VAPOR DENSITY (AIR = 1) - > 1

SOLUBILITY IN WATER - Isobutylene - Insoluble
Oxygen - 3.2 cm^3/100 ml (25°C)
Nitrogen - 2.3 cm^3/100 ml (0°C)

N/A - Not Applicable

PHYSICAL HAZARD INFORMATION

PHYSICAL HAZARD - Compressed gas, 1000 PSIG at 70°F

CONDITIONS OR MATERIALS TO AVOID - None

FLASH POINT - N/A LEL - N/A UEL - N/A

EXTINGUISHING MEDIA - This calibration gas mixture is not flammable. Use extinguishing media appropriate to surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES - See Next Item

UNUSUAL FIRE AND EXPLOSION HAZARDS - Gas under pressure, 1000 PSIG at 70°F. Do not exceed 120°F.

HEALTH HAZARDS

HEALTH HAZARDS - None Known for 100 ppm Isobutylene in Air. Isobutylene Inhalation Rat LC50: 620 Gm/M^3/4H. Isobutylene Inhalation Mouse LC50: 415 gm/M^3/2H.

SIGNS AND SYMPTOMS OF EXPOSURE - N/A to this gas mixture.

PRIMARY ROUTES OF ENTRY - Inhalation

TARGET ORGANS - Isobutylene is an asphyxiant, which displaces oxygen in the environment..

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE - No information

EXPOSURE LIMITS - None (ACGIH 2009)

CARCINOGENICITY DATA - Component gases are not listed by NIOSH RTECS, OSHA, NTP or IARC.

EMERGENCY AND FIRST AID PROCEDURES - None

SAFE HANDLING AND USE

HYGIENIC PRACTICES - Avoid breathing gas.

PROTECTIVE MEASURES DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT - N/A

PROCEDURES FOR SPILL OR LEAK CLEANUP - Ventilate area

WASTE DISPOSAL - Do not puncture or incinerate cylinder. Before discarding cylinder, slowly release contents to a safe exhaust. Dispose of cylinder in accordance with local, state and federal regulations

STORAGE - Store in a cool, dry, well-ventilated area. Do not exceed 120°F.

CONTROL MEASURES

PERSONAL PROTECTIVE EQUIPMENT - Due to the limited amount of gas in the cylinder, and the low release rate employed in instrument calibration, respiratory protection is not indicated under conditions of intended use.

ENGINEERING CONTROLS - Mechanical ventilation is suitable.

WORK PRACTICES - Avoid breathing gas. Use in well-ventilated areas. Follow the calibration procedure detailed in the MSA instruction manual provided with the instrument under calibration.

DATE OF PREPARATION - Rev. 2, April 2009

WARNING: This is a hazardous chemical product. By following the directions and warnings provided with this product, the hazards associated with the use of this product can be greatly reduced but never entirely eliminated. Mine Safety Appliances Company makes no warranties, expressed or implied, with respect to this product and EXPRESSLY DISCLAIMS THE WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Users assume all risks in handling, using or storing this product.

Fisher Scientific

Material Safety Data Sheet

Isopropyl alcohol 70% in water

MSDS# 89530

Section 1 - Chemical Product and Company Identification

MSDS Name:	Isopropyl alcohol 70% in water
Catalog Numbers:	AC613190040, AC613245000, A459-1, A459-20, A459-4, A459-500, NC9761180
Synonyms:	Isopropanol; Dimethylcarbinol; sec-Propyl alcohol; Rubbing alcohol; Petrohol; 1-Methylethanol; 1-Methylethyl alcohol; 2-Hydroxypropane; 2-Propyl alcohol; Isopropyl alcohol; Propan-2-ol; IPA; 2-Propanol.
Company Identification:	Fisher Scientific One Reagent Lane Fair Lawn, NJ 07410
For information in the US, call:	201-796-7100
Emergency Number US:	201-796-7100
CHEMTREC Phone Number, US:	800-424-9300

Section 2 - Composition, Information on Ingredients

Risk Phrases: 11 36 67

CAS#:	67-63-0
Chemical Name:	Isopropyl alcohol
%:	70
EINECS#:	200-661-7
Hazard Symbols:	F Xi

Risk Phrases:

CAS#:	7732-18-5
Chemical Name:	Water
%:	30
EINECS#:	231-791-2
Hazard Symbols:	

Text for R-phrases: see Section 16

Hazard Symbols: Xi F

Risk Phrases: 11 36 67

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Warning! Flammable liquid and vapor. Prolonged or repeated contact causes defatting of the skin with irritation, dryness, and cracking. May cause central nervous system depression. Aspiration hazard if swallowed. Can enter lungs and cause damage. Breathing vapors may cause drowsiness and dizziness. Causes eye and respiratory tract irritation. Target Organs: Central nervous system, respiratory system, eyes, skin.

Potential Health Effects

Eye:	Produces irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury. May cause transient corneal injury.
Skin:	May cause irritation with pain and stinging, especially if the skin is abraded. Isopropanol has a low potential to cause allergic skin reactions; however, rare cases of allergic contact dermatitis have been reported. May be absorbed through intact skin.
Ingestion:	Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.
Inhalation:	Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause narcotic effects in high concentration. Causes upper respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.
Chronic:	Prolonged or repeated skin contact may cause defatting and dermatitis.

Section 4 - First Aid Measures

Eyes:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.
Skin:	In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
Ingestion:	Potential for aspiration if swallowed. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician:	Urine acetone test may be helpful in diagnosis. Hemodialysis should be considered in severe intoxication. Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Use water spray to keep fire-exposed containers cool. Flammable liquid and vapor. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.
Extinguishing Media:	Water may be ineffective. Do NOT use straight streams of water. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out.
Autoignition Temperature:	399 deg C (750.20 deg F)
Flash Point:	18 deg C (64.40 deg F)
Explosion Limits: Lower:	2.0 vol %
Explosion Limits: Upper:	12.7 @ 93.3°C
NFPA Rating:	health: 1; flammability: 3; instability: 0;

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use water spray to dilute spill to a non-flammable mixture. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

Section 7 - Handling and Storage

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.

Take precautionary measures against static discharges. Keep container tightly closed. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing vapor or mist.

Storage: Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Isopropyl alcohol	200 ppm; 400 ppm STEL	400 ppm TWA; 980 mg/m3 TWA 2000 ppm IDLH (10% LEL)	400 ppm TWA; 980 mg/m3 TWA
Water	none listed	none listed	none listed

OSHA Vacated PELs: Isopropyl alcohol: 400 ppm TWA; 980 mg/m3 TWA Water: None listed

Engineering Controls:

Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Color: colorless

Odor: alcohol-like

pH: Not available

Vapor Pressure: 33 mm Hg @ 20 deg C

Vapor Density: 2.1 (Air=1)

Evaporation Rate: 1.7 (n-butyl acetate=1)

Viscosity: 2.27 mPas @ 20 deg C

Boiling Point: 82 deg C @ 760 mm Hg (179.60°F)

Freezing/Melting Point: -88 deg C (-126.40°F)

Decomposition Temperature: Not available

Solubility in water: Miscible

Specific Gravity/Density: 0.7850 (water=1)

Molecular Formula: C3H8O

Molecular Weight: 60.09

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Ignition sources, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases, amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene, Attacks some forms of plastics, rubbers, and coatings., aluminum at high temperatures.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#: CAS# 67-63-0: NT8050000
CAS# 7732-18-5: ZC0110000

RTECS:
CAS# 67-63-0: Draize test, rabbit, eye: 100 mg Severe;
Draize test, rabbit, eye: 10 mg Moderate;
Draize test, rabbit, eye: 100 mg/24H Moderate;
Draize test, rabbit, skin: 500 mg Mild;
Inhalation, mouse: LC50 = 53000 mg/m3;
Inhalation, rat: LC50 = 16000 ppm/8H;
Inhalation, rat: LC50 = 72600 mg/m3;
Oral, mouse: LD50 = 3600 mg/kg;
Oral, mouse: LD50 = 3600 mg/kg;
Oral, rabbit: LD50 = 6410 mg/kg;
Oral, rat: LD50 = 5045 mg/kg;
Oral, rat: LD50 = 5000 mg/kg;
Skin, rabbit: LD50 = 12800 mg/kg;

LD50/LC50:

RTECS:
CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;

Carcinogenicity: Isopropyl alcohol - IARC: Group 3 (not classifiable)
Water - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Ecotoxicity: Fish: Fathead Minnow: >1000 ppm; 96h; LC50
Daphnia: >1000 ppm; 96h; LC50
Fish: Gold orfe: 8970-9280 ppm; 48h; LC50

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

US DOT
Shipping Name: ISOPROPANOL
Hazard Class: 3
UN Number: UN1219
Packing Group: II
Canada TDG
Shipping Name: ISOPROPANOL
Hazard Class: 3
UN Number: UN1219
Packing Group: II

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI F

Risk Phrases:

R 11 Highly flammable.

R 36 Irritating to eyes.

R 67 Vapours may cause drowsiness and dizziness.

Safety Phrases:

S 7 Keep container tightly closed.

S 16 Keep away from sources of ignition - No smoking.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)

CAS# 67-63-0: 1

CAS# 7732-18-5: Not available

Canada

CAS# 67-63-0 is listed on Canada's DSL List

CAS# 7732-18-5 is listed on Canada's DSL List

Canadian WHMIS Classifications: B2, D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 67-63-0 is listed on Canada's Ingredient Disclosure List

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 67-63-0 is listed on the TSCA Inventory.

CAS# 7732-18-5 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date: 7/27/1999

Revision #12 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

Material Safety Data Sheet

Version 3.0
Revision Date 05/12/2009
Print Date 06/23/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Nitric acid

Product Number : 258121
Brand : Sigma-Aldrich

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA
Telephone : +1 800-325-5832
Fax : +1 800-325-5052
Emergency Phone # : (314) 776-6555

2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : HNO3

CAS-No.	EC-No.	Index-No.	Concentration
Nitric acid			
7697-37-2	231-714-2	007-004-00-1	>= 90 %
Water			
7732-18-5	231-791-2	-	<= 10 %

3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards
Target Organ Effect, Corrosive

Target Organs

Lungs, Teeth., Cardiovascular system.

HMIS Classification
Health Hazard: 3
Chronic Health Hazard: *
Flammability: 0
Physical hazards: 0

NFPA Rating
Health Hazard: 3
Fire: 0
Reactivity Hazard: 3
Special hazard.: OX

Potential Health Effects

Inhalation	May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Skin	May be harmful if absorbed through skin. Causes skin burns.
Eyes	Causes eye burns.
Ingestion	May be harmful if swallowed. Causes burns.

4. FIRST AID MEASURES

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Continue rinsing eyes during transport to hospital.Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point	no data available
Ignition temperature	no data available

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions
Do not let product enter drains.

Methods for cleaning up
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Handling
Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Keep away from combustible material.

Storage
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
Nitric acid	7697-37-2	TWA	2 ppm	2007-01-01	USA. ACGIH Threshold Limit Values (TLV)
Remarks	Eye & Upper Respiratory Tract irritation Dental erosion				
		STEL	4 ppm	2007-01-01	USA. ACGIH Threshold Limit Values (TLV)
	Eye & Upper Respiratory Tract irritation Dental erosion				
		TWA	2 ppm 5 mg/m3	1989-01-19	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		STEL	4 ppm 10 mg/m3	1989-01-19	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		TWA	2 ppm 5 mg/m3	1997-08-04	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	The value in mg/m3 is approximate.				

Personal protective equipment

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
Handle with gloves.

Eye protection
Safety glasses

Skin and body protection
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	liquid
Colour	colourless

Safety data

pH	< 1 at 20 °C (68 °F)
Melting point	no data available
Boiling point	100 °C (212 °F) at 1,013 hPa (760 mmHg)
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	11 hPa (8 mmHg) at 20 °C (68 °F)
Density	1.4 g/cm3
Water solubility	completely soluble

10. STABILITY AND REACTIVITY

Storage stability
Stable under recommended storage conditions. Stable under recommended storage conditions.

Conditions to avoid
May discolor on exposure to air and light.

Materials to avoid
Alkali metals, Organic materials, Acetic anhydride, Acetonitrile, Alcohols, Acrylonitrile

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Irritation and corrosion

Skin - rabbit - Extremely corrosive and destructive to tissue. - Draize Test

Sensitisation

no data available

Chronic exposure

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as

a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Developmental Toxicity - rat - Oral
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Reproductive toxicity - rat - Oral
Effects on Newborn: Biochemical and metabolic.

Signs and Symptoms of Exposure

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Potential Health Effects

Inhalation	May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
Skin	May be harmful if absorbed through skin. Causes skin burns.
Eyes	Causes eye burns.
Ingestion	May be harmful if swallowed. Causes burns.
Target Organs	Lungs, Teeth., Cardiovascular system.,

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

Toxicity to fish	LC50 - Asterias rubens - 100 - 330 mg/l - 48 h

Further information on ecology

May be harmful to aquatic organisms due to the shift of the pH.

13. DISPOSAL CONSIDERATIONS

Product
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN-Number: 2031 Class: 8 (5.1) Packing group: I
Proper shipping name: Nitric acid
Marine pollutant: No
Poison Inhalation Hazard: No

IMDG
UN-Number: 2031 Class: 8 (5.1) Packing group: I EMS-No: F-A, S-Q
Proper shipping name: NITRIC ACID
Marine pollutant: No

IATA
UN-Number: 2031 Class: 8 (5.1) Packing group: I
Proper shipping name: Nitric acid
IATA Passenger: Not permitted for transport

15. REGULATORY INFORMATION

OSHA Hazards
Target Organ Effect, Corrosive

DSL Status
All components of this product are on the Canadian DSL list.

SARA 302 Components

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

SARA 313 Components

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Nitric acid	7697-37-2	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Nitric acid	7697-37-2	2007-07-01

New Jersey Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Nitric acid	7697-37-2	2007-07-01

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Further information
Copyright 2009 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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

COMMUNITY AIR MONITORING PLAN

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

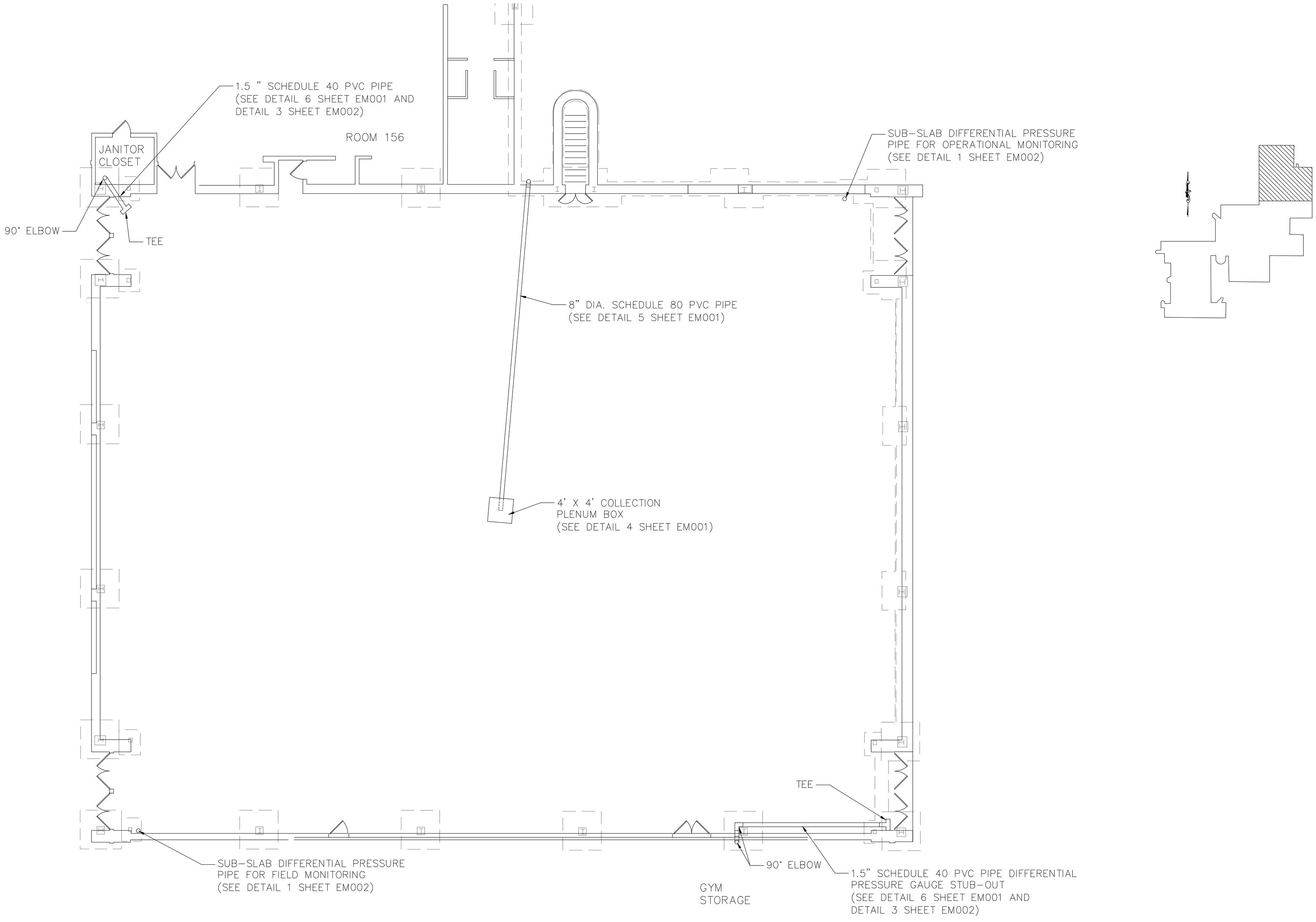
2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

APPENDIX I
AS-BUILT DRAWINGS

APPENDIX I
AS-BUILT DRAWINGS



MAP REFERENCE:

BASE MAP PROVIDED BY FAMMING-HOWEY ASSOCIATES INC.
ENTITLED FOUNDATION PLAN UNIT A, DATED JUNE 2, 1977.

SHEET EM000

STATE OF NEW YORK · ROBERT L. ALDRICH · NO. 058711 · LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

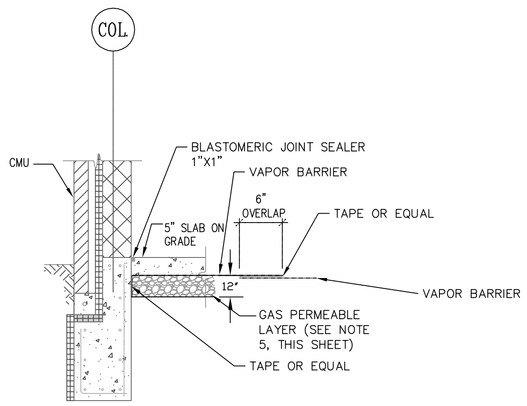
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

0 3 6 12
1" = 6'

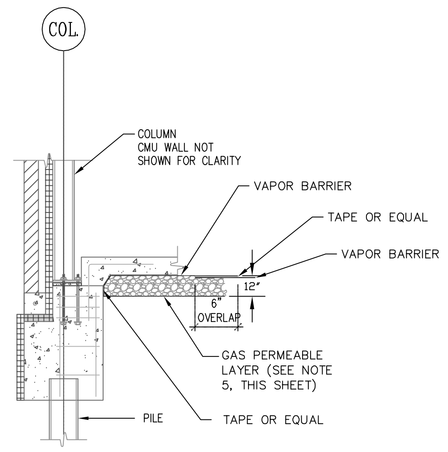
PLAN VIEW OF SUB-SLAB PIPES AND PLENUM BOX
GYM SUB-SLAB DEPRESSURIZATION SYSTEM
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

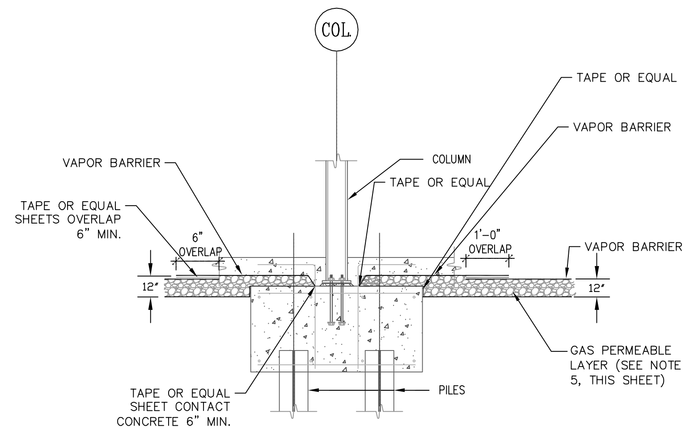
DATE: 5/10/10 | SCALE: 1"=6' | DWG. NO. 28014067 | SHEET 1 OF 3



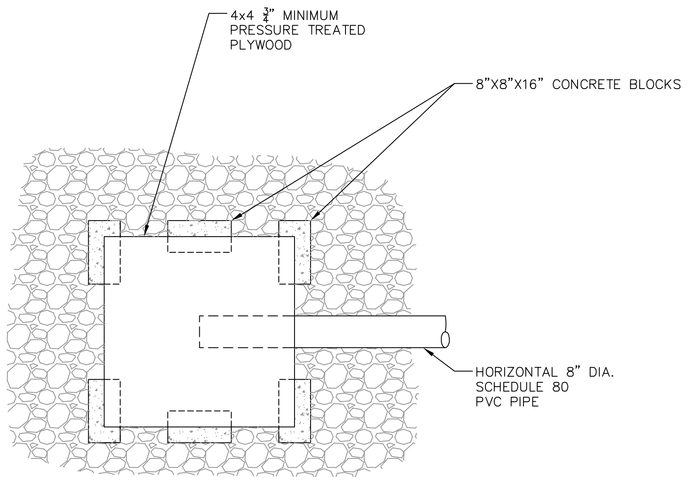
1 EM001 SECTION AT EXISTING FOOTER WALL
N.T.S.



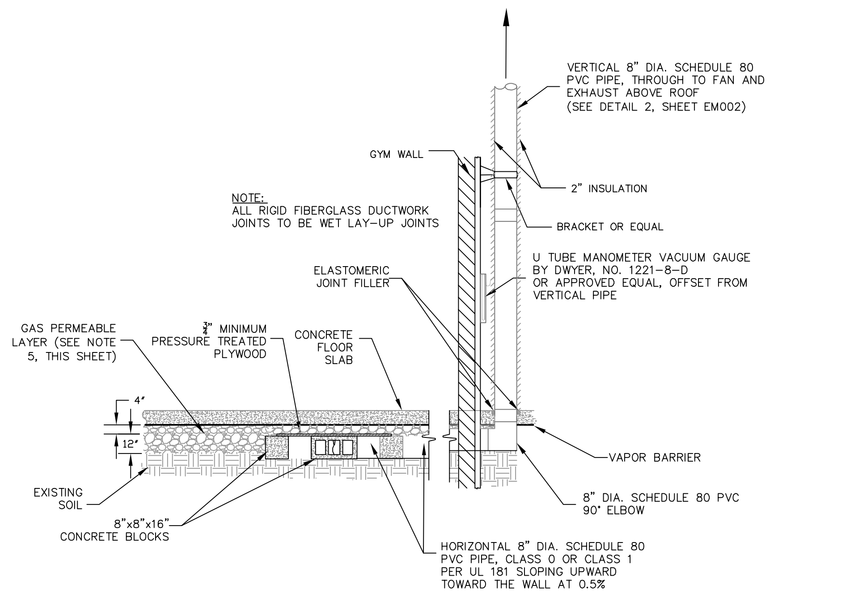
2 EM001 SECTION AT EXISITNG PILE CAP SHOWING WALL PROFILE
N.T.S.



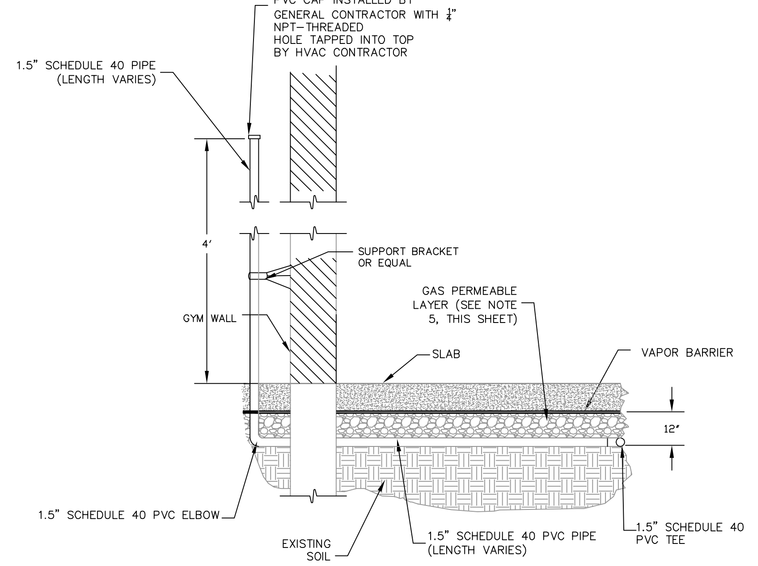
3 EM001 SECTION AT EXISTING PILE CAP SHOWING WALL FACE
N.T.S.



4 EM001 COLLECTION PLENUM BOX
PLAN VIEW (N.T.S.)



5 EM001 COLLECTION PLENUM BOX AND DEPRESSURIZATION PIPE
PROFILE VIEW (N.T.S.)



6 EM001 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE STUB-OUT

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP VAPOR BARRIER OR EQUAL VAPOR BARRIER MEETING ASTM E 1745 CLASS 4.

3. BLASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK OR EQUAL.

4. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

5. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

SHEET EM001

STATE OF NEW YORK · ROBERT L. ALDRICH · No. 058114 · LICENSED PROFESSIONAL ENGINEER

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PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

GYM SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

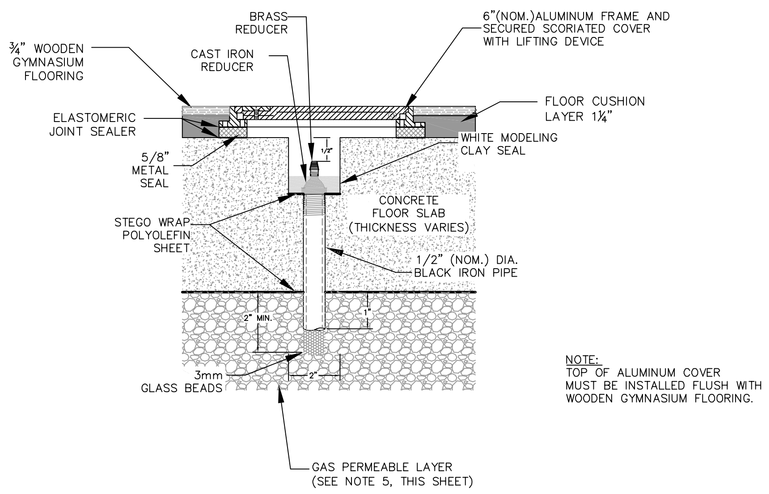
ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

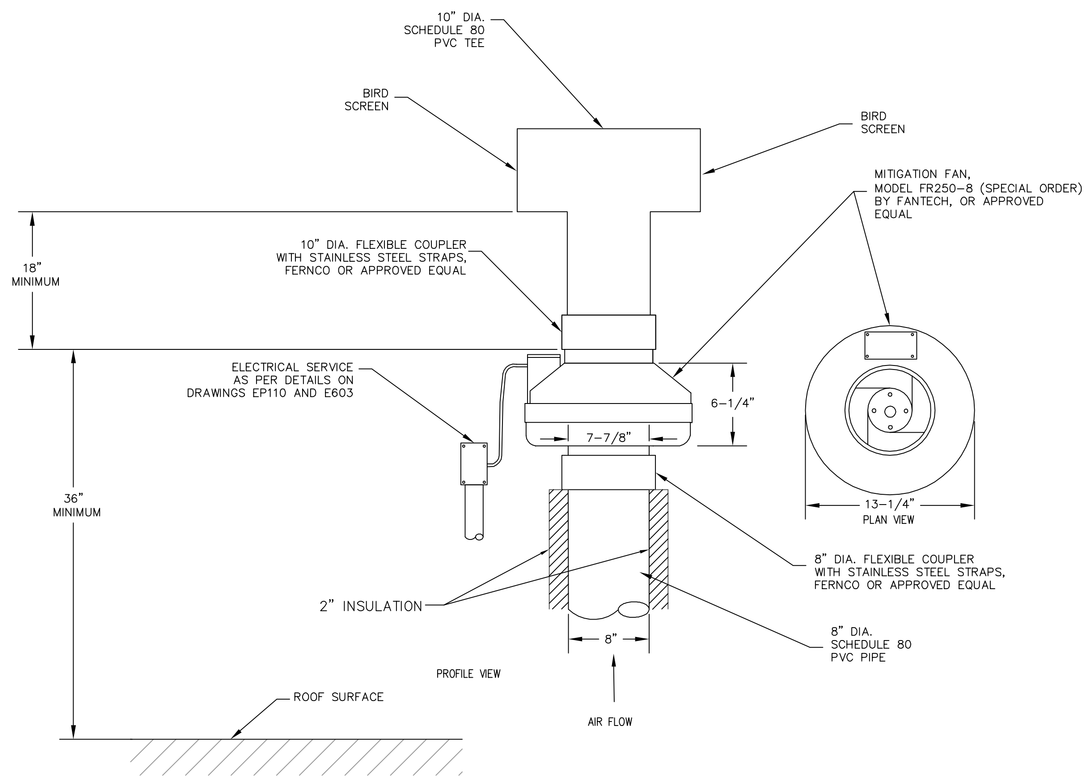
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 5/10/10 | SCALE: N.T.S. | DWG. NO. 28014068 | SHEET 2 OF 3



1 EM002 SUB-SLAB DIFFERENTIAL PRESSURE PIPE FOR FIELD MONITORING
PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250-8

SIDE VIEW

FRONT VIEW

3 EM002 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE INSTALLATION

4 EM002 ROOF PLAN

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP VAPOR BARRIER OR EQUAL VAPOR BARRIER MEETING ASTM E 1745 CLASS 4.

3. BLASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

4. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

5. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

SHEET EM002

STATE OF NEW YORK · ROBERT L. ALDRICH · No. 059770 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

GYM SUB-SLAB DEPRESSURIZATION SYSTEM
DETAILS (CONT.)
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA — CHEMUNG CO., N.Y.

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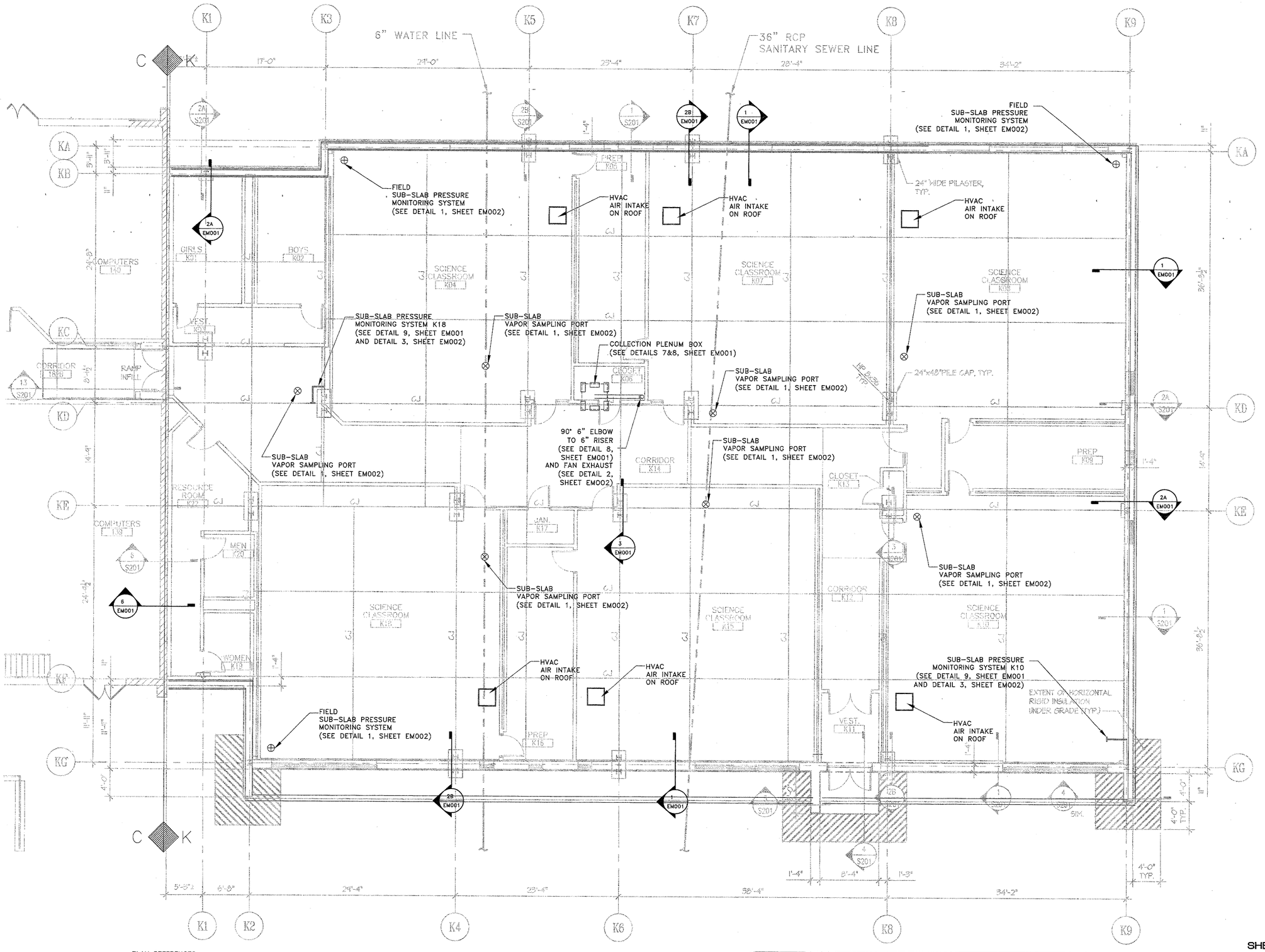
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 5/10/10 | SCALE: N.T.S. | DWG. NO. 28014069 | SHEET 3 OF 3



NOTES:
1) SEE SHEET EM001 FOR PROFILES OF SUB-SLAB PIPE AND PLENUM.

2) SEE SHEET EM001 FOR DETAILS AT WALLS AND PILE CAPS.

3) ROOF TOP EXHAUST MUST BE AT LEAST 25 FEET FROM ANY AIR INTAKE DEVICES.

4) CONTRACTOR TO FIELD ADJUST TO MEET SYSTEM LAYOUT AS SHOWN.

PLAN REFERENCES:
1) BASE PLAN: BY KEYSTONE ASSOCIATES ENTITLED FOUNDATION\FIRST FLOOR PLAN UNIT K, NOTES, DETAILS, SED PROJECT NUMBER 07-06-00-01-0-016-016, DATED OCTOBER 9, 2007.

2) DRAWING: BY KEYSTONE ASSOCIATES ENTITLED SANITARY WASTE & VENT PLAN-UNIT K, SED PROJECT NUMBER 07-06-00-01-0-016-016, DATED OCTOBER 9, 2007.

LEGEND:

DIFFERENTIAL PRESSURE GAUGE PIPING

6" SOLID RIGID FIBERGLASS CLASS 0 OR 1 PER UL 181, WITH WET LAY-UP JOINTS

8"x8"x16" CONCRETE BLOCKS

SHEET EM000

STATE OF NEW YORK — DANIEL L. ALDRICH — No. 085174 — LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/3/09	ADDED HVAC AIR INTAKES, ADDED TO NOTE			
		CONCERNING RISER	JDC	PJK	RLA
2.	4/7/09	ADDED SUB-SLAB VAPOR SAMPLING PORTS IN			
		ROOMS K08 AND K10.	JDC	PJK	

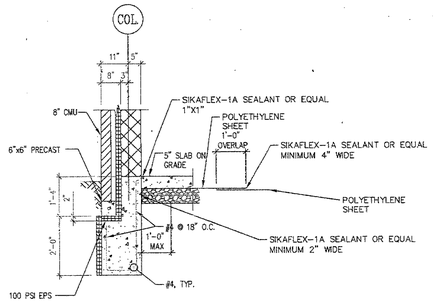
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	R. Aldrich
DATUM:	
CONTOUR INTERVAL =	FEET

3/16"=1'-0"

SUB-SLAB
DEPRESSURIZATION SYSTEM
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA — CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE:	SCALE:	DWG. NO.	SHEET
2/24/09	3/16"=1'-0"	28014045	1 OF 3



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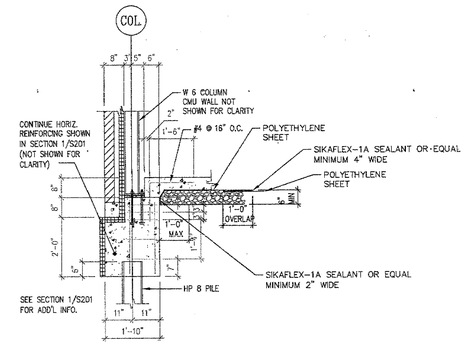
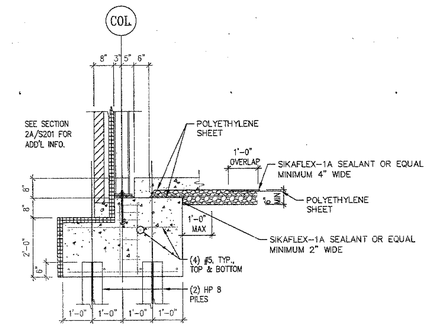
SCALE: 1/2" = 1'-0"



2A EM001 SECTION
SCALE: 1/2" = 1'-0"



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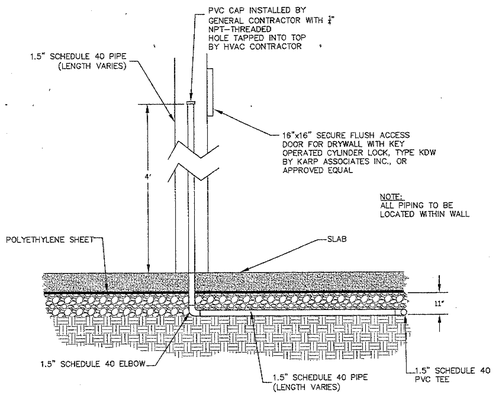
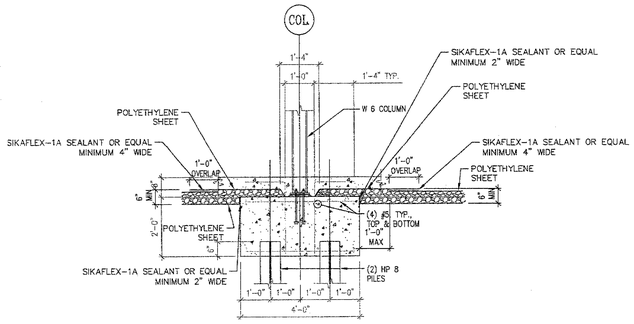
SCALE: 1/2" = 1'-0"



9 EM001 DIFFERENTIAL PRESSURE GAUGE STUB-OUT



3 EM001 SECTION
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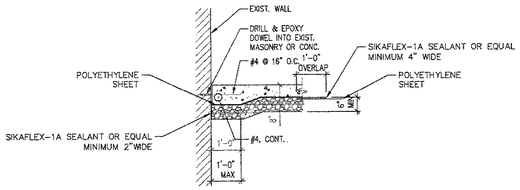
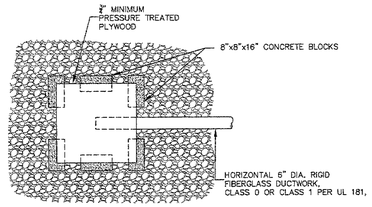
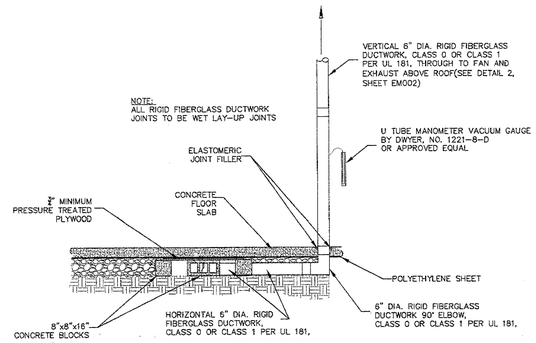


6 EM001 SECTION AT EXIST. BUILDING
SCALE: 1/2" = 1'-0"



7 EM001 COLLECTION PLENUM BOX
PLAN VIEW



8 EM001 COLLECTION PLENUM BOX
PROFILE VIEW

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

PLAN REFERENCES:

DETAILS 1, 2A, 2B, 3 AND 6 FROM DRAWING S201 BY KEYSTONE ASSOCIATES

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

SHEET EM001

STATE OF NEW YORK · RICHARD L. ALDRICH · 082,084 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	ADDED TO NOTE AT DUCTWORK, DETAIL 8.			
		AND ADDED U TUBE MANOMETER	JDC	PJK	

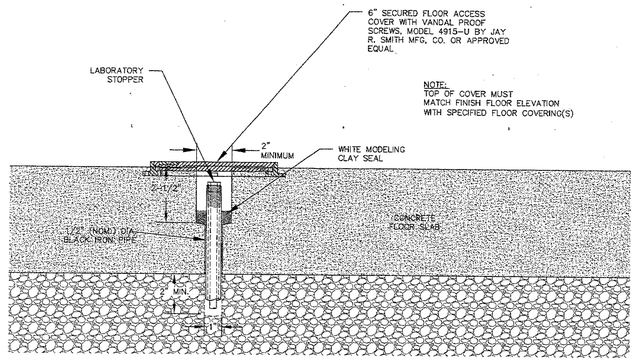
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	R Aldrich
DATUM:	
CONTOUR INTERVAL =	FEET

AS SHOWN

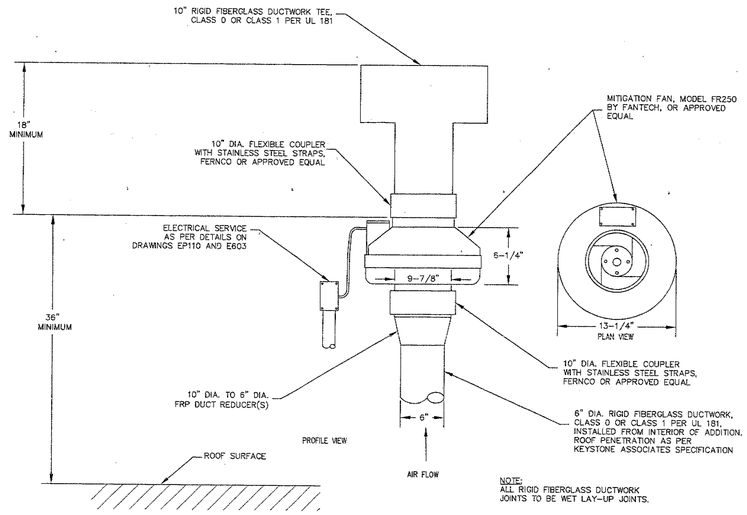
SUB-SLAB DEPRESSURIZATION SYSTEM
CROSS-SECTIONS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

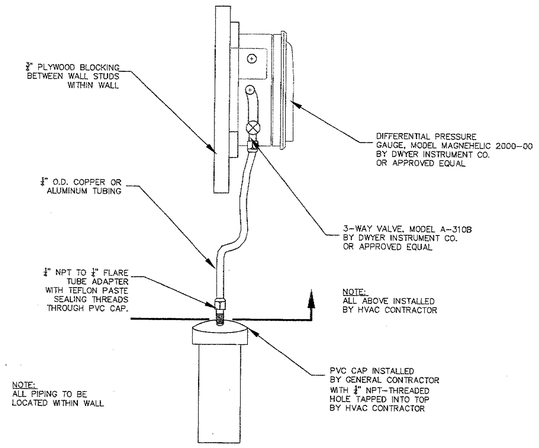
DATE: 2/24/09 | SCALE: AS SHOWN | DWG. NO. 28014046 | SHEET 2 OF 3

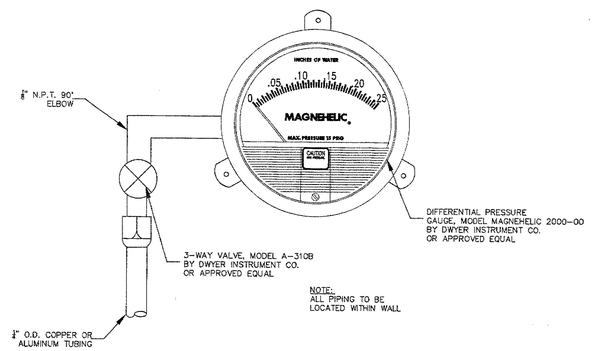


1 EM002 SAMPLE COLLECTION PORT & FIELD SUB-SLAB PRESSURE MONITORING SYSTEM
PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250





3 EM002 DIFFERENTIAL PRESSURE GAUGE INSTALLATION

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

CONCRETE SLAB (AS SPECIFIED BY KEYSTONE ASSOCIATES)

SHEET EM002

STATE OF NEW YORK · ROBERT L. ALDRICH · NO. 085778 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	REVISED TITLE OF DETAIL 1	JDC	PJK	RLA

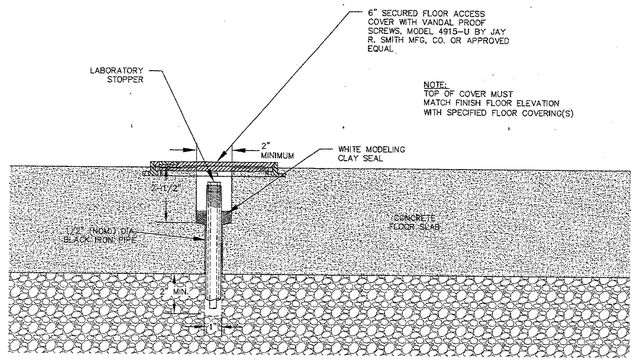
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	RLA
DATUM:	
CONTOUR INTERVAL =	FEET

N.T.S.

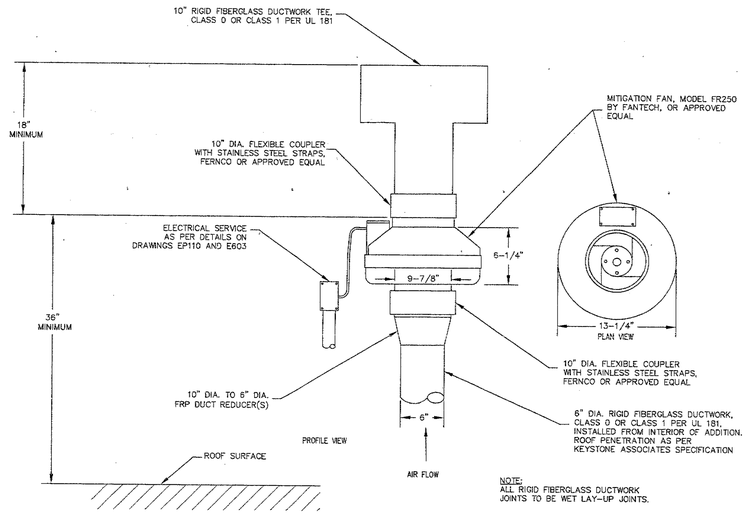
SUB-SLAB DEPRESSURIZATION SYSTEM
PROFILE DETAILS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

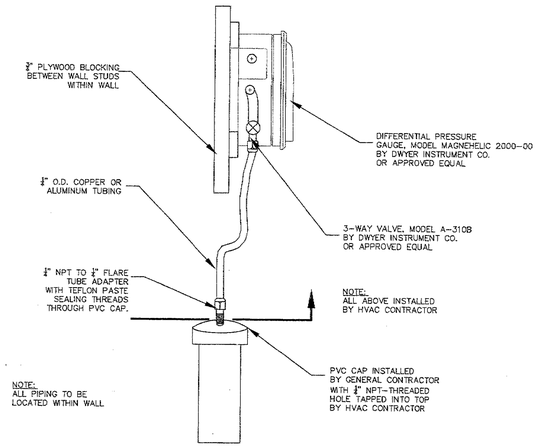
DATE:	2/24/09	SCALE:	N.T.S.	DWG. NO.	28014047	SHEET	3 OF 3

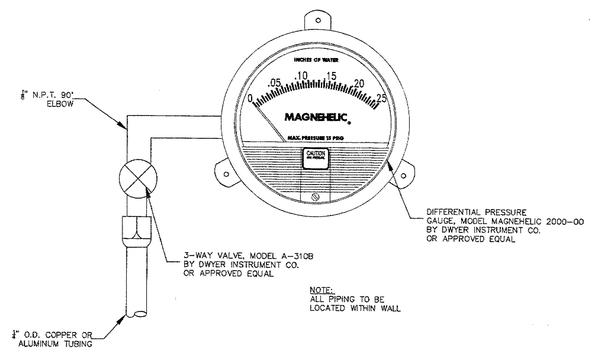


1 EM002 SAMPLE COLLECTION PORT & FIELD SUB-SLAB PRESSURE MONITORING SYSTEM
PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250





3 EM002 DIFFERENTIAL PRESSURE GAUGE INSTALLATION

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

CONCRETE SLAB (AS SPECIFIED BY KEYSTONE ASSOCIATES)

SHEET EM002

STATE OF NEW YORK · ROBERT L. ALDRICH · NO. 085778 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	REVISED TITLE OF DETAIL 1	JDC	PJK	RLA

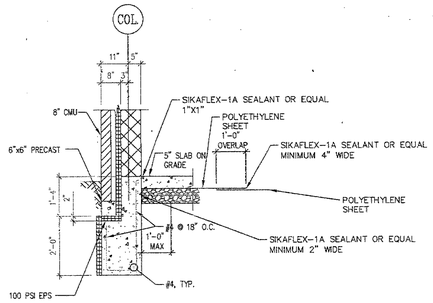
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	RLA
DATUM:	
CONTOUR INTERVAL =	FEET

N.T.S.

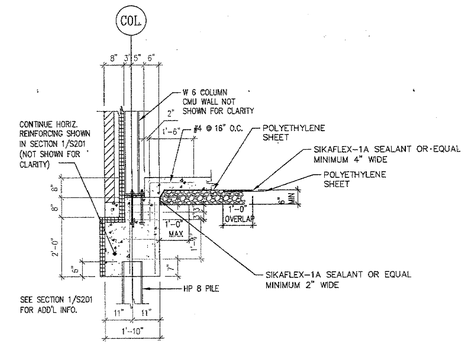
SUB-SLAB DEPRESSURIZATION SYSTEM
PROFILE DETAILS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE:	2/24/09	SCALE:	N.T.S.	DWG. NO.	28014047	SHEET	3 OF 3



1 EM001 SECTION
SCALE: 1/2" = 1'-0"



2A EM001 SECTION
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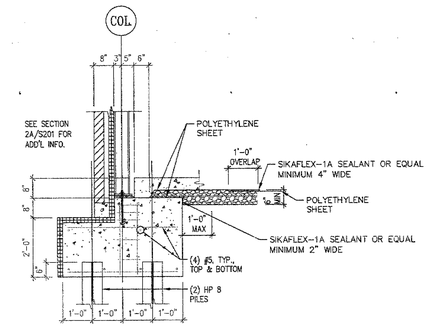

2B EM001 SECTION
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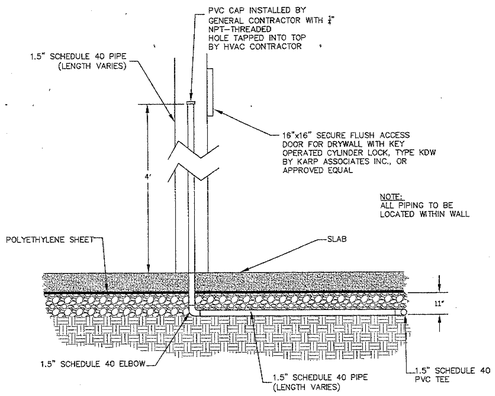
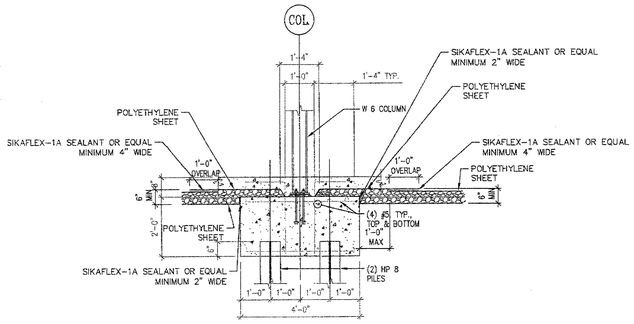
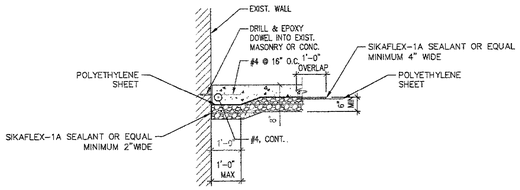


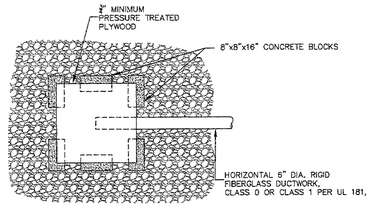
9 EM001 DIFFERENTIAL PRESSURE GAUGE STUB-OUT



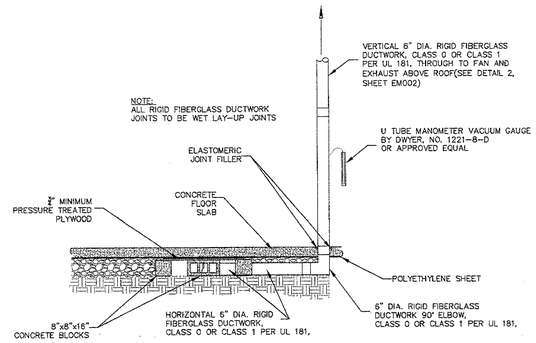
3 EM001 SECTION
SCALE: 1/2" = 1'-0"



6 EM001 SECTION AT EXIST. BUILDING
SCALE: 1/2" = 1'-0"



7 EM001 COLLECTION PLENUM BOX
PLAN VIEW



8 EM001 COLLECTION PLENUM BOX
PROFILE VIEW

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

PLAN REFERENCES:

DETAILS 1, 2A, 2B, 3 AND 6 FROM DRAWING S201 BY KEYSTONE ASSOCIATES

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

SHEET EM001

STATE OF NEW YORK · RICHARD L. ALDRICH · 082,084 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	ADDED TO NOTE AT DUCTWORK, DETAIL 8.			
		AND ADDED U TUBE MANOMETER	JDC	PJK	

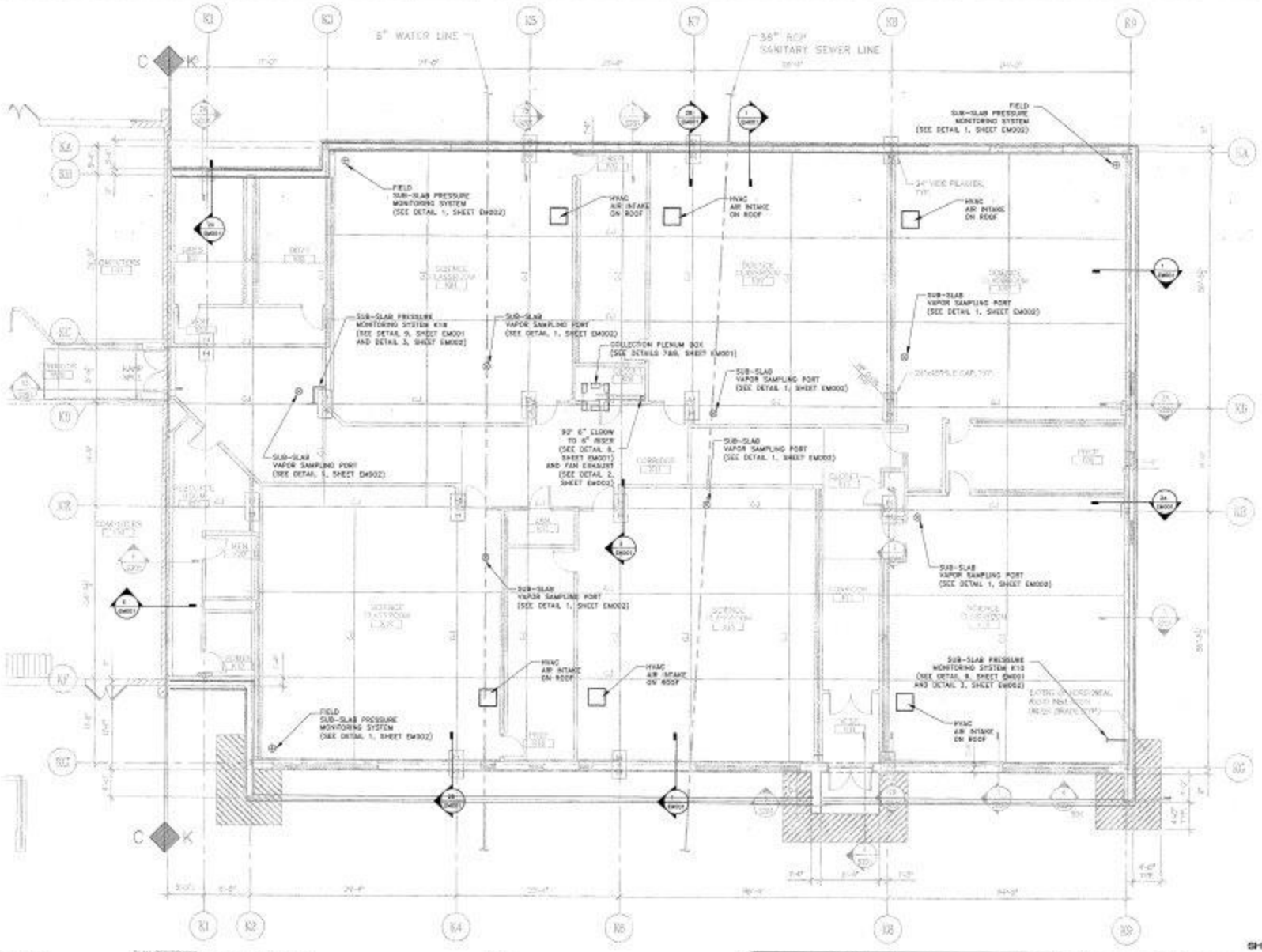
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	R Aldrich
DATUM:	
CONTOUR INTERVAL =	FEET

AS SHOWN

SUB-SLAB DEPRESSURIZATION SYSTEM
CROSS-SECTIONS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 2/24/09 | SCALE: AS SHOWN | DWG. NO. 28014046 | SHEET 2 OF 3



NOTES:
1) SEE SHEET EM001 FOR PROFILES OF SUB-SLAB PIPE AND PLENUM.

2) SEE SHEET EM001 FOR DETAILS AT WALLS AND PILE CAPS.

3) ROOF TOP EXHAUST MUST BE AT LEAST 2ft FEET FROM ANY AIR INTAKE DEVICES.

4) CONTRACTOR TO FIELD ADJUST TO MEET SYSTEM LAYOUT AS SHOWN.

PLAN REFERENCES:
1) BASE PLAN: BY KEYSTONE ASSOCIATES ENTITLED FOUNDATION/FIRST FLOOR PLAN UNIT K, NOTES, DETAILS, SED PROJECT NUMBER 07-06-00-01-3-018-01K, DATED OCTOBER 8, 2007.

2) DRAWING: BY KEYSTONE ASSOCIATES ENTITLED SANITARY WASTE & VENT PLAN-UNIT K, SED PROJECT NUMBER 07-06-00-01-3-018-01K, DATED OCTOBER 8, 2007.

LEGEND:

DIFFERENTIAL PRESSURE GAUGE PIPING

6" SOLID SCH 80 FIBERGLASS CLASS D OR 1 PER UL 181, WITH WET LAY-UP JOINTS

8"x8"x16" CONCRETE BLOCKS

SHEET EM000

NO.	DATE	RECORD OF WORK	DRN	CKD	APPD
1	4/25/08	ADDED HVAC AIR INTAKES, ADDED "B" NOTE			
		UNDERGROUND WORK	JEC	PJR	RLK
2	4/17/08	ADDED SUB-SLAB VAPOR SAMPLING PORTS #9			
		TRENCH WORK AND VP-9	JEC	PJR	RLK

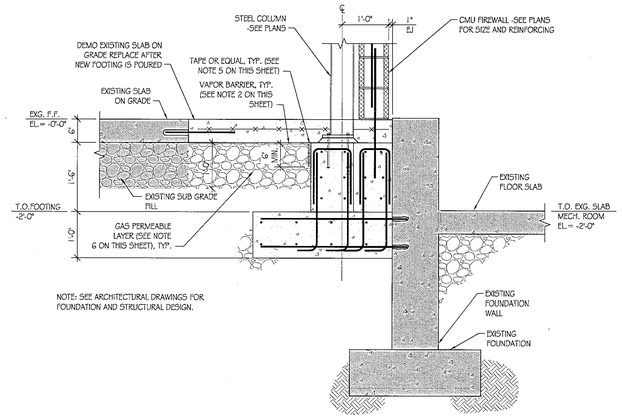
PROJECT
MECH. ENGR.: P.J. Hanna, P.E.
PROJ. NO.: 3001
PREPARED BY: P.J. Hanna, P.E.
DRAWN BY: J.D. Crooks
REVIEWED BY: P.J. Hanna, P.E.
APPROVED BY: R. Kilmartin
SCALE:
CONTOUR INTERVAL =

3/16"=1'-0"

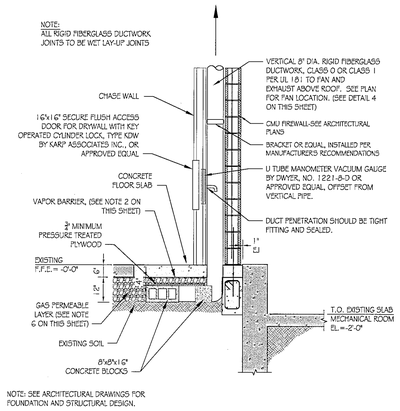
SUB-SLAB DEPRESSURIZATION SYSTEM
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
3 West Red Oak Lane, White Plains, New York 10604

DATE: 3/24/08 SCALE: 3/16"=1'-0" DWG. NO.: Elmira EM001 SHEET 1 OF 2

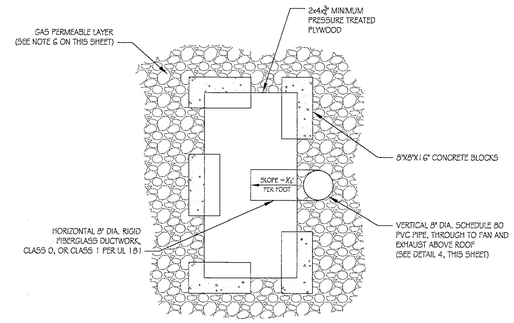


1 / EM004 FOUNDATION DETAIL (PHASE II)
PROFILE VIEW (N.T.S.)

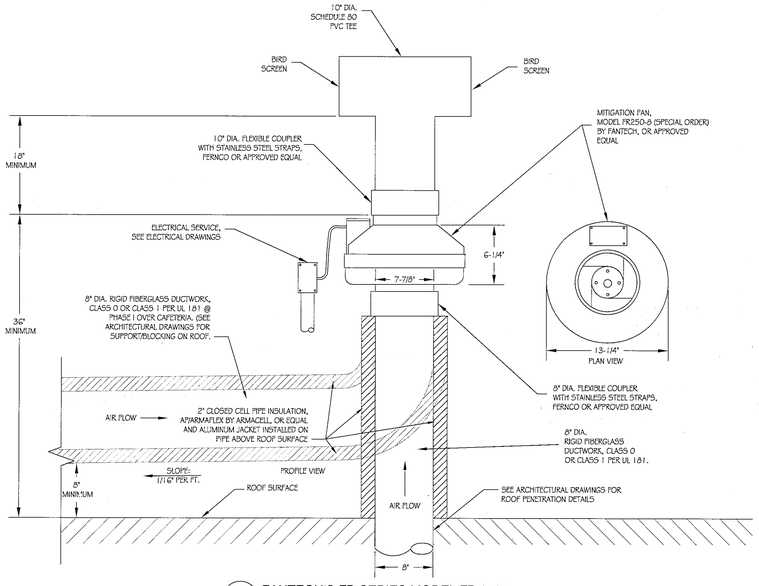


NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION AND STRUCTURAL DESIGN.

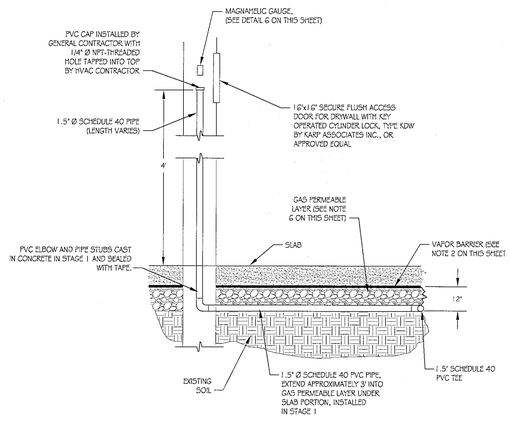
2 / EM004 COLLECTION PLENUM BOX AND DEPRESSURIZATION PIPE
PROFILE VIEW (N.T.S.)



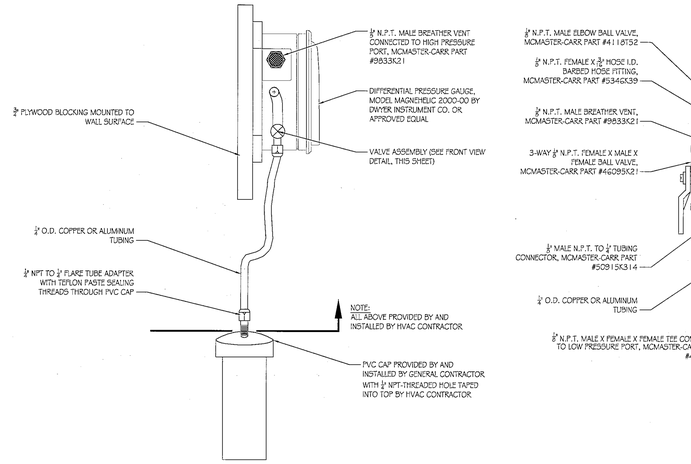
3 / EM004 COLLECTION PLENUM BOX
PLAN VIEW (N.T.S.)



4 / EM004 FANTECH'S FR SERIES MODEL FR 250-8
PROFILE VIEW (N.T.S.)



5 / EM004 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE STUB-OUT
PROFILE VIEW (N.T.S.)



6 / EM004 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE INSTALLATION
(N.T.S.)

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL 15 MIL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS OF VAPOR BARRIER NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER PLACED IN TRENCH AS BACKFILL WILL BE CLEAN CRUSHED STONE OR CLEAN CRUSHED GRAVEL MEETING AASHTO M43 SIZE NO. 57 SPECIFICATIONS.

7. SEE THIS SHEET FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM004

STATE OF NEW YORK — ROBERT L. ALDRICH — No. 068778 — LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

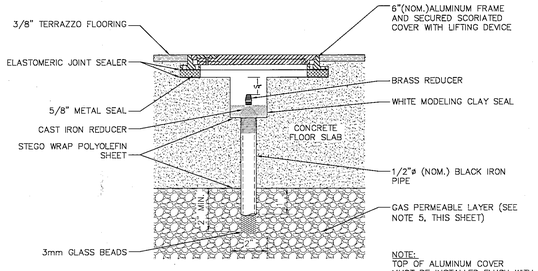
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM
DETAILS - PHASE II
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

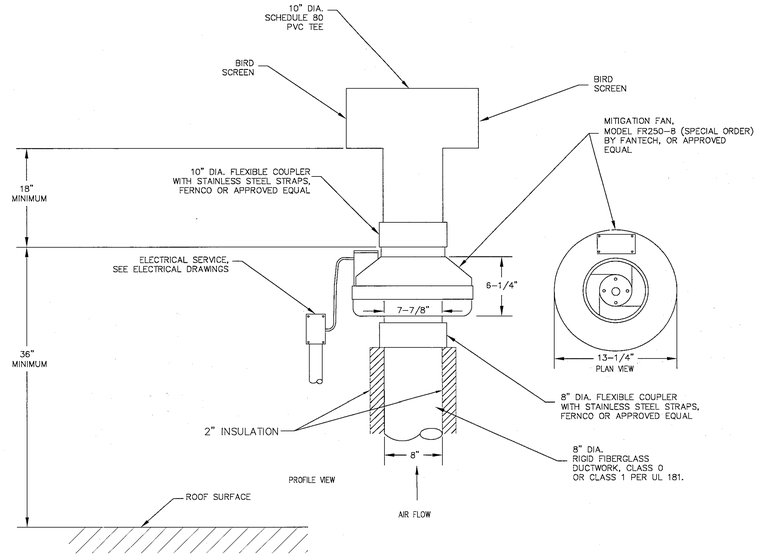
STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 12/9/13 | SCALE: N.T.S. | DWG. NO. 28014094 | SHEET 2 OF 2

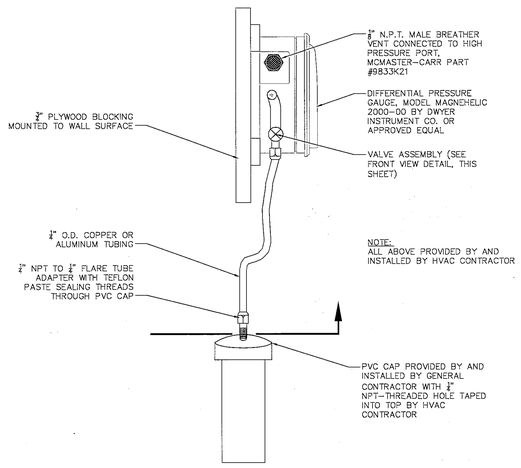


1 EM002 SUB-SLAB DIFFERENTIAL PRESSURE PIPE FOR FIELD MONITORING

PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250-8



3 EM002 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE INSTALLATION

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

7. SEE DETAIL SHEET EM001 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM002

STATE OF NEW YORK · JOSEPH L. FLORIO · No. 056775 · LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR.

PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS (CONT.)

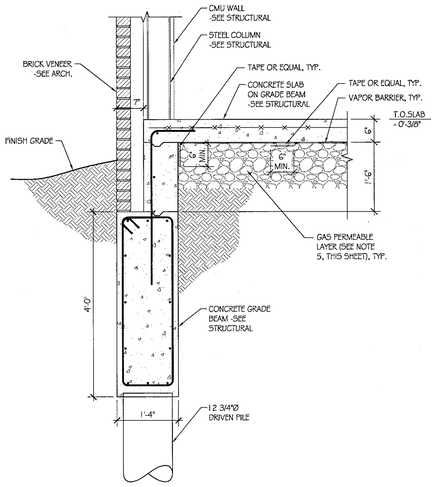
ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

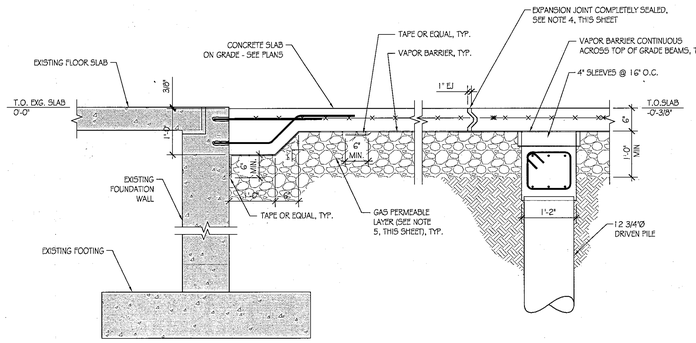
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

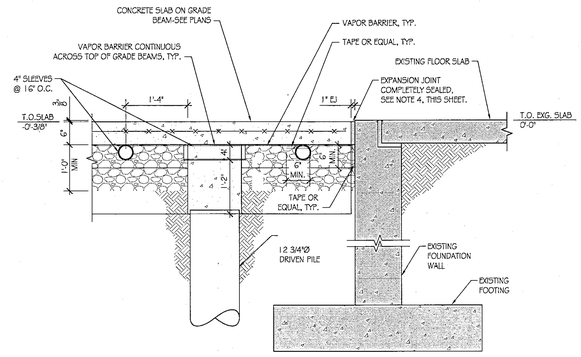
DATE:	SCALE:	DWG. NO.	SHEET
2/26/13	N.T.S.	28014086	3 OF 3



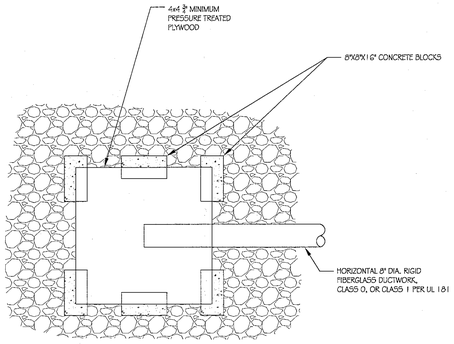
1 EM001 GRADE BEAM AND PILE DETAIL
N.T.S.



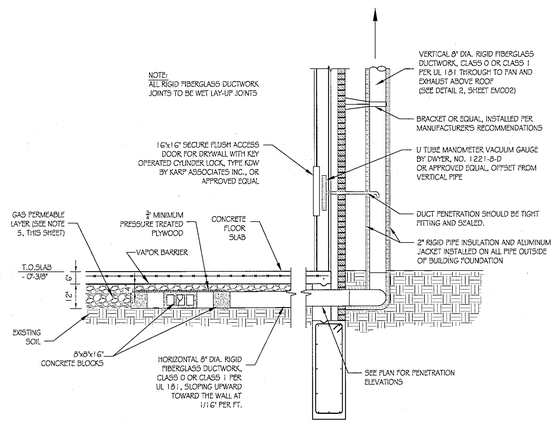
2 EM001 GRADE BEAM AND PILE DETAIL
N.T.S.



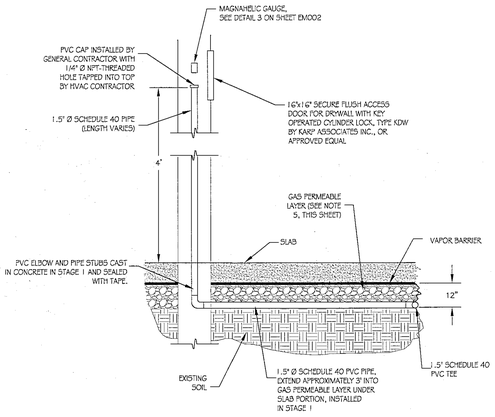
3 EM001 GRADE BEAM AND PILE DETAIL
N.T.S.



4 EM001 COLLECTION PLENUM BOX
PLAN VIEW (N.T.S.)



5 EM001 COLLECTION PLENUM BOX AND DEPRESSURIZATION PIPE
PROFILE VIEW (N.T.S.)



6 EM001 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE STUB-OUT
PROFILE VIEW (N.T.S.)

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

7. SEE DETAIL SHEET EM001 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM001

STATE OF NEW YORK
ROBERT L. ALDRICH
No. 088779
LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

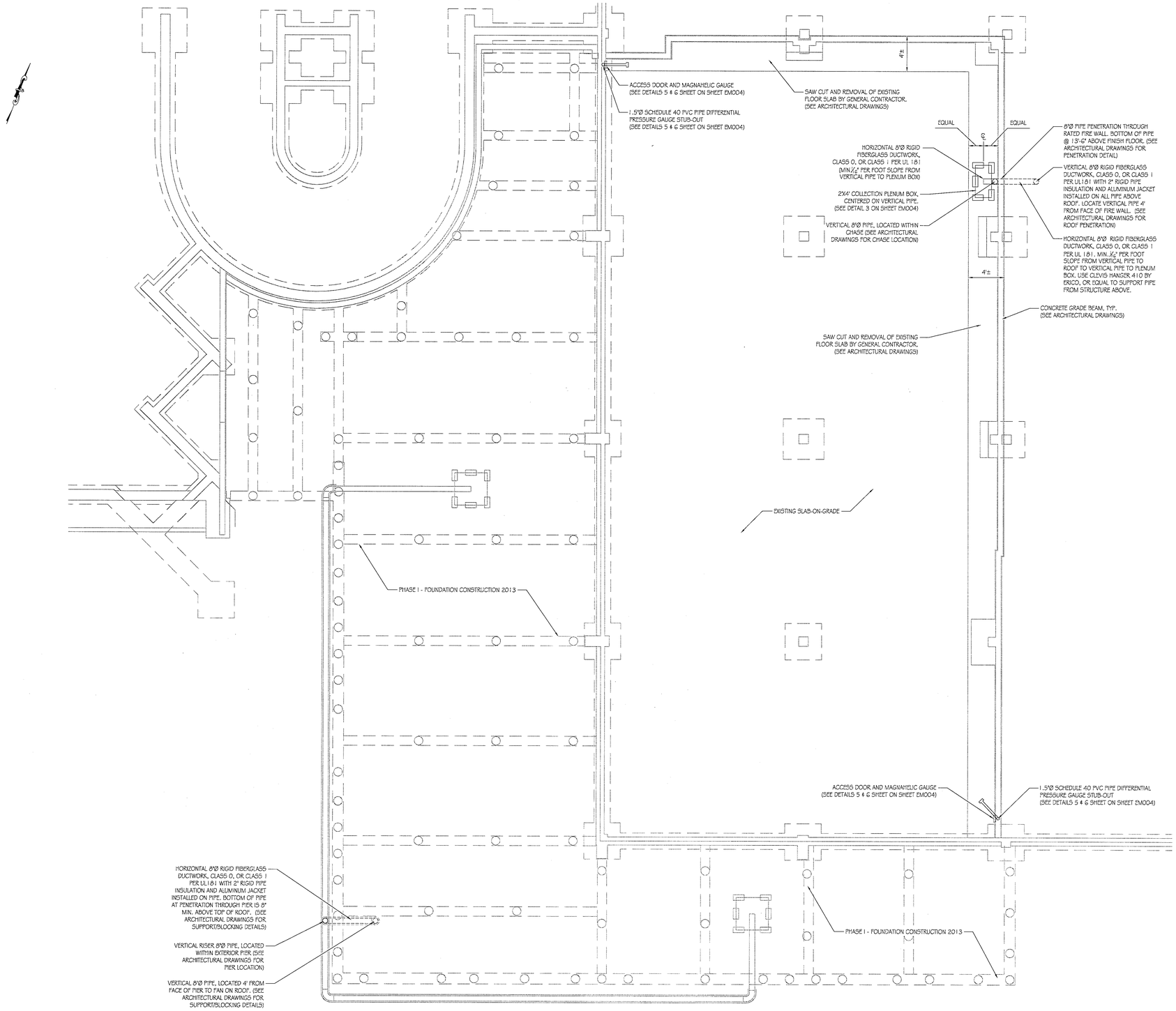
ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 2/26/13 | SCALE: N.T.S. | DWG. NO. 28014085 | SHEET 2 OF 3



PLAN VIEW
SCALE: 3/16" = 1'-0"

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL 15 MIL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS OF VAPOR BARRIER NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER PLACED IN TRENCH AS BACKFILL WILL BE CLEAN CRUSHED STONE OR CLEAN CRUSHED GRAVEL MEETING AASHTO M43 SIZE NO. 57 SPECIFICATIONS.

7. SEE DETAIL SHEET EM004 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM003

STATE OF NEW YORK · RONALD L. ALDRICH · LICENSED PROFESSIONAL ENGINEER · No. 058779

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

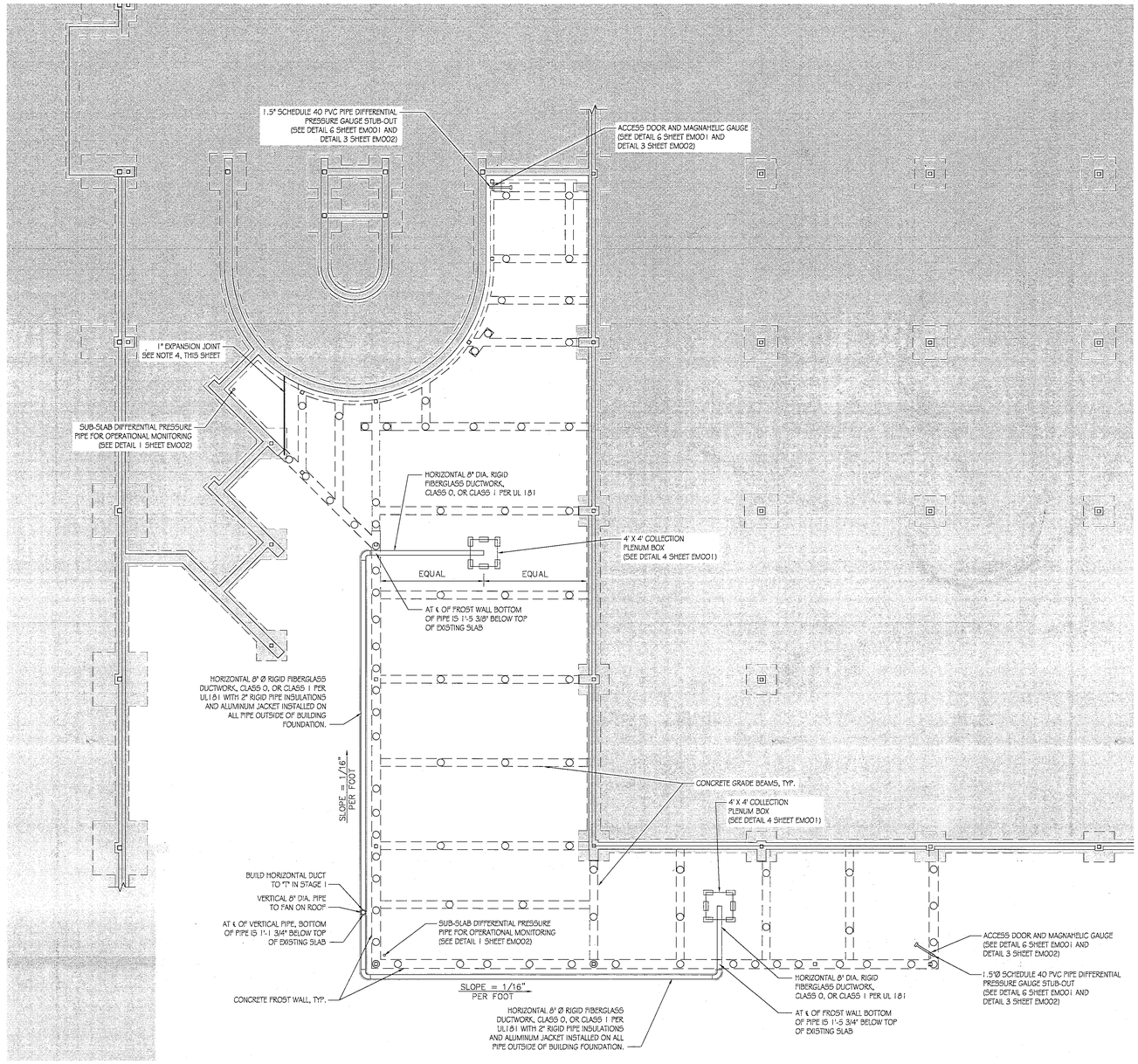
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

0 8 16 32
(IN FEET)
1/16 inch = 1 ft.

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM
PLAN VIEW - PHASE II
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 12/9/13 | SCALE: 3/16"=1'-0" | DWG. NO. 28014093 | SHEET 1 OF 2



NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

7. SEE DETAIL SHEET EM001 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM000

STATE OF NEW YORK · JERRY L. ALDRICH · 080174 · LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM
PLAN VIEW

ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

CITY OF ELMIRA — CHEMUNG CO., N.Y.

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

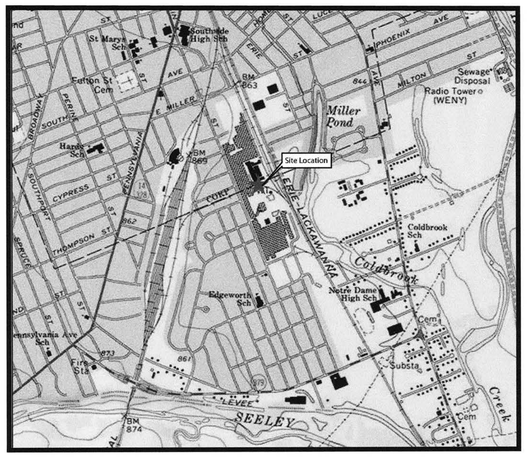
DATE:	2/28/13	SCALE:	N.T.S.	DWG. NO.	28014084	SHEET	1 OF 3

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS

ELMIRA HIGH SCHOOL

777 SOUTH MAIN STREET, ELMIRA, NEW YORK

OCTOBER 2014



LOCATION MAPS

INDEX OF DRAWINGS

DRAWING NO.	TITLE
GENERAL:	
G–1	COVER AND INDEX DRAWING
VENTING:	
V–1	VAPOR MITIGATION SYSTEM SCHEMATIC – FIRST FLOOR PLAN
V–2	VAPOR MITIGATION SYSTEM SCHEMATIC – SECOND FLOOR PLAN
V–3	VAPOR MITIGATION SYSTEM SCHEMATIC – ROOF PLAN
V–4	DETAILS 1 OF 2
V–5	DETAILS 2 OF 2

PREPARED FOR:

UNISYS CORPORATION

CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD
MS F1B05
EAGAN, MN 55121

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	08/14	WW
2	AS–BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

STATE OF NEW YORK — PETER A. KRASNOPOLER — 089954-1 — LICENSED PROFESSIONAL ENGINEER
10/3/14

COVER AND INDEX OF DRAWINGS

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS–BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: G–1 COVER.DWG

DRAWING NO. G-1

R:\Vapor Intrusion Solutions\MN1622\CAD\Sheet Files\AS-BUILT\G-1 Cover.dwg 10-03-14 10:33:14 AM SCallegos

SP-1
SP-2
SP-3
SP-4
TEE WITH CAPPED PIPE
1
V-4
2
V-4
3
V-4
4
V-4
6
V-5
7
V-5
REFER TO DRAWING MP106 FOR CONTINUATION OF PIPING
REFER TO DRAWING MP107 FOR CONTINUATION OF PIPING
UP TO SECOND FLOOR REFER TO DRAWING MP106 FOR CONTINUATION OF PIPING
ROUTE PIPING DOWN FACE OF WALL CONCEAL WITHIN SHEETROCK SOFFIT, PAINT TO MATCH ADJACENT WALL FINISH.
PIPE GUIDE (TYP)
PIPE ANCHOR (TYP)
2'-0" EXPANSION LOOP
1.5'-0" EXPANSION LOOP
UNIT CFM TYPICAL
CFM FLOW (TYP)
4" CMP/HWS
2-1/2" CMP/HWS
1-1/4" SMR
3/4" SMR
1" SMR
SMR/HWS
CMP/HWS
CMP/HWS
CMP

LEGEND:

● 4 INCH RISER PIPE LOCATION AND ROOF PENETRATION LOCATION

KEY PLAN - SECOND FLOOR
SCALE: NONE
NORTH

SCALE
15 0 15 FEET

REFERENCE:
BASE FILE SECOND FLOOR PLAN PROVIDED BY WEEKS ENGINEERING, TITLED "ELECTRICAL DEMOLITION - UNIT H", SHEET # ED108, PROJECT NO. 1060.11406.1, DATED 10/09/2007, CAD FILE NO. 1060114061_ED108.DWG.

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

STATE OF NEW YORK
ARON A. KRASNOPOLER
089954-1
LICENSED PROFESSIONAL ENGINEER

VAPOR MITIGATION SYSTEM SCHEMATIC – SECOND FLOOR PLAN

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

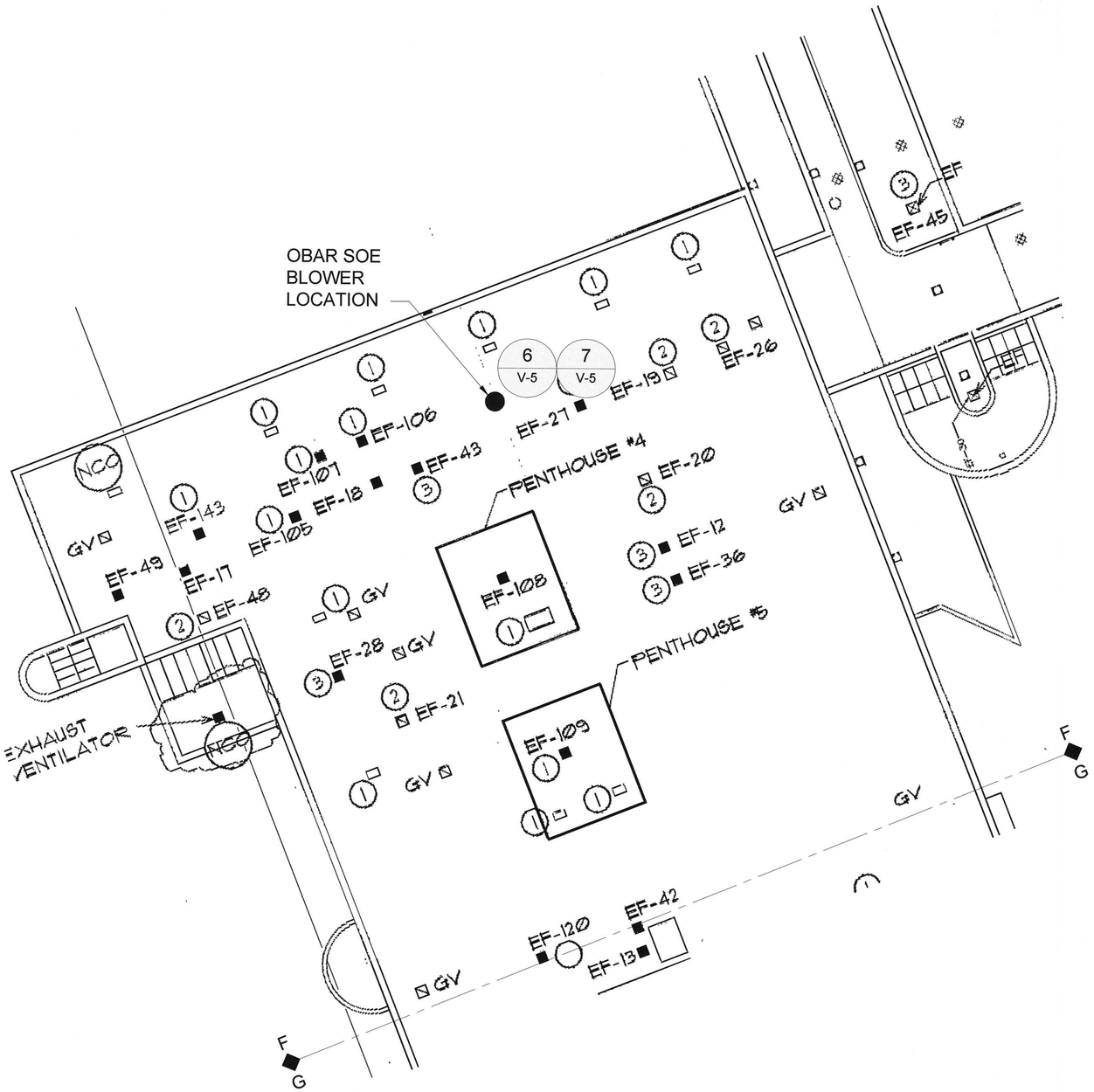
DES BY: PN	DATE:	OCTOBER 2014
DRN BY: SCG	SCALE:	AS SHOWN
CHK BY: EL	PROJECT:	MN0832
REV BY: WW	DOCUMENT:	
APP BY: AK		
FILE: V-2 MITIGATION SYSTEM SCHEMATIC - SECOND FLOOR PLAN.DWG		

DRAWING NO.
V-2

R:\Vapor Intrusion Solutions\NR1622\CAD\Sheet Files\AS-BUILT\V-2 Mitigation System Schematic - Second Floor Plan.dwg 10-03-14 10:38:28 AM Scallegos

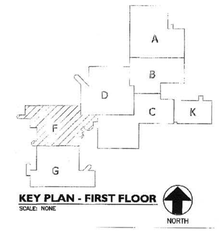
LEGEND:

● 4 INCH RISER PIPE LOCATION AND ROOF PENETRATION LOCATION



REFERENCE:

BASE FILE FLOOR PLAN PROVIDED BY WEEKS ENGINEERING, TITLED "ROOF PLAN", SHEET # A101, PROJECT NO. 1060.11406.1, DATED 10/09/2007, CAD FILE NO. 1060114061_A101.DWG.



KEY PLAN - FIRST FLOOR
SCALE: NONE
NORTH

SCALE
15 0 15 FEET

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

STATE OF NEW YORK · ARON I. KRASNOPOLER · 089954-1 · LICENSED PROFESSIONAL ENGINEER

10/3/14

VAPOR MITIGATION SYSTEM SCHEMATIC – ROOF PLAN

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: V-3 MITIGATION SYSTEM SCHEMATIC - ROOF PLAN.DWG

DRAWING NO.
V-3

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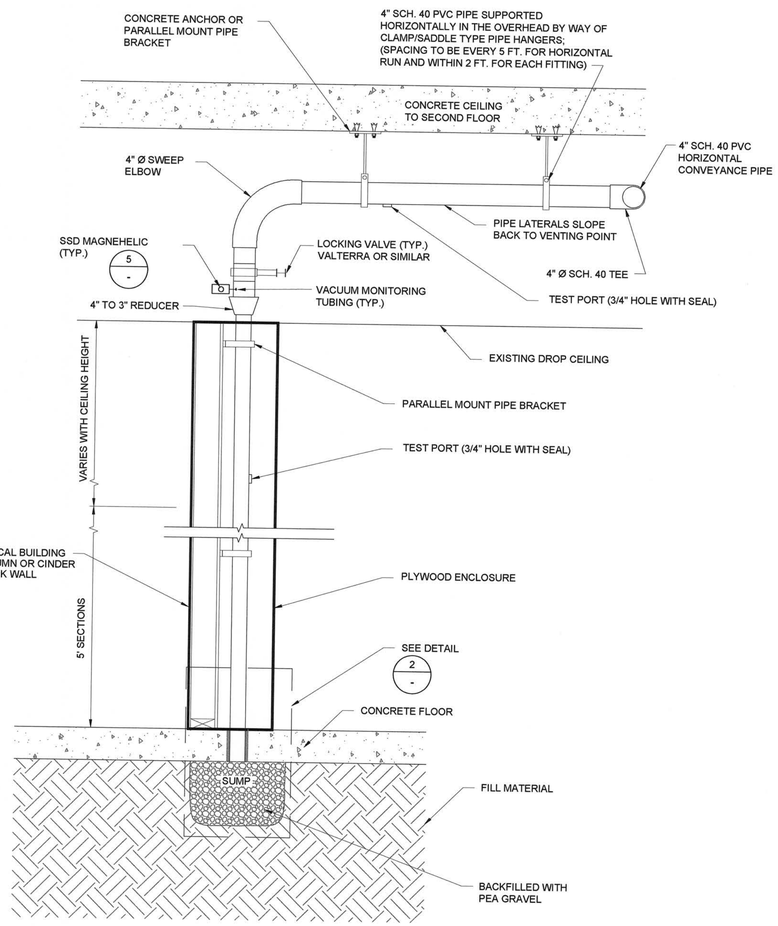
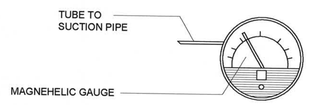


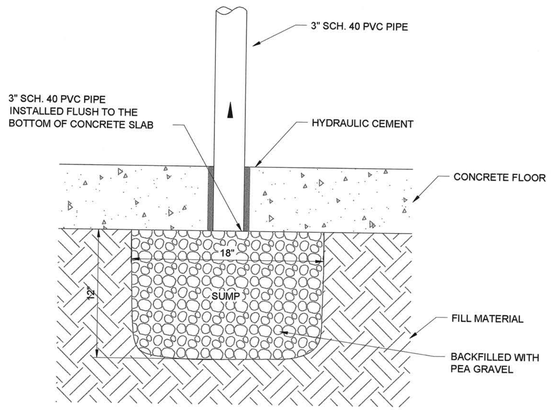
SUCTION POINT SP-1

DETAIL 1 / V-1

N.T.S.



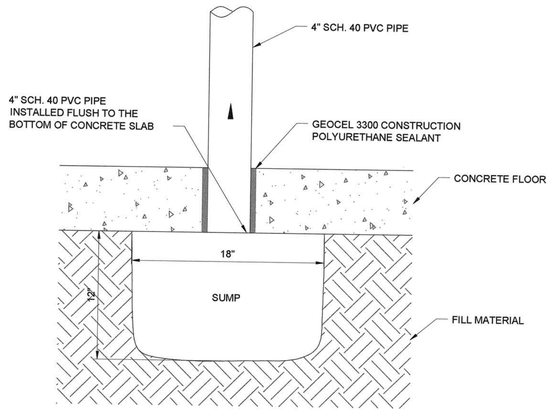
LOW PRESSURE SENSOR MAGNEHELIC DIAGRAM 5 / -



SUMP AND VERTICAL PIPE: SUCTION POINT SP-1

DETAIL 2 / V-1

N.T.S.



SUMP AND VERTICAL PIPE: SUCTION POINTS SP-2, SP-3 AND SP-4

DETAIL 4 / V-1

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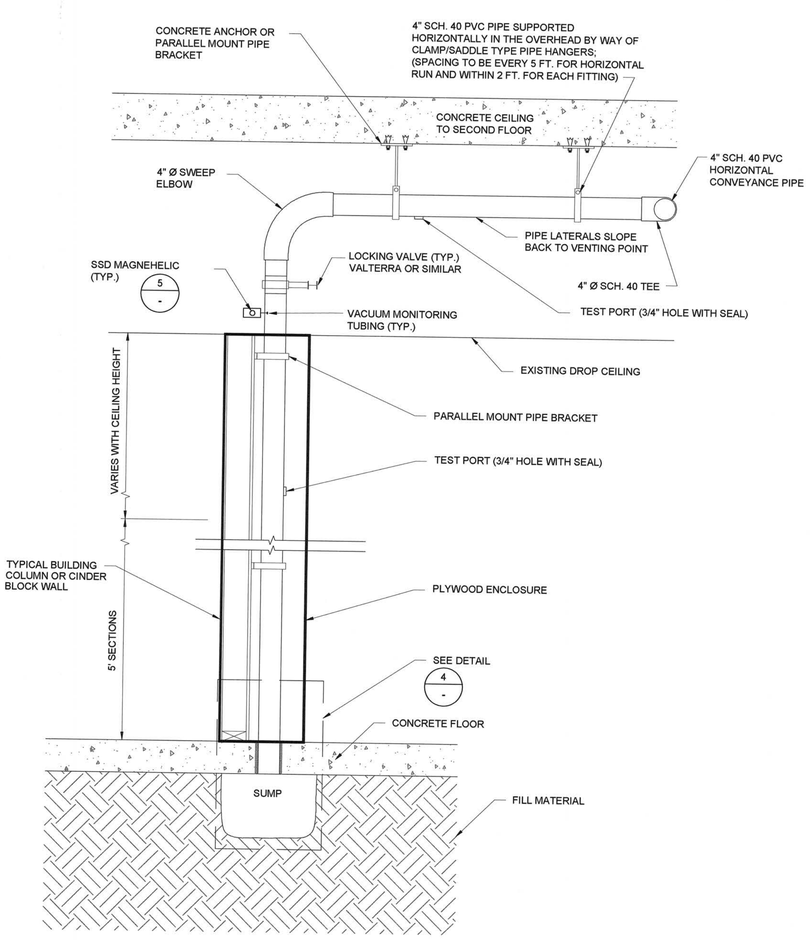

SUCTION POINTS SP-2, SP-3 AND SP-4

DETAIL 3 / V-1

N.T.S.

0 1" 2"

ORIGINAL SCALE

IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	08/14	WW
2	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

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130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

6/3/14

STATE OF NEW YORK ARON A. KRASNOPOLER 069954-1 LICENSED PROFESSIONAL ENGINEER

DETAILS 1 OF 2

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: V-4 AND V-5 DETAILS.DWG

DRAWING NO. V-4

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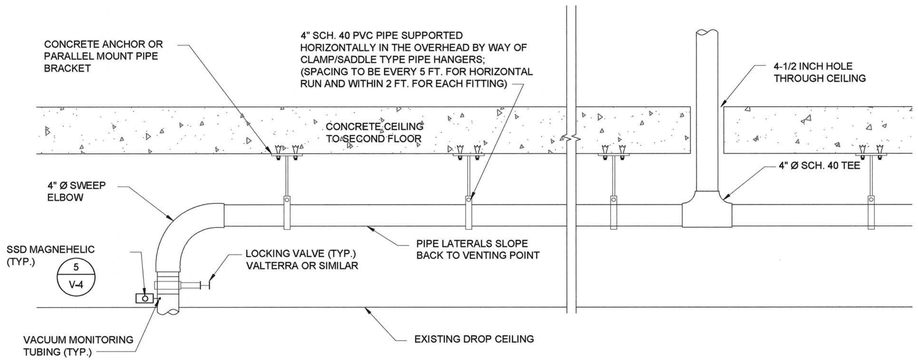
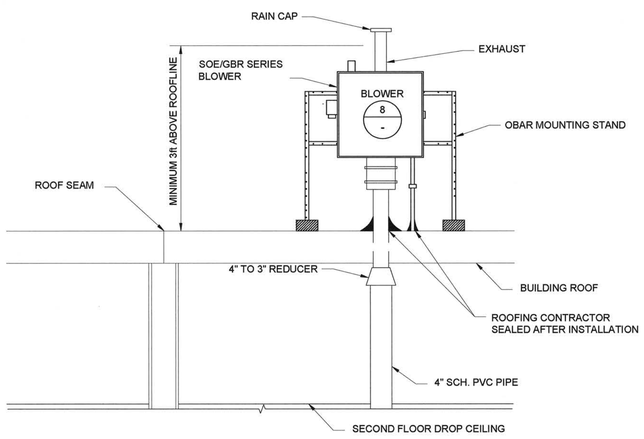


CEILING/FLOOR PENETRATION (TYP)

DETAIL 7 (V-1) 7 (V-2) 7 (V-3)

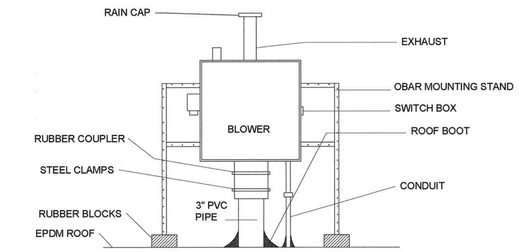
N.T.S.



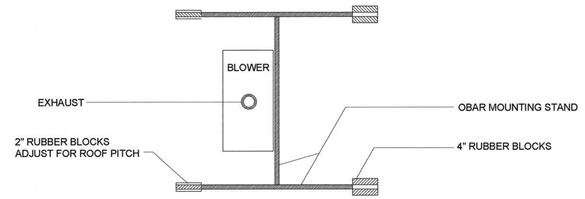
CEILING/ROOF PENETRATION

DETAIL 6 (V-1) 6 (V-2) 6 (V-3)

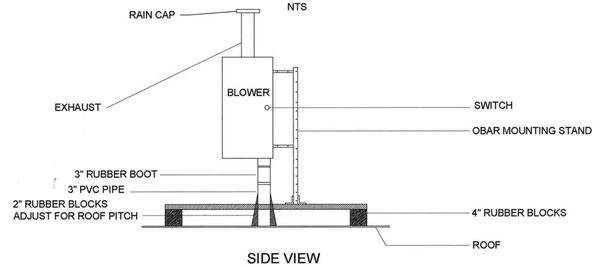
N.T.S.



FRONT VIEW
NTS



TOP VIEW
NTS



SIDE VIEW
NTS

SOE/GBR SERIES BLOWER ROOF MOUNT DETAIL

DETAIL 8 (-)

N.T.S.

R:\Vapor Intrusion Solutions\WI1623\CAD\Sheet Files\AS-BUILT\V-4 and V-5 Details.dwg 10-03-14 10:59:40 AM Scellegos

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	08/14	WW
2	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

10/3/14

STATE OF NEW YORK JASON A. KRASNOPOLER 099954-1 LICENSED PROFESSIONAL ENGINEER

DETAILS 2 OF 2

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: V-4 AND V-5 DETAILS.DWG

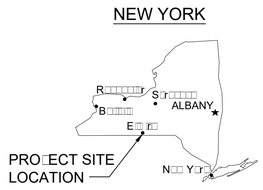
DRAWING NO. V-5

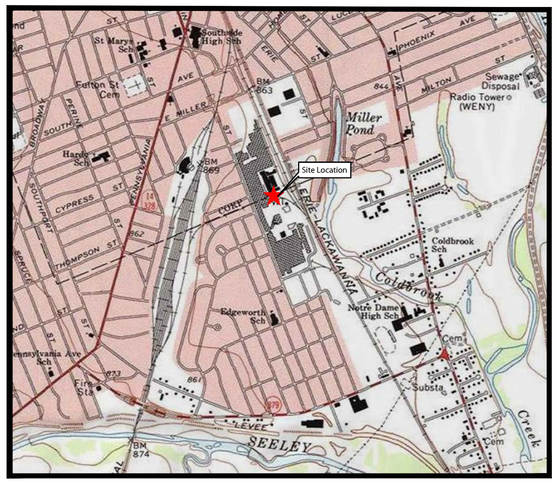
VAPOR MITIGATION SYSTEM AS BUILT DRAWINGS

FORMER SPERRY REMINGTON SITE - NORTH PORTION

777 SOUTH MAIN STREET, ELMIRA, NEW YORK

OCTOBER 2018

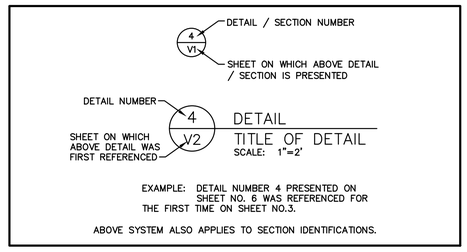




LOCATION MAPS

INDEX OF DRAWINGS

DRAWING NO.	TITLE
GENERAL:	
G–1	COVER AND INDEX DRAWING
V–1	VAPOR MITIGATION SYSTEM SCHEMATIC – FIRST FLOOR PLAN
V–2	DETAILS



DETAIL / SECTION IDENTIFICATION LEGEND

PREPARED FOR:

UNISYS CORPORATION

CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD
MS F1B05
EAGAN, MN 55121

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS			
NO.	DESCRIPTION	DATE	BY

AS BUILT DRAWINGS

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants
10211 Wincopin Circle
4th Floor
Columbia, MD 21044
Phone: 410 381 4333

10/[illegible]/2018

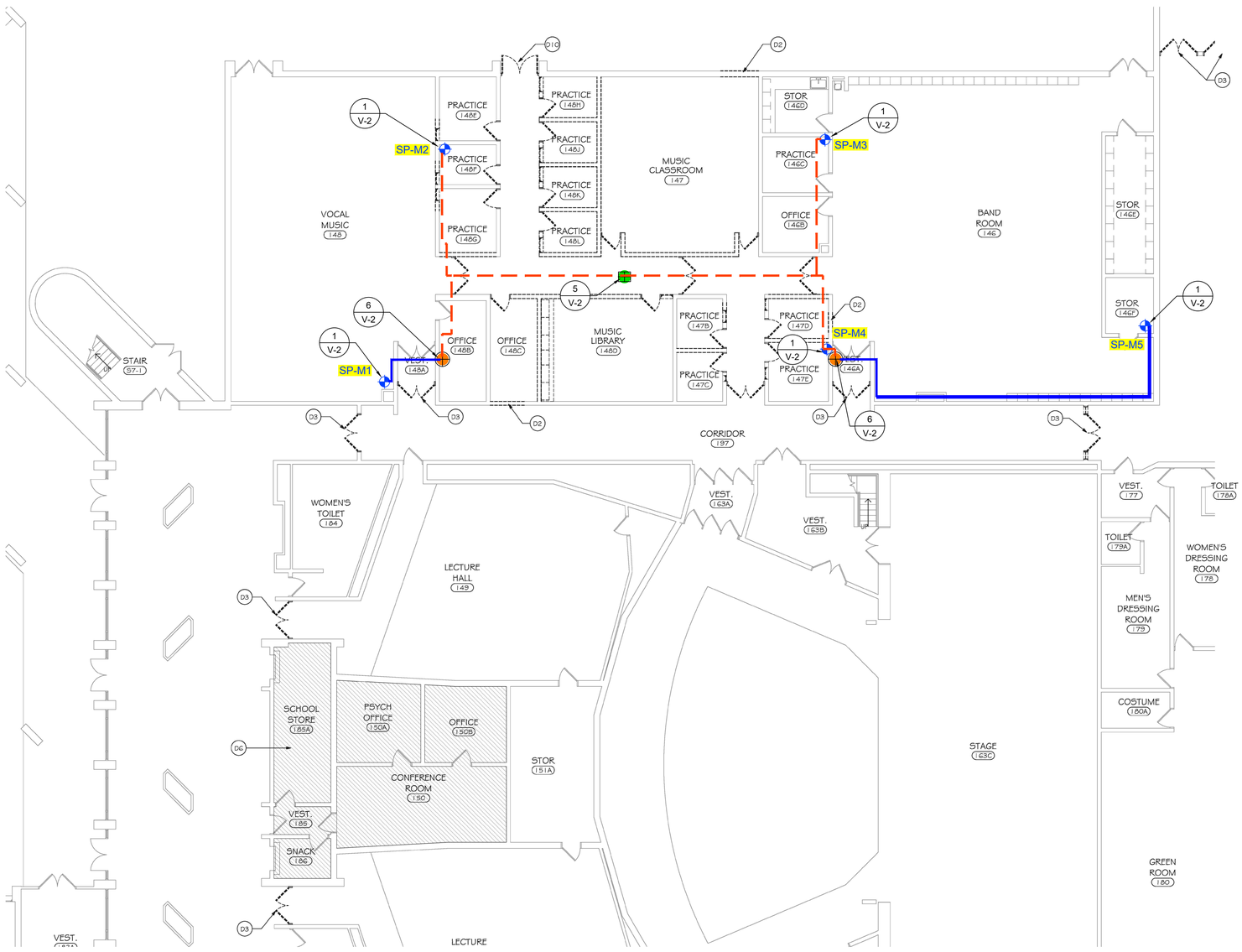
COVER AND INDEX OF DRAWINGS

VAPOR MITIGATION SYSTEM
FORMER SPERRY REMMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET, ELMIRA, NY 14904

MUSIC WING MITIGATION SYSTEM DESIGN	
DES BY: EL	DATE: OCTOBER 2018
DRN BY: RK	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832D
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: AS BLT G-1 COVER.DWG

DRAWING NO. G-1

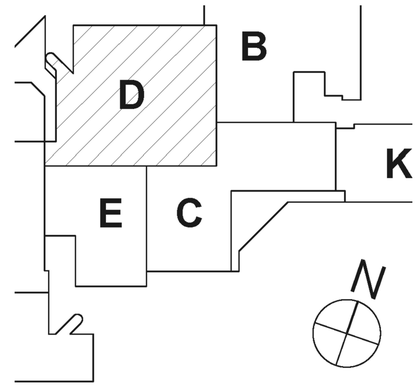
T:\Projects_CADD\E\ELMIRA_HS – NY\DRAWINGS\AS BLT_G-1 Cover.dwg 10-01-18 01:06:20 PM rkohlstrom



LEGEND

- SUCTION POINT LOCATION
- FIRST FLOOR CEILING PENETRATION LOCATION
- ROOF PENETRATION AND SSD FAN LOCATION
- FIRST FLOOR PIPE ROUTE
- SECOND FLOOR PIPE ROUTE

0 10'
SCALE IN FEET
APPROXIMATE



KEY PLAN

REFERENCE:

BASE FILE FLOOR PLAN FROM A PDF FILE PREPARED BY HUNT ENGINEERS / ARCHITECTS / SURVEYORS TITLED " FIRST FLOOR DEMO PLAN - AREA D" NO DATE LISTED.

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS			
NO.	DESCRIPTION	DATE	BY

AS BUILT DRAWINGS

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants
10211 Wincopin Circle
4th Floor
Columbia, MD 21044
Phone: 410 381 4333

STATE OF NEW YORK · JASON A. KRASNOPOLER · SIGNATURE · 29985AA · LICENSED PROFESSIONAL ENGINEER

VAPOR MITIGATION SYSTEM SCHEMATIC – FIRST FLOOR PLAN

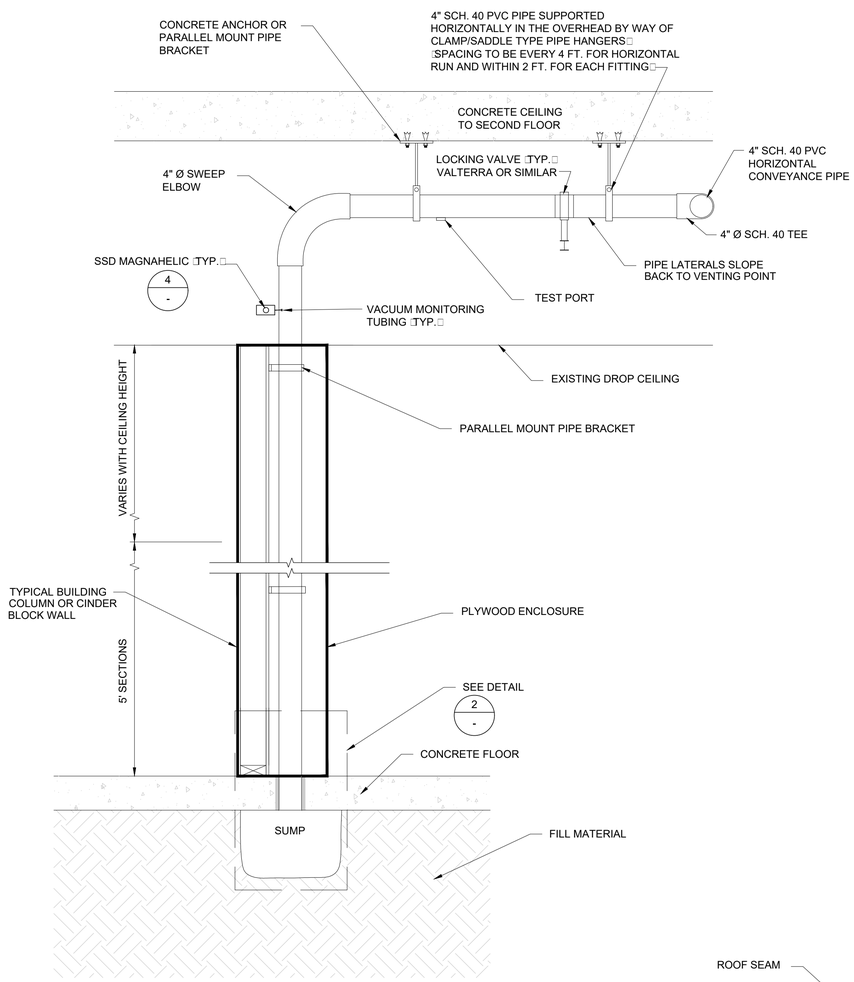
VAPOR MITIGATION SYSTEM
FORMER SPERRY REMMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET, ELMIRA, NY 14904

MUSIC WING MITIGATION SYSTEM DESIGN

DES BY: EL	DATE: OCTOBER 2018
DRN BY: RK	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832D
REV BY: WW	DOCUMENT:
APP BY: AK	
FILE:	

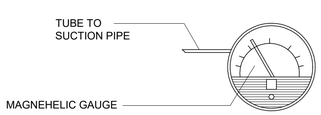
DRAWING NO.
V-1

T:\Projects\...CAD0\E\ELMIRA_HS – NY\DRAWINGS\AS BLT_V-1.dwg 10-01-18 01:07:07 PM rkohlstrom

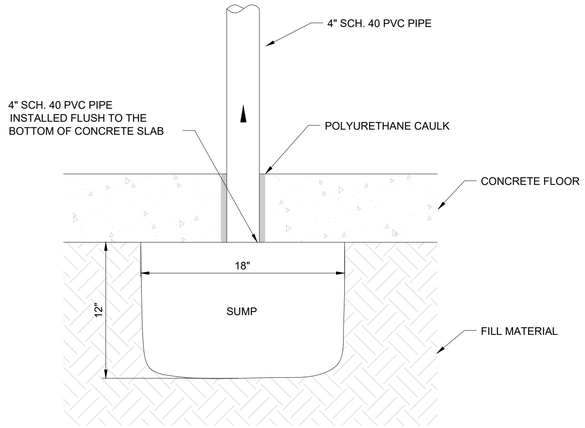


SUCTION POINTS

DETAIL 1 / N.T.S. V-1

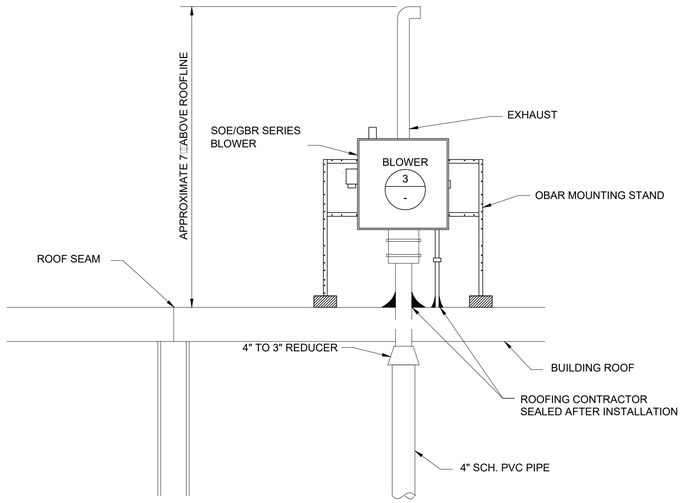


4 - DETAIL LOW PRESSURE SENSOR MAGNEHELIC DIAGRAM



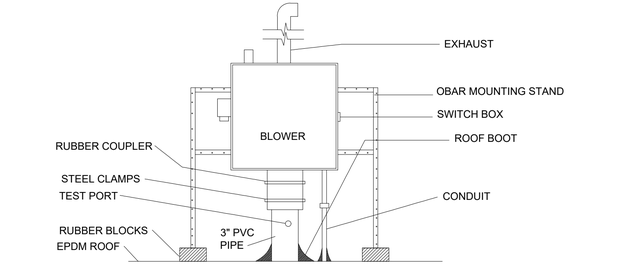
SUMP AND VERTICAL PIPE:

DETAIL 2 / N.T.S. -

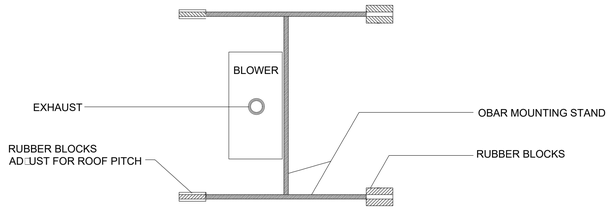


CEILING/ROOF PENETRATION

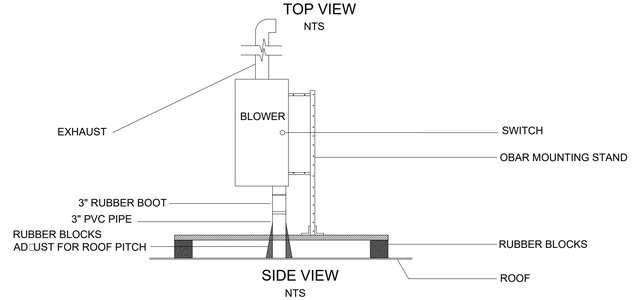
DETAIL 5 / N.T.S. V-1



FRONT VIEW
NTS



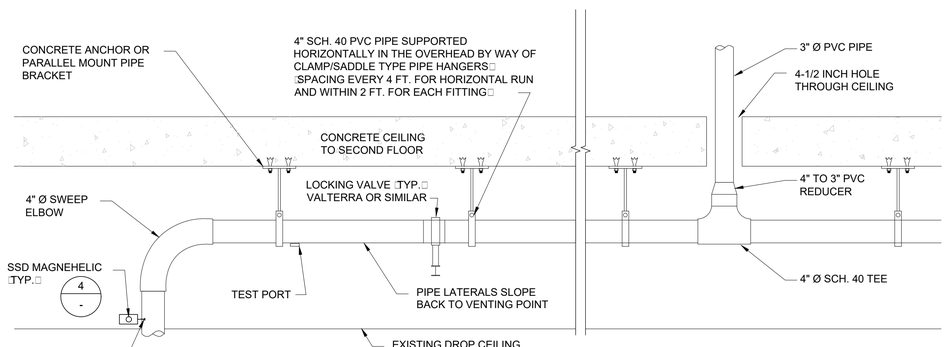
TOP VIEW
NTS



SIDE VIEW
NTS

SOE/GBR SERIES BLOWER ROOF MOUNT DETAIL

DETAIL 3 / N.T.S. -



CEILING/FLOOR PENETRATION □TYP□

DETAIL 6 / N.T.S. V-1

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY

AS BUILT DRAWINGS

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants
10211 Wincopin Circle
4th Floor
Columbia, MD 21044
Phone: 410 381 4333

STATE OF NEW YORK · JASON A. KRASNOPOLER · 089954 · LICENSED PROFESSIONAL ENGINEER · SIGNATURE
10/5/2018

DETAILS

VAPOR MITIGATION SYSTEM
FORMER SPERRY REMMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET, ELMIRA, NY 14904

MUSIC WING MITIGATION SYSTEM DESIGN

DES BY: EL	DATE: OCTOBER 2018
DRN BY: RK	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832D
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: AS BLT_V-2 DETAILS.DWG

DRAWING NO. V-2

T:\Projects_CADD\E\ELMIRA_HS – NY\DRAWINGS\AS BLT_V-2 Details.dwg 10-01-18 01:08:01 PM rkohlstrom

APPENDIX J
SITE MANAGEMENT FORMS

SITE INSPECTION FORM B & B Engineers & Geologists of New York

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

1. Inspection

	STATUS			COMMENTS
	ADEQUATE	NEEDS ATTENTION	N/A	
PERMANENT COVER SYSTEMS				
Asphalt - Inspect for cracks, potholes, and other penetrations				
Concrete - Inspect for cracks, spalling and loose concrete				
Vegetated areas - Inspect for signs of erosion and bare soil				
Building floor slabs - Inspect for cracks, new and unsealed penetrations of concrete floor-slab				
TEMPORARY COVER SYSTEMS				
Mulch Beds - Inspect for min. 2 ft of cover and weeds				

2. Indicate corrective actions taken for any and all deficiences noted above, who accomplished and date completed

3. Attach photographs to this report and include description of each photograph and date.

SITE INSPECTION FORM B & B Engineers & Geologists of New York

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

1. Inspection

	STATUS			COMMENTS
	ADEQUATE	NEEDS ATTENTION	N/A	
VAPOR BARRIERS				
K Wing				
Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				
Gymnasium				
Inspect Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
Inspect Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				

2. Indicate corrective actions taken for any and all deficiences noted above, who accomplished and date completed
N/A

3. Attach photographs to this report and include description of each photograph and date.

SITE INSPECTION FORM B & B Engineers & Geologists of New York

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

1. Inspection

		STATUS ADEQUATE	NEEDS ATTENTION	N/A	COMMENTS
SUB-SLAB DEPRESSURIZATION SYSTEM					
K Wing					
Inspect	Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
Inspect	Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				
Gymnasium					
Inspect	Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
	Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				
F-Wing					
	Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
	Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				
Music Wing					
	Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
	Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				
Cafeteria					
	Inspect for new cracks, spalling, loose concrete, holes or objects newly penetrating concrete (Note Location):				
	Inspect for gaps in joint searler, crack sealer, and sealer at penetration (Note Location):				

2. Indicate corrective actions taken for any and all deficiences noted above, who accomplished and date completed
N/A

3. Attach photographs to this report and include description of each photograph and date.

SITE INSPECTION FORM B & B Engineers & Geologists of New York

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

1. Inspection

	STATUS			COMMENTS
	ADEQUATE	NEEDS ATTENTION	N/A	
GROUNDWATER MONITORING NETWORK				
Inspect groundwater monitoring network visually for well condition (Note Location):				

2. Indicate corrective actions taken for any and all deficiences noted above, who accomplished and date completed
N/A

3. Attach photographs to this report and include description of each photograph and date.

MONITORING WELL NETWORK
INSPECTION FORM

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

			Location						F-M	Stickup			
Well ID	**Location**	**Type**	**Is well readily accesible?**	**Is well in a protected area?[1]**	**Is well head free of waste, stored chemicals, etc.?**	**Is concrete surface seal in good condition (i.e., no cracks)?**	**Is the seal secure against the casing and ground surface?**	**Is the seal sloped away from the well head?**	**Is the manhole cover in good conditon?**	**Is the external casing in good condition?**	**Is external casing locked?**	**Is lock in good condition (i.e., no severe rust)?**	**Comments**
MW-8S	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-8I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-9	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-10	East of Gym	flush-mount PVC	NA	NA	NA	NA	Y / N	Y / N	NA	NA	NA	NA	
MW-11D	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-11S	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-12	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-13	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-16	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-30	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-31	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-32	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-33	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-34	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-36	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-37	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-38	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	NA	
MW-39	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-40	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-41	Offsite - East of Gym	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-42	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-43	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-44	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-47	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-48R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-50R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-51	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-53	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-54R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-56	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-57R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-58	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-59IR	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-59SR	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-60R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-62R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-63I	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-63S	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-64I	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-64S	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-65R	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-66I	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-66S	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-70I	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-70S	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-71I	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	

MONITORING WELL NETWORK
INSPECTION FORM

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

			Location						F-M	Stickup			
Well ID	**Location**	**Type**	**Is well readily accesible?**	**Is well in a protected area?[1]**	**Is well head free of waste, stored chemicals, etc.?**	**Is concrete surface seal in good condition (i.e., no cracks)?**	**Is the seal secure against the casing and ground surface?**	**Is the seal sloped away from the well head?**	**Is the manhole cover in good conditon?**	**Is the external casing in good condition?**	**Is external casing locked?**	**Is lock in good condition (i.e., no severe rust)?**	**Comments**
MW-71S	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-72I	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-72S	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-73I	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-73S	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-74I	Southern Entranceway	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-74S	Southern Entranceway	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-75I	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-75S	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-76I	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-76S	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-77I	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-77S	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-78I	Tennis Court Area	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-78S	Tennis Court Area	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-79I	Tennis Court Area	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-79S	Tennis Court Area	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-81I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-82S	South Parking Lot	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-83I	Southern Entranceway	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-83S	Southern Entranceway	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-84S	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-85I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-86I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-87I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-88I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-88S	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-89I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-89S	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-90I	Courtyard	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-90S	Courtyard	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-91I	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-91S	South Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-92I	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-92S	Student Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-93I	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-93S	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-94I	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-94S	Teachers Parking Lot	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-102I	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-102S	East of Gym	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-103I	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-103S	FFC	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-104I	School Entrance	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-104S	School Entrance	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-105I	School Entrance	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-105S	School Entrance	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-106	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-100S	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-100I	NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-67I	Offsite - East of Gym	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-67S	Offsite - East of Gym	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-68S	Offsite - East of Gym	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-69I	Offsite - East of Gym	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-95I	Offsite - East of NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-95S	Offsite - East of NAF	flush-mount PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	NA	NA	NA	
MW-96	Offsite - East of NAF	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	
MW-97	Offsite - East of NAF	stick-up PVC	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y / N	Y/N	Y/N	Y/N	

1. Indicate corrective actions taken for any and all deficiences noted above, who accomplished and date completed

_____

_____

_____

2. Attach photographs to this report and include description of each photograph and date.

SSD MONITORING FORM

Former Sperry Remington Site - North Portion
Elmira, New York

Inspector: _____ Date: _____

Remedial System Component	Monitoring Parameter	Operating Range	Measuremnt
K-Wing SSD Vent Stack	Stack Vacuum	0 – 1 in. WC	
Gymnasium SSD Vent Stack	Stack Vacuum	0 – 1 in. WC	
Cafeteria SSD Vent Stack	Stack Vacuum	0 – 1 in. WC	
F-Wing SSD Vent Stack	Stack Vacuum	0 – 20 in. WC	
Music Wing SSD Vent Stack	Stack Vacuum	0 – 20 in. WC	

1. Indicate corrective actions taken for any and all deficiences noted above, who accomplished and date completed

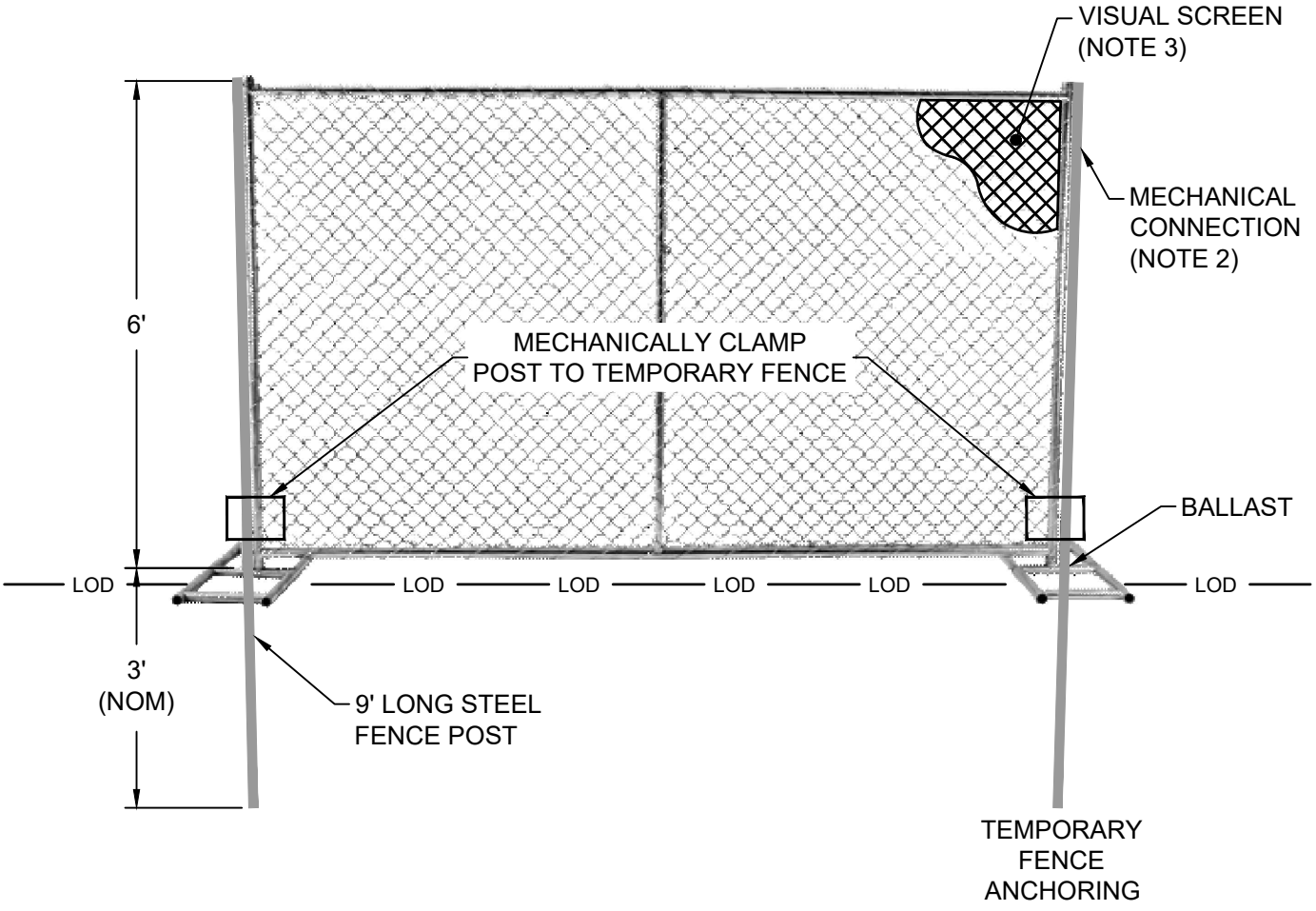
_____

_____

_____

2. Attach photographs to this report and include description of each photograph and date.

APPENDIX K
O&M MANUALS



NOTES

1. 6-FT TALL, PORTABLE CHAIN-LINK FENCE PANELS, SET ON THE EXISTING GROUND SURFACE, COINCIDENT WITH THE LIMIT-OF- DISTURBANCE.
2. FLEXIBLE, MECHANICAL CONNECTION, BETWEEN FENCE PANELS.
3. FULL-COVERAGE VISUAL SCREENING OVER EACH ENTIRE FENCE PANEL DURING ACTIVE USE AS REQUIRED BY ENGINEER.

TEMPORARY FENCE

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

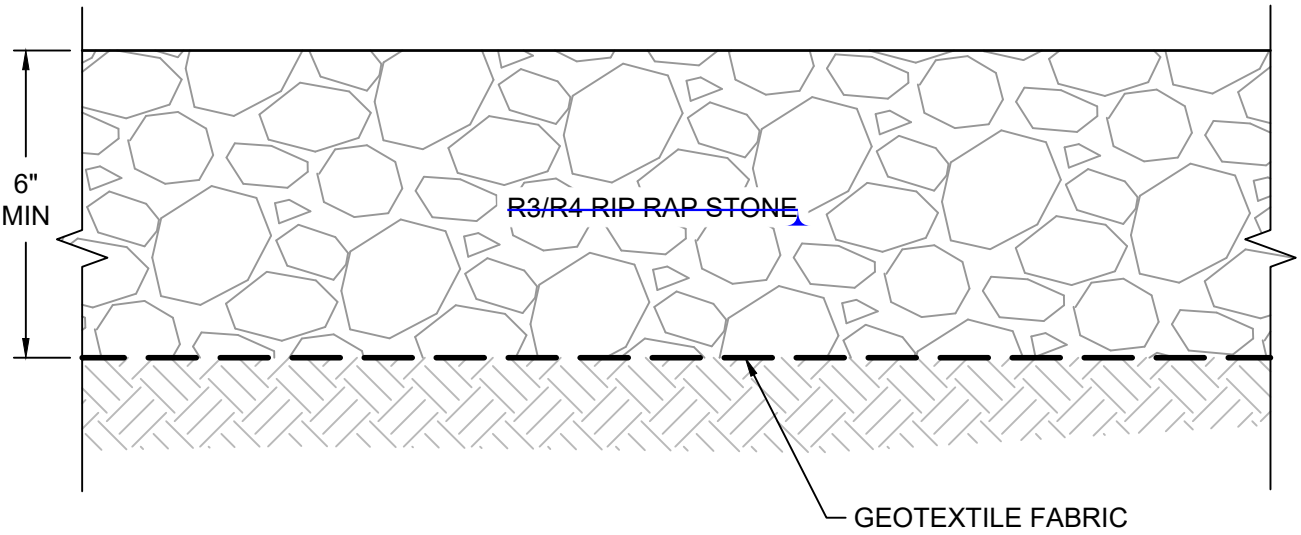
Geosyntec consultants

FIGURE 1

NOT TO SCALE

PROJECT NO: MN0832 | SEP 2023

C:_GEOPW\DS01\DMS22270\ISMP DETAIL - TEMP FENCE - Last Saved By: Benjamin.Girardet on 9/12/23
GEOSYNTEC-PW-01\DOCUMENTS\CLIENTS\U\UNISYS\MN0832I - FORMER SPERRY-REMINGTON SITE - ELMIRA NY\CADD\01 - INTERIM REMEDIAL MEASURE #6 (IRM6)\WORKING\MISCELLANEOUS\2023.07.11 - ISMP CORRECTIVE MEASURES PLAN\SMP DETAIL - TEMP FENCE.DWG



NOTE

CONTRACTOR SHALL SECURE GEOTEXTILE FABRIC WITH ANCHOR PINS, AS NECESSARY.

TEMPORARY ~~RIPRAP~~ COVER

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants

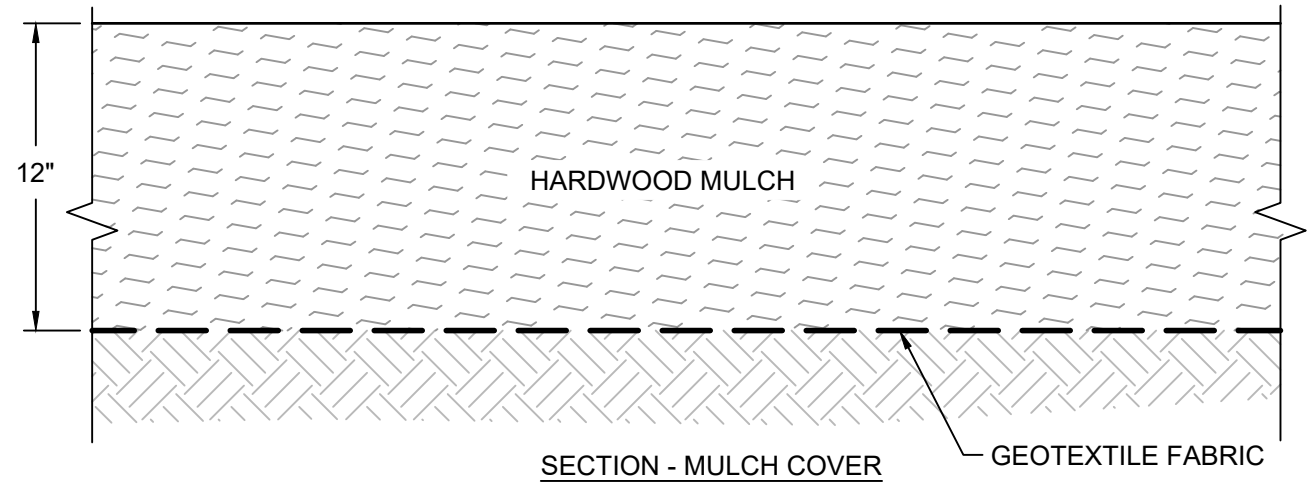
FIGURE
3

NOT TO SCALE

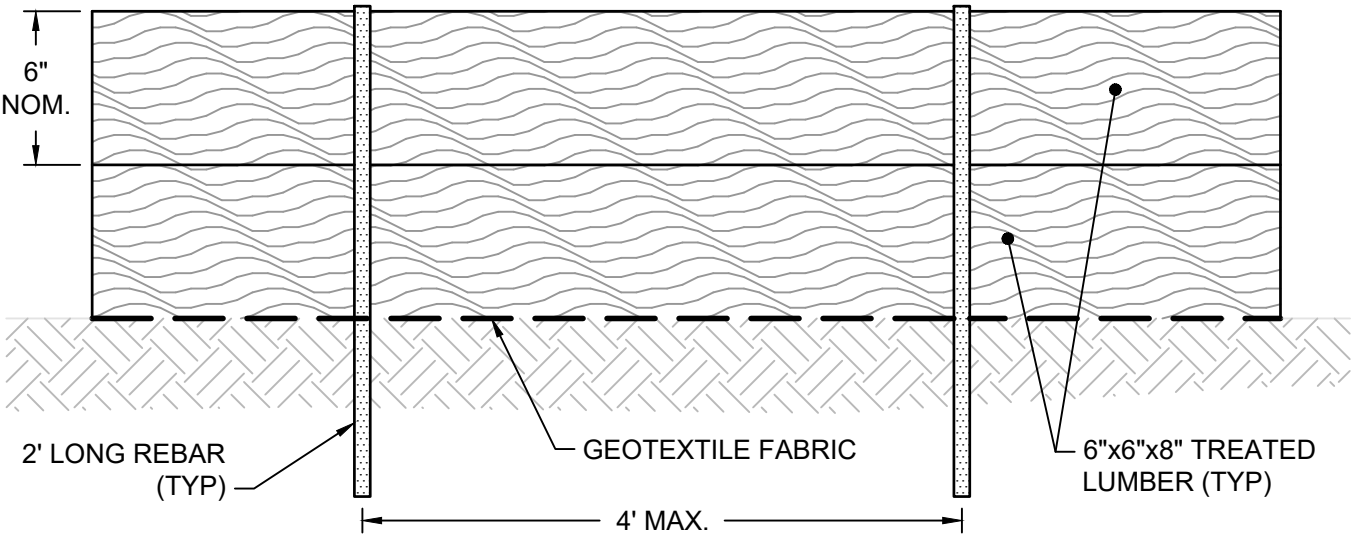
PROJECT NO: MN0832

SEP 2023

C:_GEOPW\DS01\DMS22270\ISMP DETAIL - TEMP RIPRAP COVER - Last Saved By: Benjamin.Girardet on 9/12/23
GEOSYNTEC-PW-01\DOCUMENTS\CLIENTS\U\UNISYS\MN0832I - FORMER SPERRY-REMINGTON SITE - ELMIRA NY\CADD\01 - INTERIM REMEDIAL MEASURE #6 (IRM6)\WORKING\MISCELLANEOUS\2023.07.11 - ISMP CORRECTIVE MEASURES PLAN\ISMP DETAIL - TEMP RIPRAP COVER.DWG



SECTION - MULCH COVER



SECTION - WOOD FRAME

NOTES

1. GROUND SURFACE SHALL BE PREPARED BY REMOVAL OF ANGULAR OR SHARP OBJECTS.
2. NON-WOVEN GEOTEXTILE (MIRIFI 160N 6 OZ, OR EQUIVALENT) SHALL BE USED TO COVER EXISTING GROUND SURFACE AND SHALL BE HELD IN PLACE WITH LANDSCAPING STAPLES.
3. WOOD FRAMES SHALL BE CONSTRUCTED AROUND THE PERIMETER USING 6"x6"x8' TREATED LUMBER STACKED TO AN APPROXIMATE HEIGHT OF 12" AND ANCHORED WITH 2'-LONG REBAR AS GROUND SPIKES.
4. HARDWOOD MULCH SHALL BE PLACED WITHIN WOOD FRAME AS FINAL COVER TO A HEIGHT OF APPROXIMATELY 12". MULCH MAY BE SLOPED TO MEET HEIGHT OF WOOD FRAME.
5. SURROUNDING AREA WILL BE BROOM SWEPT OR RAKED TO REMOVE MULCH FROM OUTSIDE THE COMPLETED AREA.

TEMPORARY MULCH COVER

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

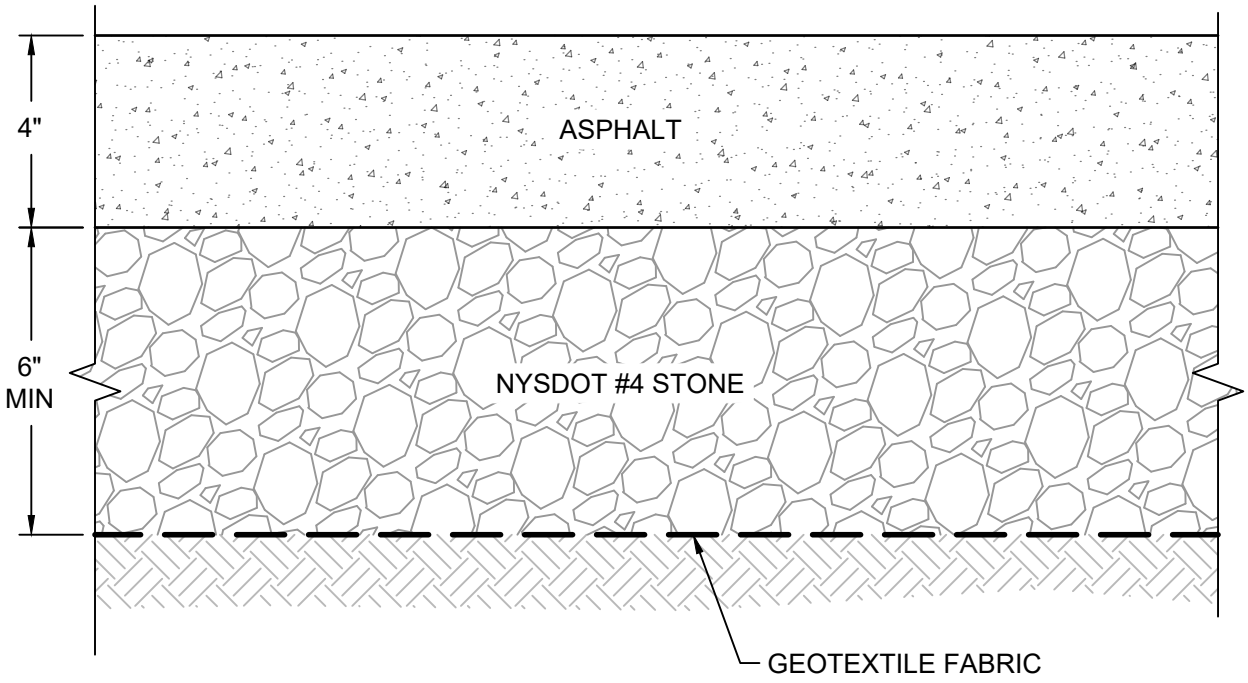
Geosyntec consultants

FIGURE 2

NOT TO SCALE

PROJECT NO: MN0832 | SEP 2023

C:_GEOPW\DS01\DMS22270\ISMP DETAIL - TEMP MULCH COVER - Last Saved By: Benjamin.Girardet on 9/12/23
GEOSYNTEC-PW-01\DOCUMENTS\CLIENTS\U\UNISYS\MN0832I - FORMER SPERRY-REMINGTON SITE - ELMIRA NY\CADD\01 - INTERIM REMEDIAL MEASURE #6 (IRM6)\WORKING\MISCELLANEOUS\2023.07.11 - ISMP CORRECTIVE MEASURES PLAN\ISMP DETAIL - TEMP MULCH COVER.DWG



TEMPORARY ASPHALT COVER

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants

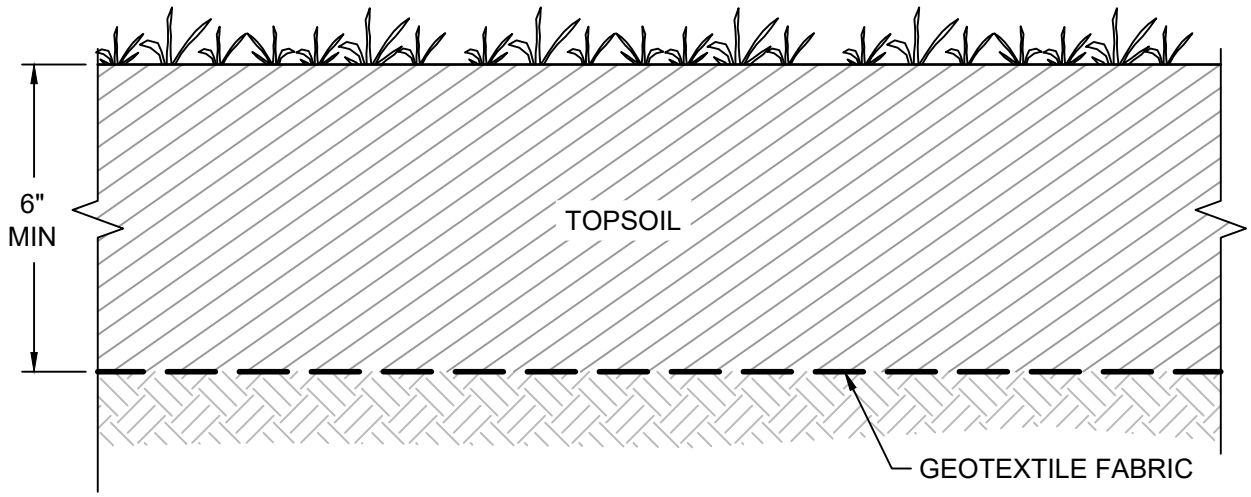
FIGURE
4

NOT TO SCALE

PROJECT NO: MN0832

SEP 2023

C:_GEOPW\DS01\DMS22270\ISMP DETAIL - TEMP ASPHALT COVER - Last Saved By: Benjamin.Girardet on 9/12/23
GEOSYNTEC-PW-01\DOCUMENTS\CLIENTS\U\UNISYS\MN0832I - FORMER SPERRY-REMINGTON SITE - ELMIRA NY\CADD\01 - INTERIM REMEDIAL MEASURE #6 (IRM6)\WORKING\MISCELLANEOUS\2023.07.11 - ISMP CORRECTIVE MEASURES PLAN\ISMP DETAIL - TEMP ASPHALT COVER.DWG



NOTE

CONTRACTOR SHALL SECURE GEOTEXTILE FABRIC WITH ANCHOR PINS, AS NECESSARY.

TEMPORARY TOPSOIL COVER

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

Geosyntec consultants

FIGURE 5

NOT TO SCALE

PROJECT NO: MN0832

SEP 2023

C:_GEOPW\DS01\DMS22270\ISMP DETAIL - TEMP TOPSOIL COVER - Last Saved By: Benjamin.Girardet on 9/12/23
GEOSYNTEC-PW-01\DOCUMENTS\CLIENTS\U\UNISYS\MN0832I - FORMER SPERRY-REMINGTON SITE - ELMIRA NY\CADD\01 - INTERIM REMEDIAL MEASURE #6 (IRM6)\WORKING\MISCELLANEOUS\2023.07.11 - ISMP CORRECTIVE MEASURES PLAN\ISMP DETAIL - TEMP TOPSOIL COVER.DWG

Geosyntec consultants

engineers | scientists | innovators

Beech and Bonaparte engineering p.c.

an affiliate of Geosyntec Consultants

Sub-slab Depressurization Systems Operation and Maintenance Manual

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

Revisions to SSDS Operation and Maintenance Manual:

Revision No.	Date Submitted	Summary of Revision	NYSDEC Approval Date

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1.0 BACKGROUND

Sub-slab Depressurization (SSD) Systems have been installed at the Elmira High School (EHS) building as a precautionary measure to reduce potential exposures to volatile organic compounds via the vapor intrusion (VI) pathway. The EHS building is part of the Former Sperry Remington Site – North Portion (Site). This Operation and Maintenance Manual (OMM) provides a description of the measures necessary to operate, monitor and maintain those systems. This SSD Systems OMM Manual:

- Describes the SSD systems;
- Includes the procedures necessary to allow individuals unfamiliar with the site to operate and maintain the SSD systems;
- Includes actions to address problems with the system components should they occur.

This manual will be updated periodically to reflect changes in site conditions or the manner in which the SSDS are operated and maintained. A copy of this OMM, along with the complete Site Management Plan (SMP), is to be maintained at the Site.

This OMM is not to be used as a stand-alone document, but as a component document of this SMP.

2.0 SSDS DESCRIPTIONS

SSD systems have been installed at all of the occupied areas of EHS where measured concentrations of volatile organic compounds in subslab vapor samples were as great or greater than the concentration associated with a recommended action of mitigate as described in the Guidance for Evaluating Vapor Intrusion in the State of New York. The SSD systems have been shown to be effective (i.e. create a robust vacuum field below the floor area) without the need for heating, ventilation, and air conditioning (HVAC) operation to positively pressurize the building, and despite the presence of unsealed cracks in the building slab. The following sections present details for each system including system location, system start date; system design information, components, materials, layout, and operating conditions. Drawings of the systems are provided in **Appendix A**. Cut sheets for SSD equipment and instrumentation are provided in **Appendix B**.

2.1 K-Wing Science Addition

A sub-slab vapor mitigation system was installed as part of the construction of the 12,000 square foot K-Wing Science Addition on the east side of the EHS building in 2009. The

system design is described in the Soil Vapor Mitigation Design Plan prepared by Sterling Consultants in February 2009 for ECSD and revised in April 2009 (Appendix 4C of the EMP, Sterling, 2009). The vapor mitigation system consists of a SSD system and a vapor barrier. The SSD system consists of a gas permeable layer consisting of a minimum of six (6) inches of crushed stone or crushed gravel. A collection plenum is installed in the gas permeable layer consisting of a 40-inch square void, the full thickness of the stone layer. The plenum is formed by six (6) 8 x 8 x 16-inch concrete blocks. The soil gas and any vapors enter the plenum space unobstructed, then enter a six (6) inch diameter solid wall fiberglass reinforced plastic pipe. This six (6) inch duct is connected by means of wet lay-up joints to a 90-degree elbow connected to a vertical riser passing through the slab, the interior of the addition and the roof of the addition. A U-tube pressure manometer is placed in this riser so that the vacuum exerted by the fan will be evident at the manometer whenever the fan is operating normally. A Fan Tech FR250 fan is mounted above the roof at the termination of the riser to create a negative pressure through the duct and system beneath the concrete slab. The exhaust is 44-inches above the roof of the building, is located above all eaves, is at least fifteen (15) feet above ground level, is at least ten (10) feet away from air intakes and is at least ten (10) feet from any openings that are less than two (2) feet below the exhaust point and is more than ten (10) feet from the adjoining EHS Main Building.

The vapor barrier consists of six (6) mil polyethylene sheets overlapped a minimum of twelve (12) inches with Sikaflex-1A sealant applied a minimum of four (4) inches wide between the overlaps. Polyethylene sheets are sealed to the pile caps with the same sealant.

2.2 Gymnasium

A sub-slab vapor mitigation system was installed in the EHS gymnasium as part of a remodeling project conducted in 2010 (Sterling, 2011). The vapor mitigation system consists of a vapor barrier and a SSD system. The Gymnasium SSD consists of a stone gas permeable layer with a plenum constructed of concrete blocks within the permeable layer and a vent duct. The vent duct rises from the plenum and is connected to the Fan Tech FR250-8 exhaust fan that creates a negative pressure within the permeable layer. The vapor barrier consists of Stego Wrap™ ten (10) mil polyolefin sheets overlapped a minimum of twelve (12) inches with Sonoclastic™ NP1 caulk applied a minimum of four (4) inches wide between the overlaps. Polyethylene sheets are sealed to the pile caps with the same sealant.

2.3 Cafeteria Addition

A sub-slab vapor mitigation system was installed as part of construction of an addition to the EHS cafeteria (Sterling, 2014). The vapor mitigation system consists of a vapor barrier and a SSDS. The Cafeteria Addition SSDS consists of a stone gas permeable layer with a plenum constructed of concrete blocks within the permeable layer and a vent duct. The

vent duct rises from the plenum and is connected to the Fan Tech FR250 exhaust fan that creates a negative pressure within the permeable layer. The vapor barrier consists of Stego Wrap™ ten (10) mil polyolefin sheets overlapped a minimum of twelve (12) inches with Sonoclastic™ NP1 caulk applied a minimum of four (4) inches wide between the overlaps. Polyethylene sheets are sealed to the pile caps with the same sealant.

2.4 F-Wing

A sub-slab vapor mitigation system was installed through the existing floor slab in the EHS F-Wing by Unisys in August 2014 following a vapor intrusion (VI) assessment as part of Site Characterization (Geosyntec, 2015a). The SSD system includes four (4) suction points connected through a manifold to a riser pipe that extends through the roof. Suction points are located in Rooms 124, 126, 127, and 130 of the EHS F-Wing. Suction points were located near interior walls to avoid open space and provide vertical supports for the riser pipes. Suction point riser pipes were joined via a horizontal conveyance pipe manifold above the suspended ceiling on the first floor and then extended vertically via a single riser pipe through the first floor ceiling, a second floor classroom (Room Number 234) and to the roof. A roof mounted Obar GBR 76 SOE fan is connected to the piping network and is used to create a sub-slab vacuum field below the building.

2.5 Music Wing

A sub-slab vapor mitigation system was installed through the existing floor slab in the music wing in August 2018 following a Supplemental Vapor Intrusion Assessment. The SSDS consists of five (5) suction points (SP-M1 through SP-M5) installed within classrooms in the Music Wing of EHS. Suction points were located near interior walls to avoid open space and provide vertical supports for the riser pipes. Suction point riser pipes were joined via a series of horizontal conveyance pipe manifolds and vertical riser pipes above both the suspended ceiling on the first floor and below the second floor HVAC Mechanical Room ceiling and then extended vertically via a single riser pipe through the roof to the SSD blower. Piping was labeled “Active Soil Depressurization System, Do Not Alter” at all accessible locations. PVC blast gate valves and Magnehelic vacuum gauges were installed in each suction pipe to allow air flow through the system and vacuum to be balanced. Magnehelic gauges were installed on each suction point riser pipe to indicate static vacuum levels. Magnehelic gauges were selected with a scale appropriate for the blower (i.e. 0-30 inches WC) and were attached to the block wall near the blast gate valve for each suction point.

An Obar Model GBR76 SOE Compact Radial Blower is located on the roof of the building and draws soil vapors from the five (5) suction points through the pipes and exhausts above the roofline. Blower exhaust was installed approximately seven (7) feet above the roofline and twenty (20) feet from windows, doors, and air intakes. The blower is connected to the

building's Day Automation System which monitors blower operation and will alert district personnel if the blower fails.

3.0 SSDS OPERATION

SSD systems installed at EHS were designed to operate on a continuous basis. Each SSD system is equipped with an electronic monitoring device connected to the school's HVAC computer control program that includes an SSD system computer display screen indicating whether the SSD system fan is running or not.

Sub-slab and indoor air monitoring data collected during the VI investigations conducted by the NYSDOH, the ECSD and Unisys at EHS indicate that health effects from short-term exposure to the compounds that could be attributable to VI are unlikely (NYSDOH 2010). Therefore, temporary shutdown of an SSDS should not be considered an emergency situation. Nevertheless, repair and restoration of SSDS operation should be considered a priority activity and should be performed in a timely fashion.

3.1 Maintenance

The fan motors are the only SSDS components with moving parts. The fan bearings are sealed, and do not require periodic lubrication or maintenance. The SSDS fans are not reparable and should be replaced if they fail.

4.0 SYSTEM REPAIR

4.1 SSD Fan

If the SSD fan stops operating, ECSD personnel should verify that the circuit breakers that provides power to the fan and to Day Automation system have not tripped. If the circuit breaker(s) have tripped and trip again after being reset, ECSD has been instructed to alert Unisys for repair.

Once notified, Unisys will make a good faith effort to initiate the SSDS repair process within twenty-four (24) hours. Unisys will be responsible for maintaining replacement SSD fans on-Site at all times to ensure that there is minimal downtime if a SSD fan must be replaced.

If an SSDS fan stops working, ECSD should temporarily operate the building HVAC system within the building area of the non-functioning SSDS during periods of building occupation.

4.2 Other SSDS Components

Almost all of the SSDS piping components are either within the walls or floor of the building or otherwise in locations where they are not accessible to the public and unlikely to be damaged. The SSDS vacuum monitoring gauges are also located in places that are generally not accessible to the public. If a breach in the SSDS piping network or a broken vacuum gauge is detected ECSD has been instructed to notify Unisys for repair.

Once notified, Unisys will make a good faith effort to initiate the SSDS repair process within twenty-four (24) hours. If the break in a pipe is minor, ECSD should temporarily cover the break with duct tape (or equivalent) and continue operation of the SSDS until the repair can be completed by Unisys. If the break is too large to be temporarily repaired, the system should be shut down and ECSD should temporarily operate the building HVAC system within the building area of the non-functioning SSDS during periods of building occupation.

If for any reason a hole is drilled through the slab in any area where an SSDS has been installed, the concrete should be backfilled with anchor cement (or equivalent) after the task that necessitated drilling the hole is completed.

The SSDS have been shown to remain effective despite the presence of cracks in the floor. Nevertheless, ECSD should periodically repair large floor cracks (i.e. cracks that clearly penetrate the entire thickness of the slab and extent for distances greater than a few inches) to maximize sublab vapor capture.

If the SSDS is operating but the Day Automation system indicates otherwise, ECSD has been instructed to notify Unisys for repair. Unisys will work with ECSD to identify a preferred contractor to effectuate the repair and will make a good faith effort to repair/replace the necessary components in a timely fashion.

After repair of the broken components, Unisys will take appropriate measures to verify that the repair has been successful and will document the conditions that necessitated the SSDS repair and the actions that were taken to address them.

4.3 SSDS System Restart

An eight (8) to twelve (12) hour indoor air sample will be collected in an appropriate location prior to and 24 to 48 hours after the startup of any SSDS that has been inoperable for a period of seven (7) days or more. The sample will be collected during a period when the HVAC system is operating in “building occupied” mode in order to simulate conditions associated with potential VI-related exposures when the building was occupied. In all cases where fan failure or breakage of an SSDS system component results in shutdown of the SSDS, cross-slab differential pressure measurement(s) will be obtained from existing or temporary sub-slab sampling ports associated with the SSDS system to verify that the repairs have reestablished the necessary pressure field below the VI mitigation area. The differential pressure measurements will be obtained using the existing Magnehelic Gauges

or with a DG-700 (or equivalent) differential pressure meters temporarily connected to the SSDS stack and sub-slab monitoring port(s).

In the event that indoor air quality or differential pressure monitoring data indicate that the SSDS repairs have not resulted in a satisfactory outcome when compared with historical post-SSDS monitoring results, further assessment and repairs will be performed as appropriate.

4.4 Notification of NYSDEC

Whenever Unisys is notified by ECSD of the need for SSDS system repair, Unisys will, within 24 hours, provide the NYSDEC with a description of the problem with the SSDS and a proposed solution, including an estimated schedule for repair of the system.

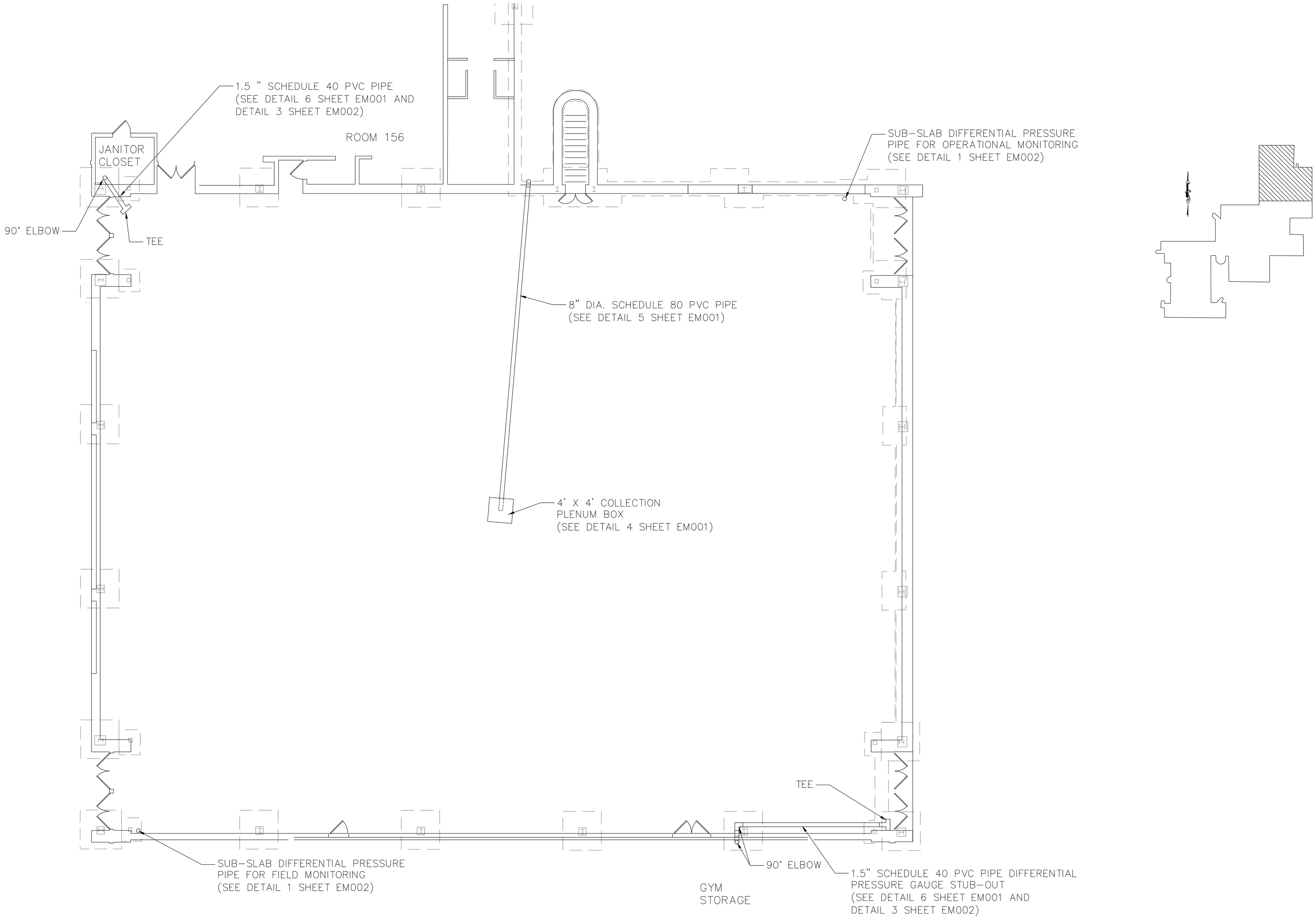
Table 4-1: Notifications*

* Note: Notifications are subject to change and will be updated as necessary.

Name	**Contact Information**
Timothy Schneider, PE Project Manager	Phone: 585-226-5480 Email: timothy.schneider@dec.ny.gov
Bernette Schilling, PE Regional Hazardous Waste Remediation Engineer	Phone: 585-226-5315 Email: bernette.schilling@dec.ny.gov
Kelly Lewandowski, PE Site Control	Phone: 518-402-9553 Email: kelly.lewandowski@dec.ny.gov
Joe Magliocca Director of Facilities Elmira City School District	Phone: 607-735-3980 jmagliocca@elmiracitycityschools.com
Dominic Insogna Health & Safety Compliance Specialist GST BOCES/Elmira City School District	Phone: 607-735-3992 Email: dinsogna@gstboces.org
Kevin Krueger, PE Director, Global Environmental, Safety, Health and Security Corporate Real Estate and General Services Unisys Corporation	Phone: 651-212-7273 Email: kevin.krueger@unisys.com

APPENDIX A
SSD SYSTEM AS-BUILT DRAWINGS

APPENDIX I
AS-BUILT DRAWINGS



MAP REFERENCE:

BASE MAP PROVIDED BY FAMMING-HOWEY ASSOCIATES INC.
ENTITLED FOUNDATION PLAN UNIT A, DATED JUNE 2, 1977.

SHEET EM000

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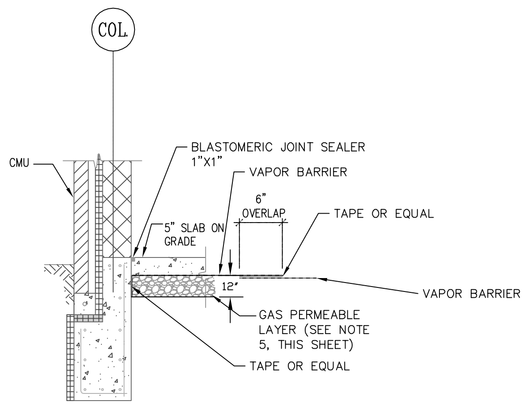
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

0 3 6 12
1" = 6'

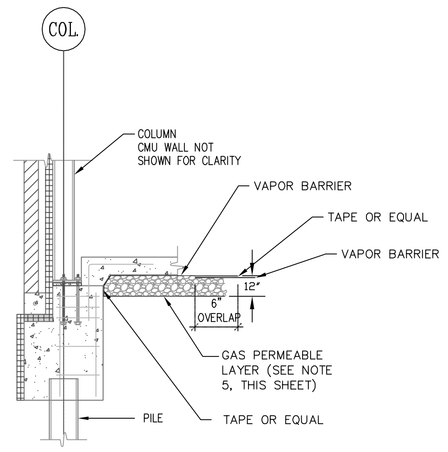
PLAN VIEW OF SUB-SLAB PIPES AND PLENUM BOX
GYM SUB-SLAB DEPRESSURIZATION SYSTEM
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

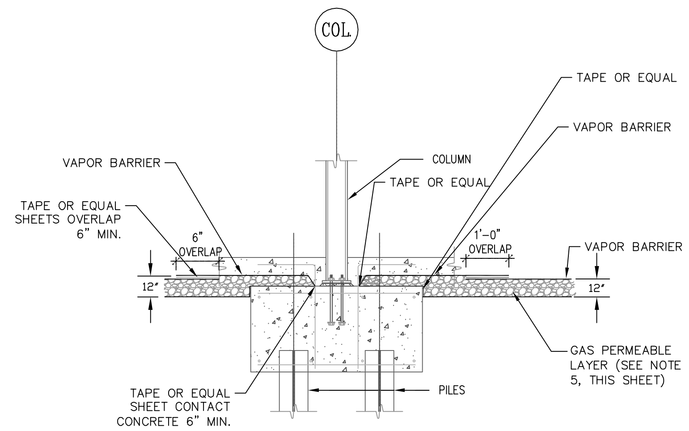
DATE: 5/10/10 | SCALE: 1"=6' | DWG. NO. 28014067 | SHEET 1 OF 3



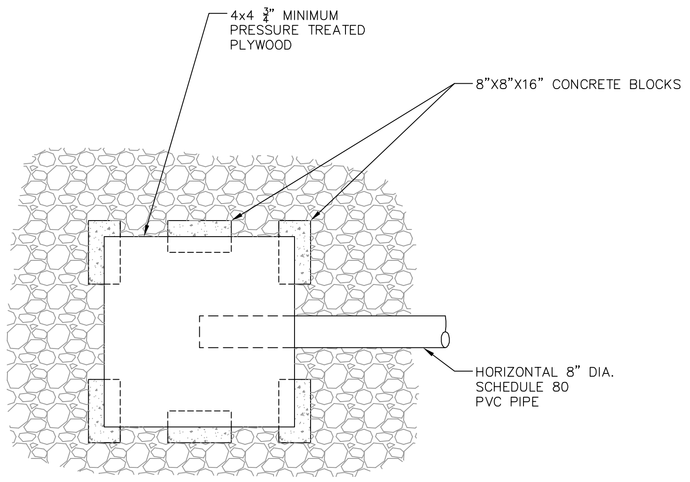
1 EM001 SECTION AT EXISTING FOOTER WALL
N.T.S.



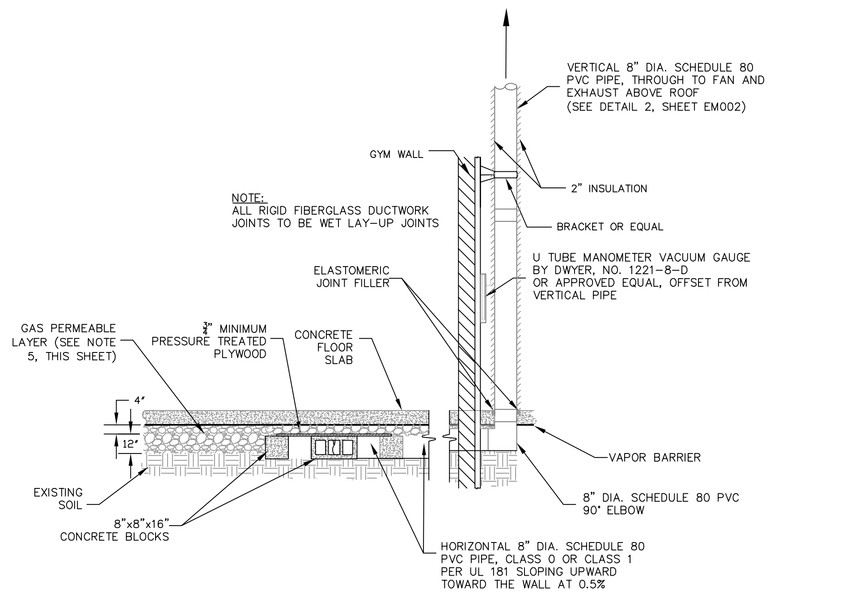
2 EM001 SECTION AT EXISITNG PILE CAP SHOWING WALL PROFILE
N.T.S.



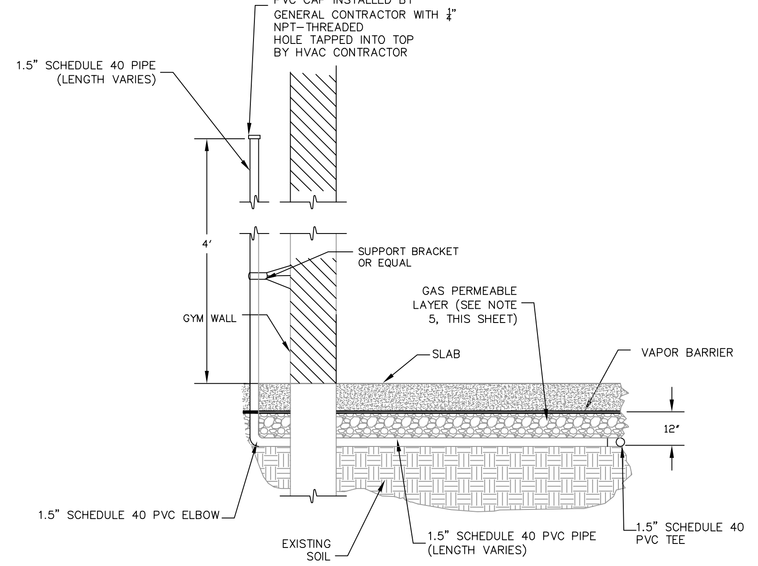
3 EM001 SECTION AT EXISTING PILE CAP SHOWING WALL FACE
N.T.S.



4 EM001 COLLECTION PLENUM BOX
PLAN VIEW (N.T.S.)



5 EM001 COLLECTION PLENUM BOX AND DEPRESSURIZATION PIPE
PROFILE VIEW (N.T.S.)



6 EM001 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE STUB-OUT

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP VAPOR BARRIER OR EQUAL VAPOR BARRIER MEETING ASTM E 1745 CLASS 4.

3. BLASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK OR EQUAL.

4. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

5. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

SHEET EM001

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DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

GYM SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

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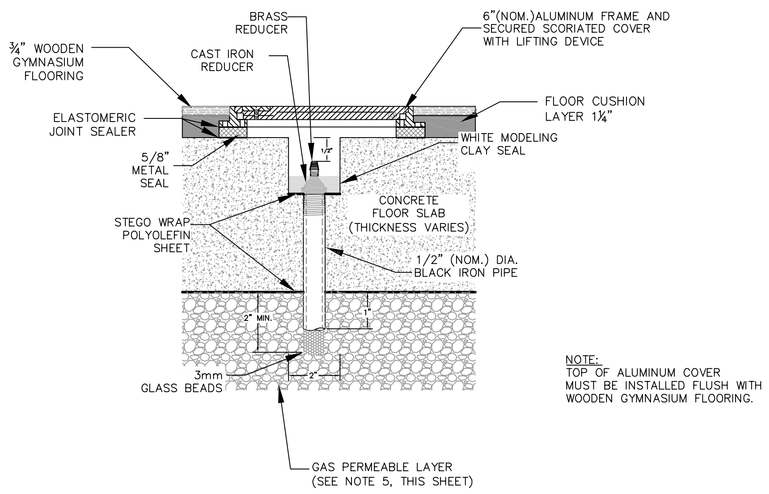
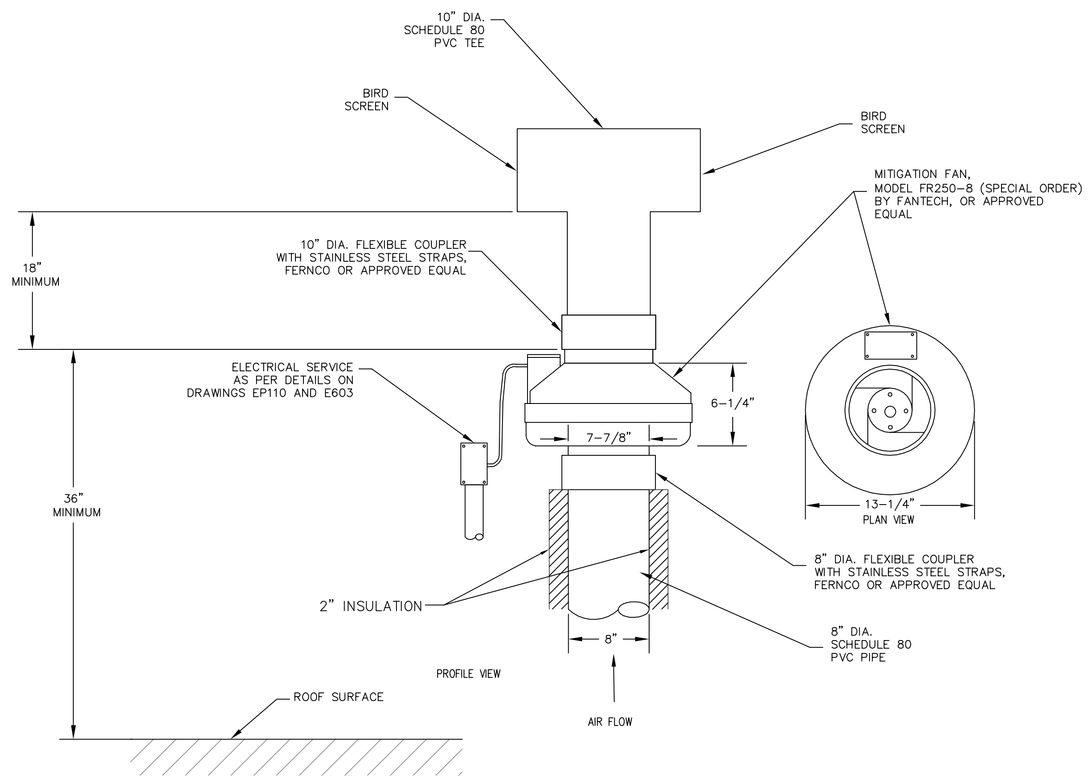


1 EM002 SUB-SLAB DIFFERENTIAL PRESSURE PIPE FOR FIELD MONITORING
PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250-8

SIDE VIEW

FRONT VIEW

3 EM002 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE INSTALLATION

4 EM002 ROOF PLAN

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP VAPOR BARRIER OR EQUAL VAPOR BARRIER MEETING ASTM E 1745 CLASS 4.

3. BLASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

4. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

5. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

SHEET EM002

STATE OF NEW YORK · ROBERT L. ALDRICH · No. 059770 · LICENSED PROFESSIONAL ENGINEER

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PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

GYM SUB-SLAB DEPRESSURIZATION SYSTEM
DETAILS (CONT.)
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA — CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

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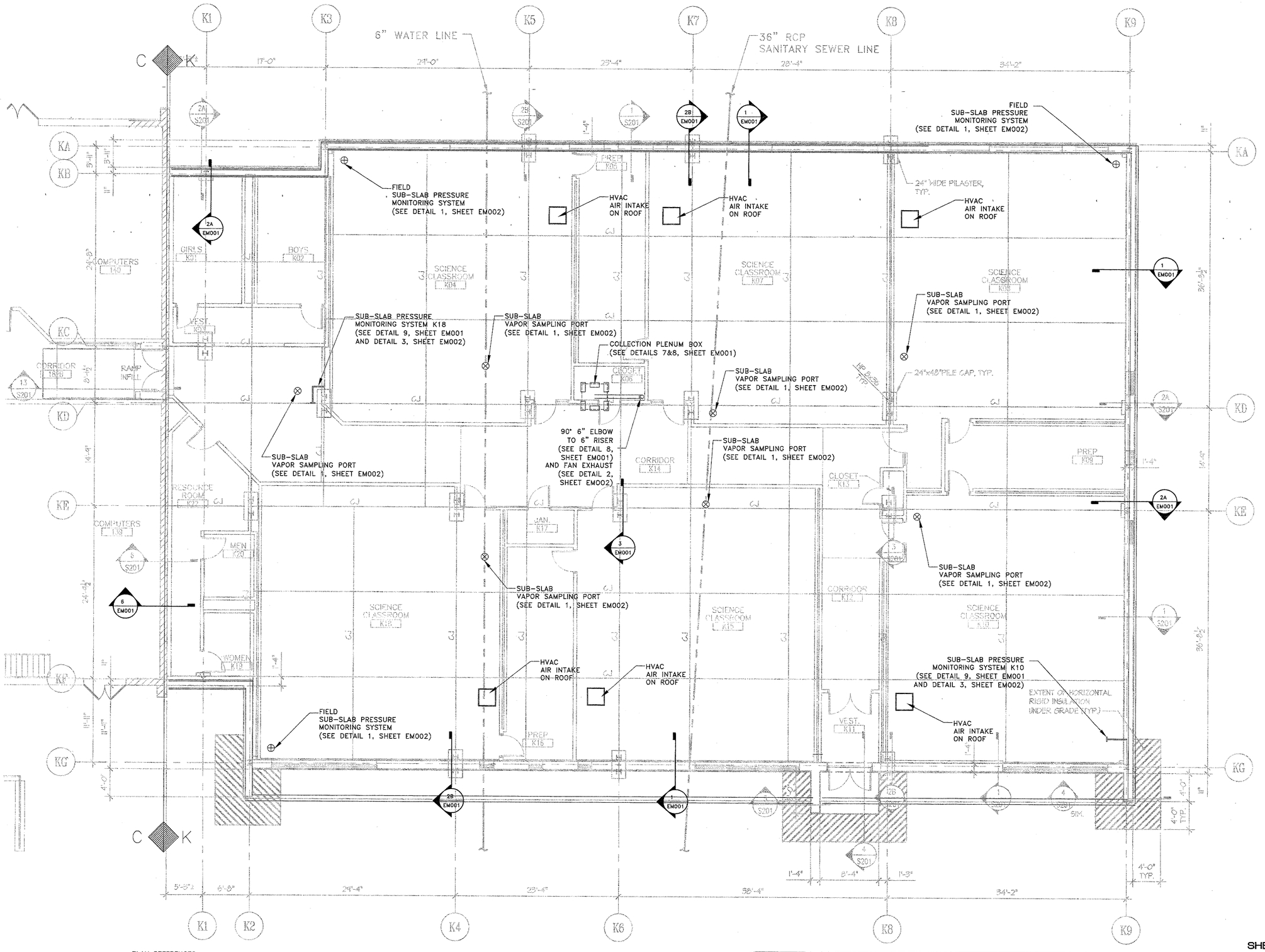

NOTES:
1) SEE SHEET EM001 FOR PROFILES OF SUB-SLAB PIPE AND PLENUM.

2) SEE SHEET EM001 FOR DETAILS AT WALLS AND PILE CAPS.

3) ROOF TOP EXHAUST MUST BE AT LEAST 25 FEET FROM ANY AIR INTAKE DEVICES.

4) CONTRACTOR TO FIELD ADJUST TO MEET SYSTEM LAYOUT AS SHOWN.

PLAN REFERENCES:
1) BASE PLAN: BY KEYSTONE ASSOCIATES ENTITLED FOUNDATION\FIRST FLOOR PLAN UNIT K, NOTES, DETAILS, SED PROJECT NUMBER 07-06-00-01-0-016-016, DATED OCTOBER 9, 2007.

2) DRAWING: BY KEYSTONE ASSOCIATES ENTITLED SANITARY WASTE & VENT PLAN-UNIT K, SED PROJECT NUMBER 07-06-00-01-0-016-016, DATED OCTOBER 9, 2007.

LEGEND:

DIFFERENTIAL PRESSURE GAUGE PIPING

6" SOLID RIGID FIBERGLASS CLASS 0 OR 1 PER UL 181, WITH WET LAY-UP JOINTS

8"x8"x16" CONCRETE BLOCKS

SHEET EM000

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1.	4/3/09	ADDED HVAC AIR INTAKES, ADDED TO NOTE			
		CONCERNING RISER	JDC	PJK	RLA
2.	4/7/09	ADDED SUB-SLAB VAPOR SAMPLING PORTS IN			
		ROOMS K08 AND K10.	JDC	PJK	

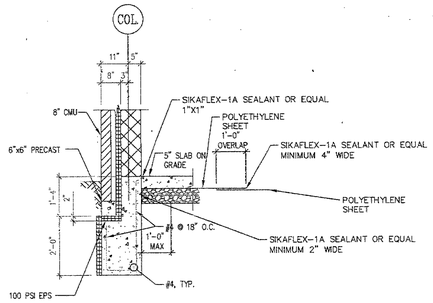
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	R. Aldrich
DATUM:	
CONTOUR INTERVAL =	FEET

3/16"=1'-0"

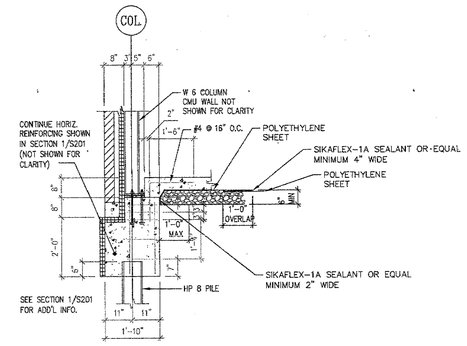
SUB-SLAB
DEPRESSURIZATION SYSTEM
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA — CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE:	SCALE:	DWG. NO.	SHEET
2/24/09	3/16"=1'-0"	28014045	1 OF 3



1 EM001 SECTION
SCALE: 1/2" = 1'-0"



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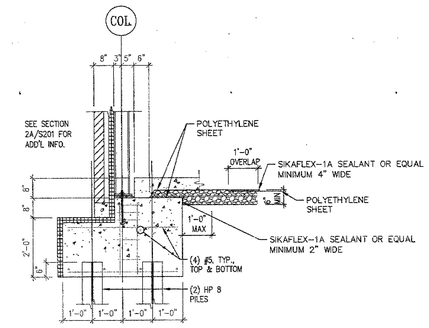
SCALE: 1/2" = 1'-0"



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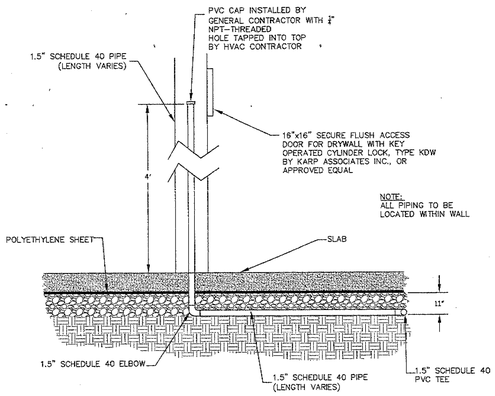
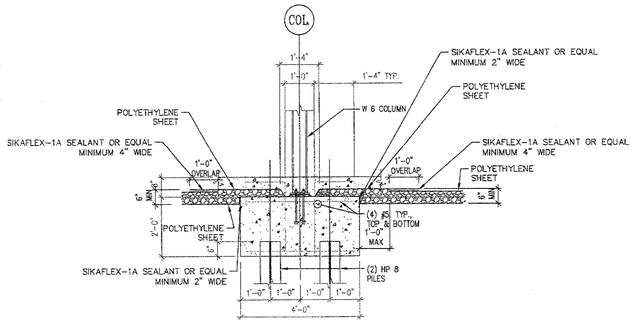
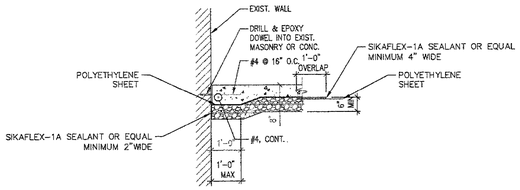
SCALE: 1/2" = 1'-0"



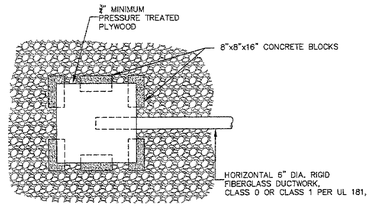
9 EM001 DIFFERENTIAL PRESSURE GAUGE STUB-OUT



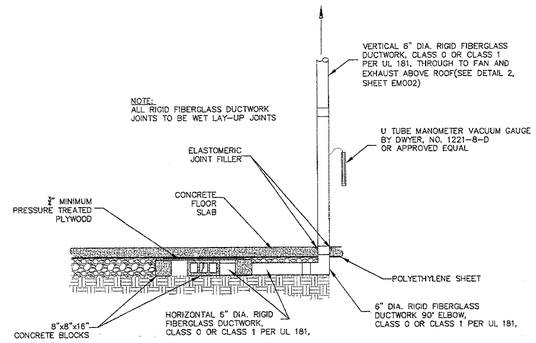
3 EM001 SECTION
SCALE: 1/2" = 1'-0"



6 EM001 SECTION AT EXIST. BUILDING
SCALE: 1/2" = 1'-0"



7 EM001 COLLECTION PLENUM BOX
PLAN VIEW



8 EM001 COLLECTION PLENUM BOX
PROFILE VIEW

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

PLAN REFERENCES:

DETAILS 1, 2A, 2B, 3 AND 6 FROM DRAWING S201 BY KEYSTONE ASSOCIATES

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

SHEET EM001

STATE OF NEW YORK · RICHARD L. ALDRICH · 082,084 · LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	ADDED TO NOTE AT DUCTWORK, DETAIL 8.			
		AND ADDED U TUBE MANOMETER	JDC	PJK	

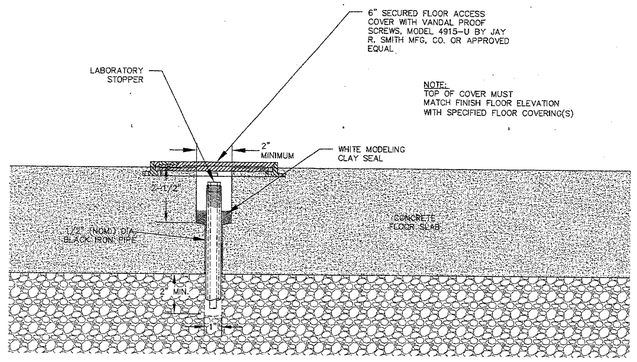
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	R Aldrich
DATUM:	
CONTOUR INTERVAL =	FEET

AS SHOWN

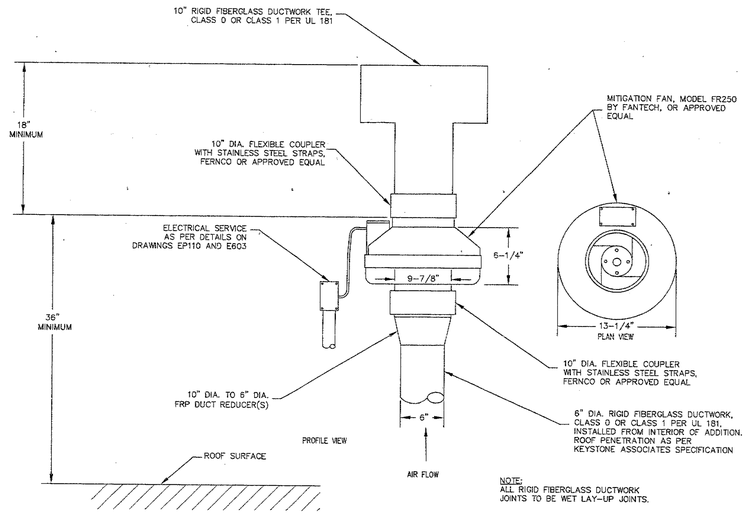
SUB-SLAB DEPRESSURIZATION SYSTEM
CROSS-SECTIONS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

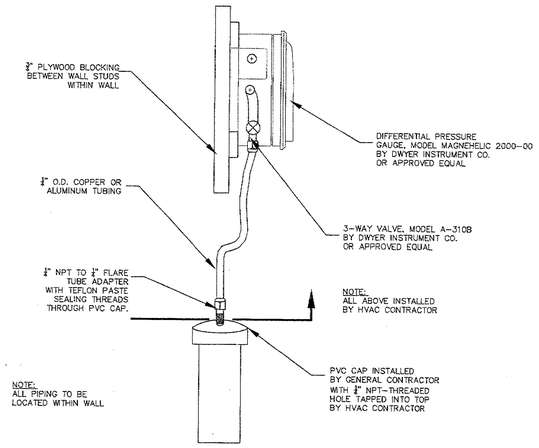
DATE: 2/24/09 | SCALE: AS SHOWN | DWG. NO. 28014046 | SHEET 2 OF 3

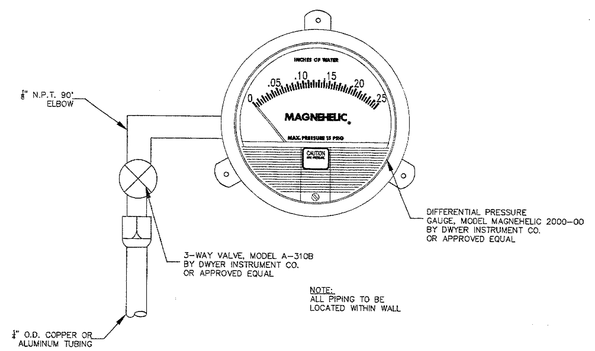


1 EM002 SAMPLE COLLECTION PORT & FIELD SUB-SLAB PRESSURE MONITORING SYSTEM
PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250





3 EM002 DIFFERENTIAL PRESSURE GAUGE INSTALLATION

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

CONCRETE SLAB (AS SPECIFIED BY KEYSTONE ASSOCIATES)

SHEET EM002

STATE OF NEW YORK · ROBERT L. ALDRICH · NO. 085778 · LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	REVISED TITLE OF DETAIL 1	JDC	PJK	RLA

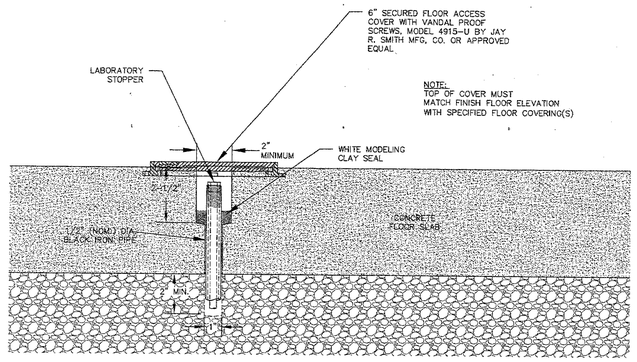
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	RLA
DATUM:	
CONTOUR INTERVAL =	FEET

N.T.S.

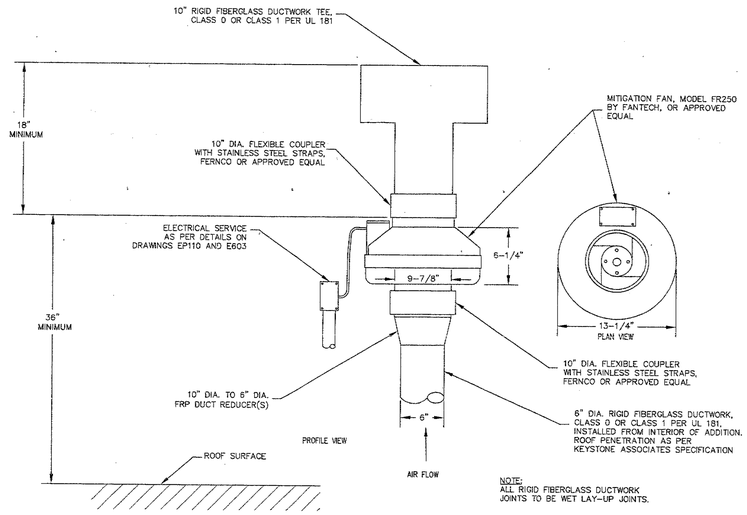
SUB-SLAB DEPRESSURIZATION SYSTEM
PROFILE DETAILS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

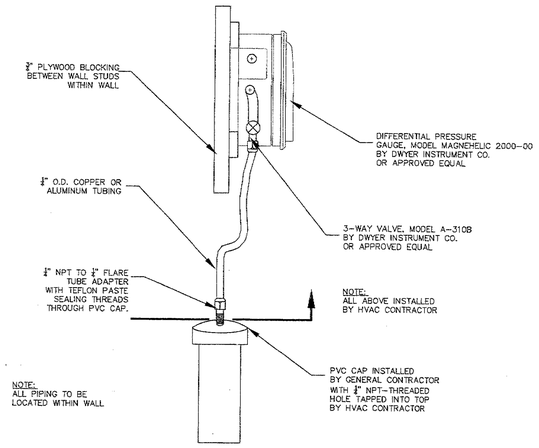
DATE:	2/24/09	SCALE:	N.T.S.	DWG. NO.	28014047	SHEET	3 OF 3

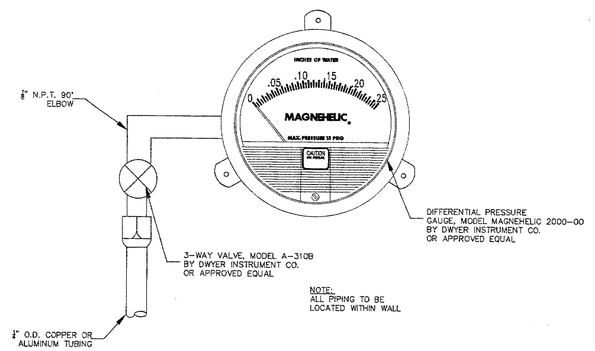


1 EM002 SAMPLE COLLECTION PORT & FIELD SUB-SLAB PRESSURE MONITORING SYSTEM
PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250





3 EM002 DIFFERENTIAL PRESSURE GAUGE INSTALLATION

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

CONCRETE SLAB (AS SPECIFIED BY KEYSTONE ASSOCIATES)

SHEET EM002

STATE OF NEW YORK · ROBERT L. ALDRICH · NO. 085778 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	REVISED TITLE OF DETAIL 1	JDC	PJK	RLA

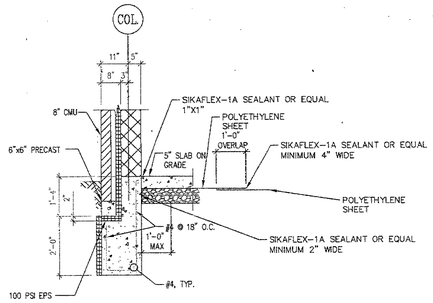
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	RLA
DATUM:	
CONTOUR INTERVAL =	FEET

N.T.S.

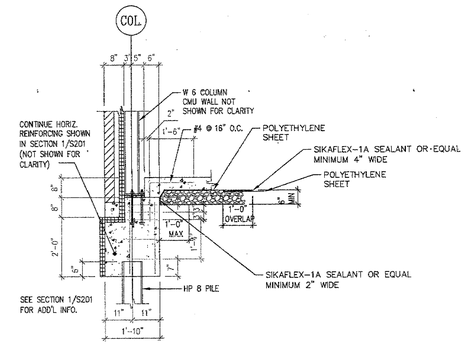
SUB-SLAB DEPRESSURIZATION SYSTEM
PROFILE DETAILS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

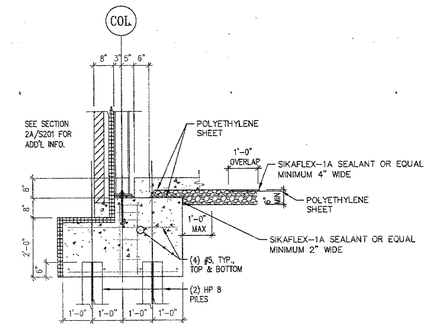
DATE:	2/24/09	SCALE:	N.T.S.	DWG. NO.	28014047	SHEET	3 OF 3



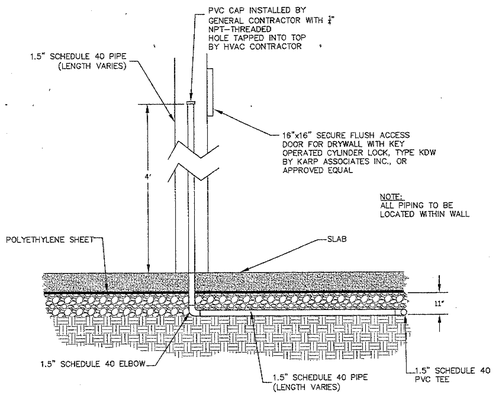
1 EM001 SECTION
SCALE: 1/2" = 1'-0"



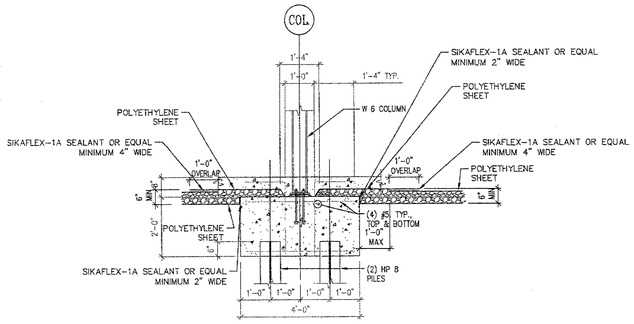
2A EM001 SECTION
SCALE: 1/2" = 1'-0"



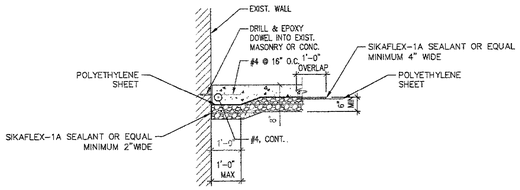
2B EM001 SECTION
SCALE: 1/2" = 1'-0"



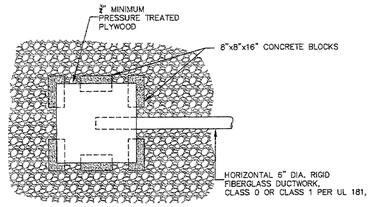
9 EM001 DIFFERENTIAL PRESSURE GAUGE STUB-OUT



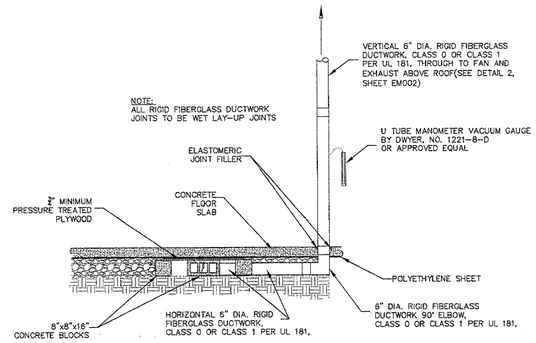
3 EM001 SECTION
SCALE: 1/2" = 1'-0"



6 EM001 SECTION AT EXIST. BUILDING
SCALE: 1/2" = 1'-0"



7 EM001 COLLECTION PLENUM BOX
PLAN VIEW



8 EM001 COLLECTION PLENUM BOX
PROFILE VIEW

NOTES:

1. FOR ALL SOLID PIPE AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.
2. POLYETHYLENE SHEET SHALL BE NEW AND A MINIMUM OF 6 MIL.
3. SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE OR EQUAL.

PLAN REFERENCES:

DETAILS 1, 2A, 2B, 3 AND 6 FROM DRAWING S201 BY KEYSTONE ASSOCIATES

LEGEND:

GAS PERMEABLE LAYER: CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4

SHEET EM001

STATE OF NEW YORK · RICHARD L. ALDRICH · 082,084 · LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1.	4/6/09	ADDED TO NOTE AT DUCTWORK, DETAIL 8.			
		AND ADDED U TUBE MANOMETER	JDC	PJK	

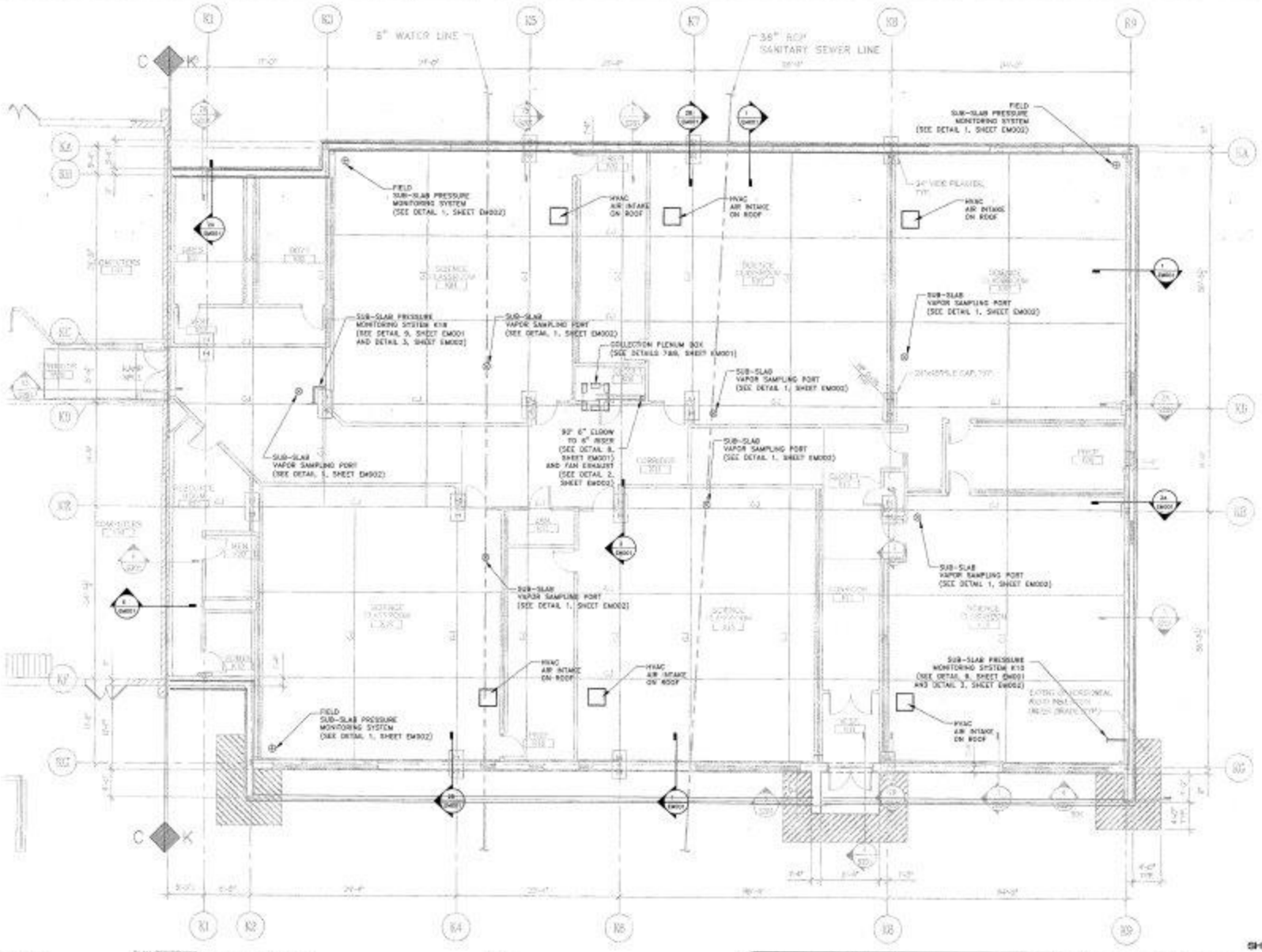
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	J.D. Croote
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	R Aldrich
DATUM:	
CONTOUR INTERVAL =	FEET

AS SHOWN

SUB-SLAB DEPRESSURIZATION SYSTEM
CROSS-SECTIONS
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 2/24/09 | SCALE: AS SHOWN | DWG. NO. 28014046 | SHEET 2 OF 3



NOTES:
1) SEE SHEET EM001 FOR PROFILES OF SUB-SLAB PIPE AND PLENUM.

2) SEE SHEET EM001 FOR DETAILS AT WALLS AND PILE CAPS.

3) ROOF TOP EXHAUST MUST BE AT LEAST 2ft FEET FROM ANY AIR INTAKE DEVICES.

4) CONTRACTOR TO FIELD ADJUST TO MEET SYSTEM LAYOUT AS SHOWN.

PLAN REFERENCES:
1) BASE PLAN: BY KEYSTONE ASSOCIATES ENTITLED FOUNDATION/FIRST FLOOR PLAN UNIT K, NOTES, DETAILS, SED PROJECT NUMBER 07-06-00-01-3-018-01K, DATED OCTOBER 8, 2007.

2) DRAWING: BY KEYSTONE ASSOCIATES ENTITLED SANITARY WASTE & VENT PLAN-UNIT K, SED PROJECT NUMBER 07-06-00-01-3-018-01K, DATED OCTOBER 8, 2007.

LEGEND:

DIFFERENTIAL PRESSURE GAUGE PIPING

6" SOLID SCH 80 FIBERGLASS CLASS D OR 1 PER UL 181, WITH WET LAY-UP JOINTS

8"x8"x16" CONCRETE BLOCKS

SHEET EM000

NO.	DATE	RECORD OF WORK	DRN	CKD	APPD
1	4/25/08	ADDED HVAC AIR INTAKES, ADDED "B" NOTE			
		UNDERGROUND WORK	JEC	PJR	RLK
2	4/17/08	ADDED SUB-SLAB VAPOR SAMPLING PORTS #9			
		TRENCH WORK AND VP-9	JEC	PJR	RLK

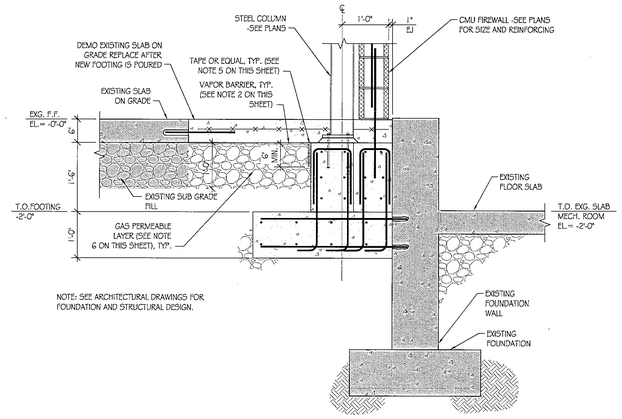
PROJECT
MECH. ENGR.: P.J. Hanna, P.E.
PROJ. NO.: 3001
PREPARED BY: P.J. Hanna, P.E.
DRAWN BY: J.D. Crooks
REVIEWED BY: P.J. Hanna, P.E.
APPROVED BY: R. Kilmartin
SCALE:
CONTOUR INTERVAL =

3/16"=1'-0"

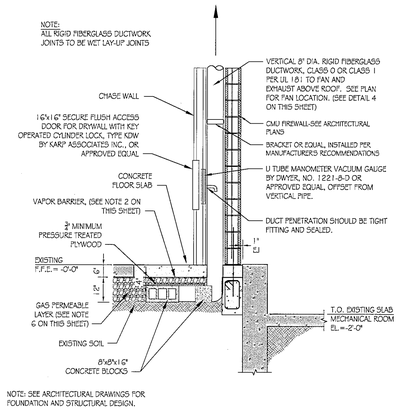
SUB-SLAB DEPRESSURIZATION SYSTEM
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
3 West Red Oak Lane, White Plains, New York 10604

DATE: 3/24/08 SCALE: 3/16"=1'-0" DWG. NO.: Elmira EM001 SHEET 1 OF 2

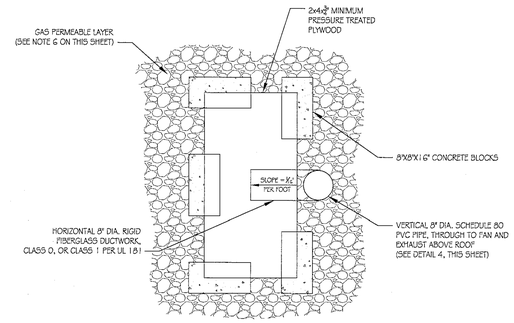


1 / EM004 FOUNDATION DETAIL (PHASE II)
PROFILE VIEW (N.T.S.)

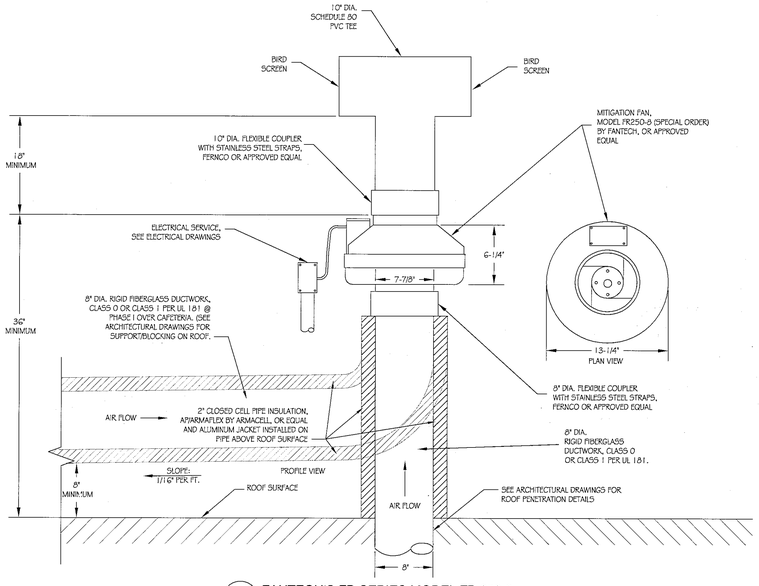


NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION AND STRUCTURAL DESIGN.

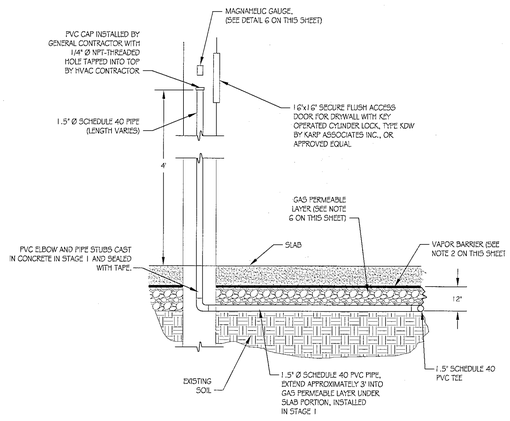
2 / EM004 COLLECTION PLENUM BOX AND DEPRESSURIZATION PIPE
PROFILE VIEW (N.T.S.)



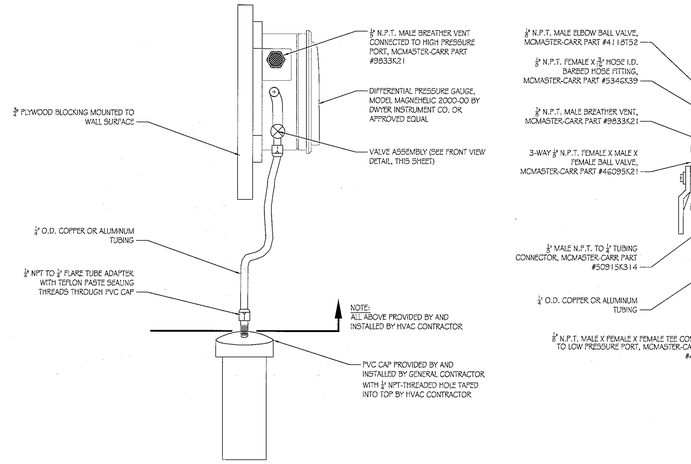
3 / EM004 COLLECTION PLENUM BOX
PLAN VIEW (N.T.S.)



4 / EM004 FANTECH'S FR SERIES MODEL FR 250-8
PROFILE VIEW (N.T.S.)



5 / EM004 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE STUB-OUT
PROFILE VIEW (N.T.S.)



6 / EM004 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE INSTALLATION
(N.T.S.)

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL 15 MIL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS OF VAPOR BARRIER NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER PLACED IN TRENCH AS BACKFILL WILL BE CLEAN CRUSHED STONE OR CLEAN CRUSHED GRAVEL MEETING AASHTO M43 SIZE NO. 57 SPECIFICATIONS.

7. SEE THIS SHEET FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM004

STATE OF NEW YORK — ROBERT L. ALDRICH — No. 068778 — LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

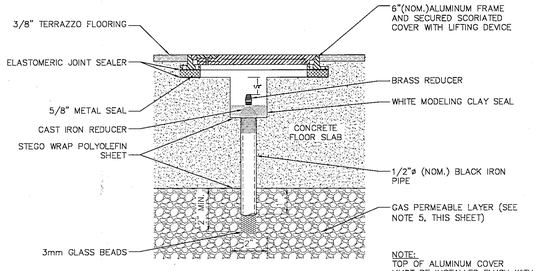
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM
DETAILS - PHASE II
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

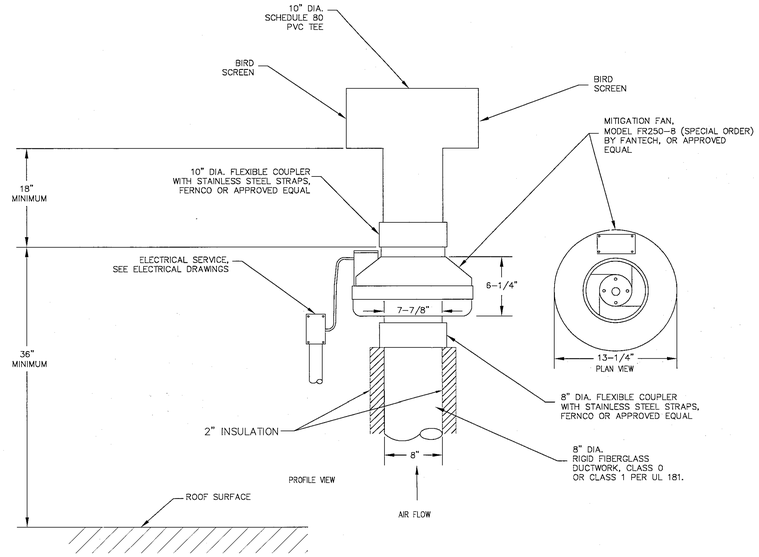
STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 12/9/13 | SCALE: N.T.S. | DWG. NO. 28014094 | SHEET 2 OF 2

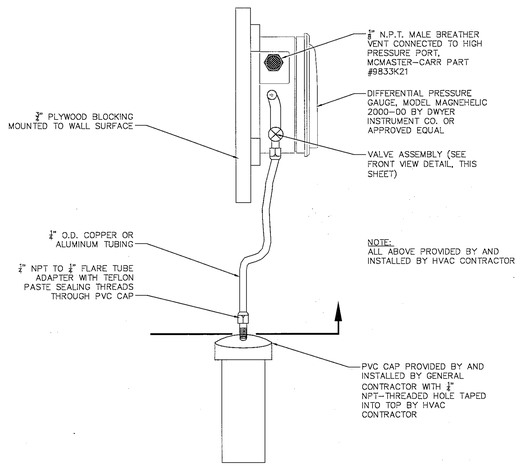


1 EM002 SUB-SLAB DIFFERENTIAL PRESSURE PIPE FOR FIELD MONITORING

PROFILE VIEW



2 EM002 FANTECH'S FR SERIES MODEL FR 250-8



3 EM002 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE INSTALLATION

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

7. SEE DETAIL SHEET EM001 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM002

STATE OF NEW YORK · JOSEPH L. FLORIO · No. 056775 · LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR.

PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS (CONT.)

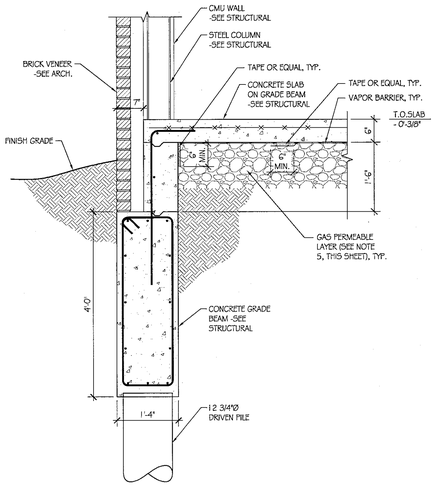
ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

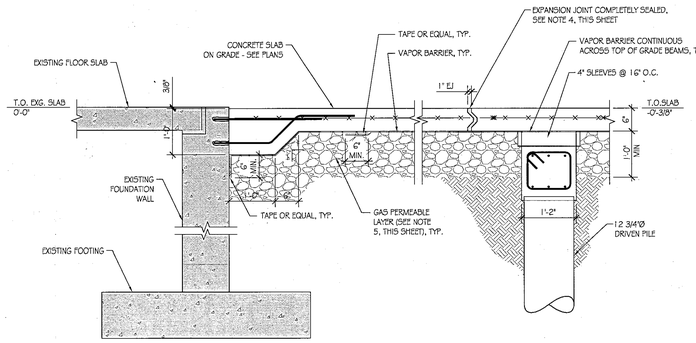
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

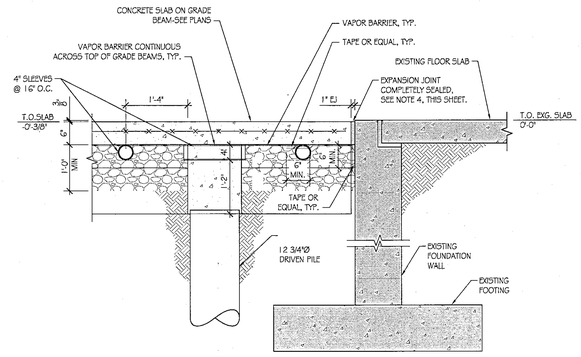
DATE:	SCALE:	DWG. NO.	SHEET
2/26/13	N.T.S.	28014086	3 OF 3



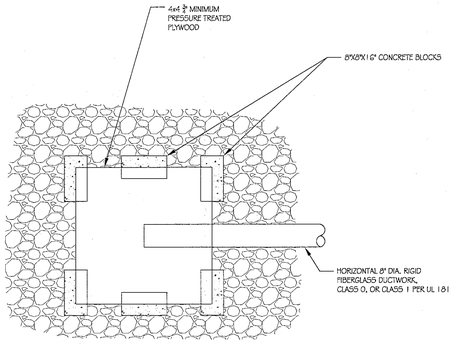
1 EM001 GRADE BEAM AND PILE DETAIL
N.T.S.



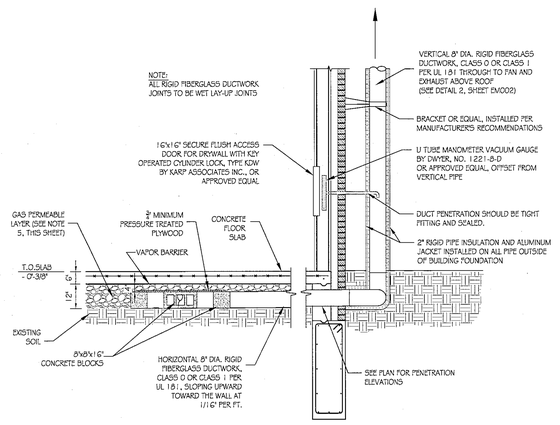
2 EM001 GRADE BEAM AND PILE DETAIL
N.T.S.



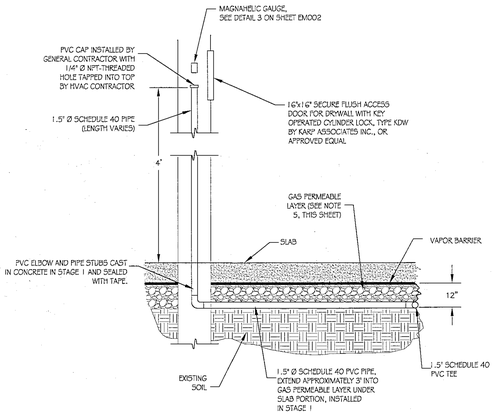
3 EM001 GRADE BEAM AND PILE DETAIL
N.T.S.



4 EM001 COLLECTION PLENUM BOX
PLAN VIEW (N.T.S.)



5 EM001 COLLECTION PLENUM BOX AND DEPRESSURIZATION PIPE
PROFILE VIEW (N.T.S.)



6 EM001 SUB-SLAB DIFFERENTIAL PRESSURE GAUGE STUB-OUT
PROFILE VIEW (N.T.S.)

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

3. ALL PENETRATIONS NEED TO BE TIGHT FITTING AND SEALED.

4. ELASTOMERIC JOINT SEALER OR FILLER WILL BE SIKAFLEX-1A ONE PART POLYURETHANE, ELASTOMERIC SEAL AND ADHESIVE, SONOLASTIC NP1 ELASTOMERIC JOINT FILLER CAULK, OR EQUAL.

5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

7. SEE DETAIL SHEET EM001 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM001

STATE OF NEW YORK
ROBERT L. ALDRICH
No. 088779
LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

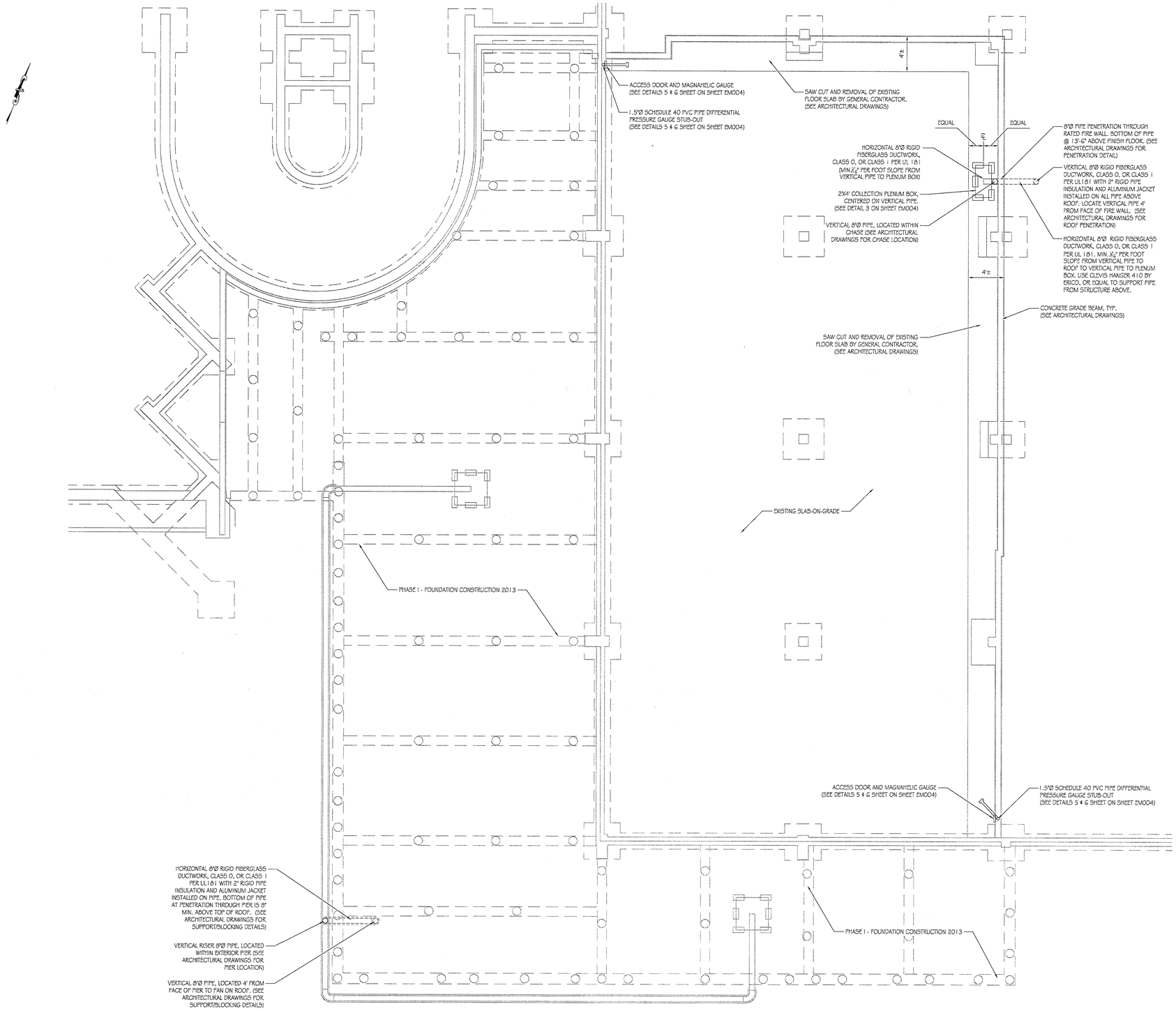
ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 2/26/13 | SCALE: N.T.S. | DWG. NO. 28014085 | SHEET 2 OF 3



PLAN VIEW
SCALE: 3/16" = 1'-0"

NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL 15 MIL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

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5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER PLACED IN TRENCH AS BACKFILL WILL BE CLEAN CRUSHED STONE OR CLEAN CRUSHED GRAVEL MEETING AASHTO M43 SIZE NO. 57 SPECIFICATIONS.

7. SEE DETAIL SHEET EM004 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM003

STATE OF NEW YORK · RONALD L. ALDRICH · LICENSED PROFESSIONAL ENGINEER · No. 058779

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NO.	DATE	RECORD OF WORK	DRN	CKD	APPR

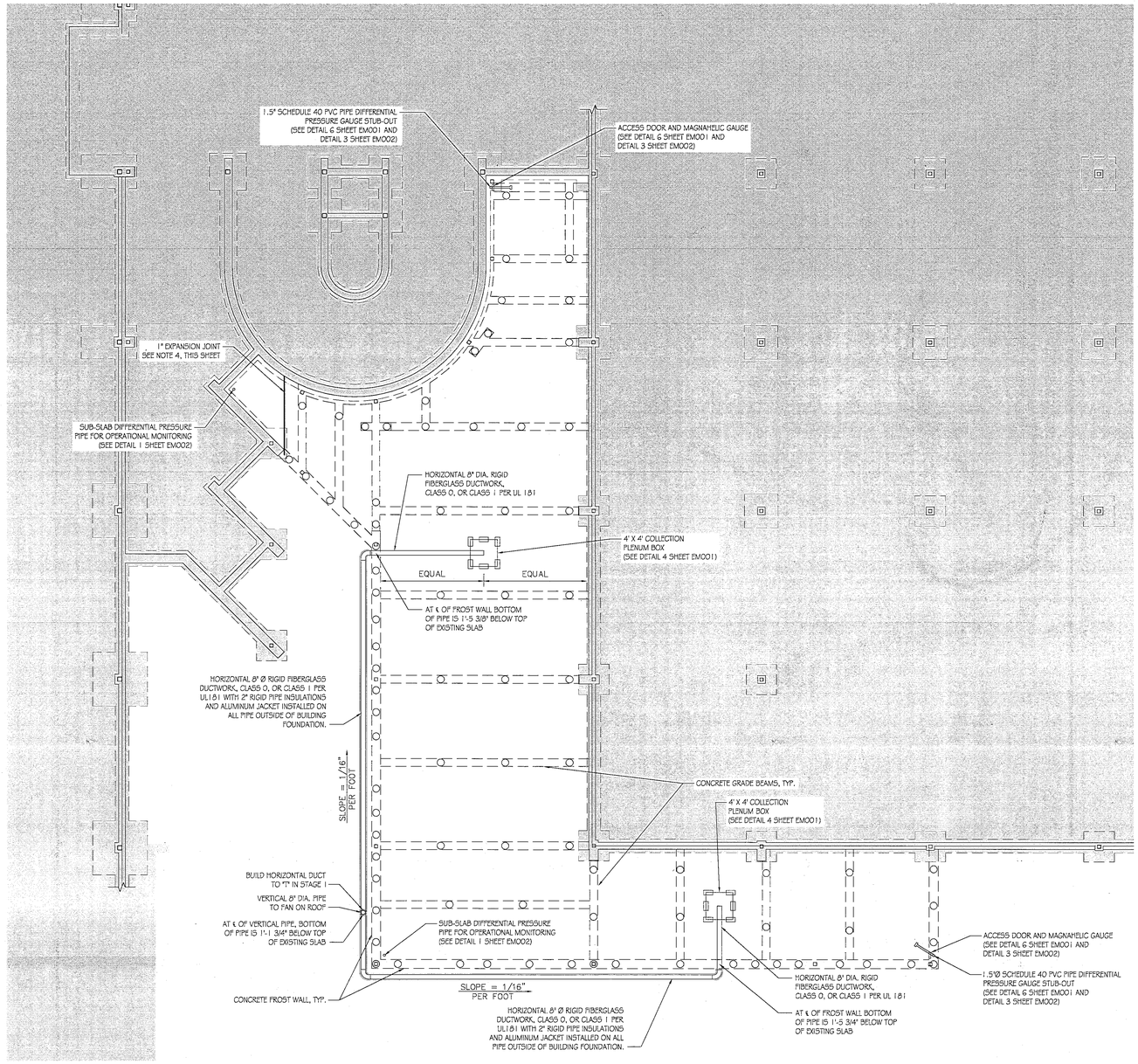
PROJECT	
PROJ. ENGR.:	R.L. Aldrich, P.E.
PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

0 8 16 32
(IN FEET)
1/16 inch = 1 ft.

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM
PLAN VIEW - PHASE II
ELMIRA CITY SCHOOL DISTRICT
SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET
CITY OF ELMIRA CHEMUNG CO., N.Y.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

DATE: 12/9/13 | SCALE: 3/16"=1'-0" | DWG. NO. 28014093 | SHEET 1 OF 2



NOTES:

1. FOR ALL SOLID PIPE, DUCT, AND FITTINGS, INCH DIMENSION REFERS TO NOMINAL DIAMETER.

2. VAPOR BARRIER WILL BE STEGO WRAP, VIPER, OR EQUAL VAPOR BARRIER MEETING ASTM E1745 CLASS A.

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5. TAPE WILL BE STEGO TAPE OR EQUAL WITH EFFECTIVE ADHESION TO VAPOR BARRIER AND CONCRETE.

6. GAS PERMEABLE LAYER WILL BE CRUSHED STONE OR CRUSHED GRAVEL MEETING NYSDOT DESIGNATION 703-2 SIZE 2 ON TABLE 703-4.

7. SEE DETAIL SHEET EM001 FOR TYPICAL VAPOR BARRIER DETAILS.

SHEET EM000

STATE OF NEW YORK · JERRY L. ALDRICH · 080174 · LICENSED PROFESSIONAL ENGINEER

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PROJ. NO.:	28014
PREPARED BY:	R.L. Aldrich, P.E.
DRAFTED BY:	S.D. Burton
CHECKED BY:	P.J. Kelleher, P.E.
APPROVED BY:	M.P. Millspaugh, P.E.

NOT TO SCALE

CAFETERIA SUB-SLAB DEPRESSURIZATION SYSTEM
PLAN VIEW

ELMIRA CITY SCHOOL DISTRICT

SOUTHSIDE HIGH SCHOOL, 777 SOUTH MAIN STREET

CITY OF ELMIRA — CHEMUNG CO., N.Y.

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

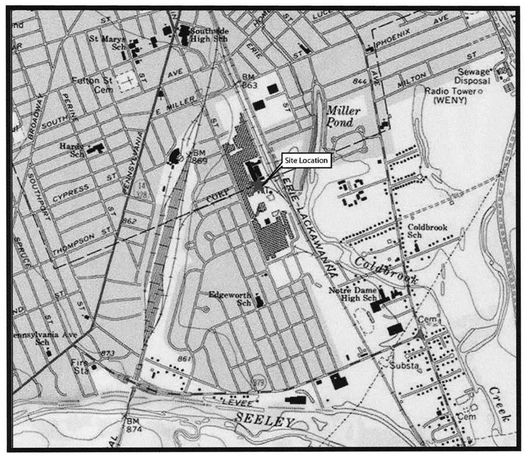
DATE:	2/28/13	SCALE:	N.T.S.	DWG. NO.	28014084	SHEET	1 OF 3

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS

ELMIRA HIGH SCHOOL

777 SOUTH MAIN STREET, ELMIRA, NEW YORK

OCTOBER 2014



LOCATION MAPS

INDEX OF DRAWINGS

DRAWING NO.	TITLE
GENERAL:	
G–1	COVER AND INDEX DRAWING
VENTING:	
V–1	VAPOR MITIGATION SYSTEM SCHEMATIC – FIRST FLOOR PLAN
V–2	VAPOR MITIGATION SYSTEM SCHEMATIC – SECOND FLOOR PLAN
V–3	VAPOR MITIGATION SYSTEM SCHEMATIC – ROOF PLAN
V–4	DETAILS 1 OF 2
V–5	DETAILS 2 OF 2

PREPARED FOR:

UNISYS CORPORATION

CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD
MS F1B05
EAGAN, MN 55121

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	08/14	WW
2	AS–BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

STATE OF NEW YORK — PETER A. KRASNOPOLER — 089954-1 — LICENSED PROFESSIONAL ENGINEER
10/3/14

COVER AND INDEX OF DRAWINGS

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS–BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: G–1 COVER.DWG

DRAWING NO. G-1

R:\Vapor Intrusion Solutions\MN1622\CAD\Sheet Files\AS-BUILT\G-1 Cover.dwg 10-03-14 10:33:14 AM SCallegos

SP-1
SP-2
SP-3
SP-4
TEE WITH CAPPED PIPE
1
V-4
2
V-4
3
V-4
4
V-4
6
V-5
7
V-5
REFER TO DRAWING MP106 FOR CONTINUATION OF PIPING
REFER TO DRAWING MP107 FOR CONTINUATION OF PIPING
UP TO SECOND FLOOR REFER TO DRAWING MP106 FOR CONTINUATION OF PIPING
ROUTE PIPING DOWN FACE OF WALL CONCEAL WITHIN SHEETROCK SOFFIT, PAINT TO MATCH ADJACENT WALL FINISH.
PIPE GUIDE (TYP)
PIPE ANCHOR (TYP)
2'-0" EXPANSION LOOP
1.5'-0" EXPANSION LOOP
UNIT CFM TYPICAL
CFM FLOW (TYP)
4" CMP/HWS
2-1/2" CMP/HWS
1-1/4" SMR
3/4" SMR
1" SMR
SMR/HWS
CMP/HWS
CMP/HWS
CMP

LEGEND:

● 4 INCH RISER PIPE LOCATION AND ROOF PENETRATION LOCATION

KEY PLAN - SECOND FLOOR
SCALE: NONE
NORTH

SCALE
15 0 15 FEET

REFERENCE:
BASE FILE SECOND FLOOR PLAN PROVIDED BY WEEKS ENGINEERING, TITLED "ELECTRICAL DEMOLITION - UNIT H", SHEET # ED108, PROJECT NO. 1060.11406.1, DATED 10/09/2007, CAD FILE NO. 1060114061_ED108.DWG.

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

STATE OF NEW YORK
ARON A. KRASNOPOLER
089954-1
LICENSED PROFESSIONAL ENGINEER

VAPOR MITIGATION SYSTEM SCHEMATIC – SECOND FLOOR PLAN

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

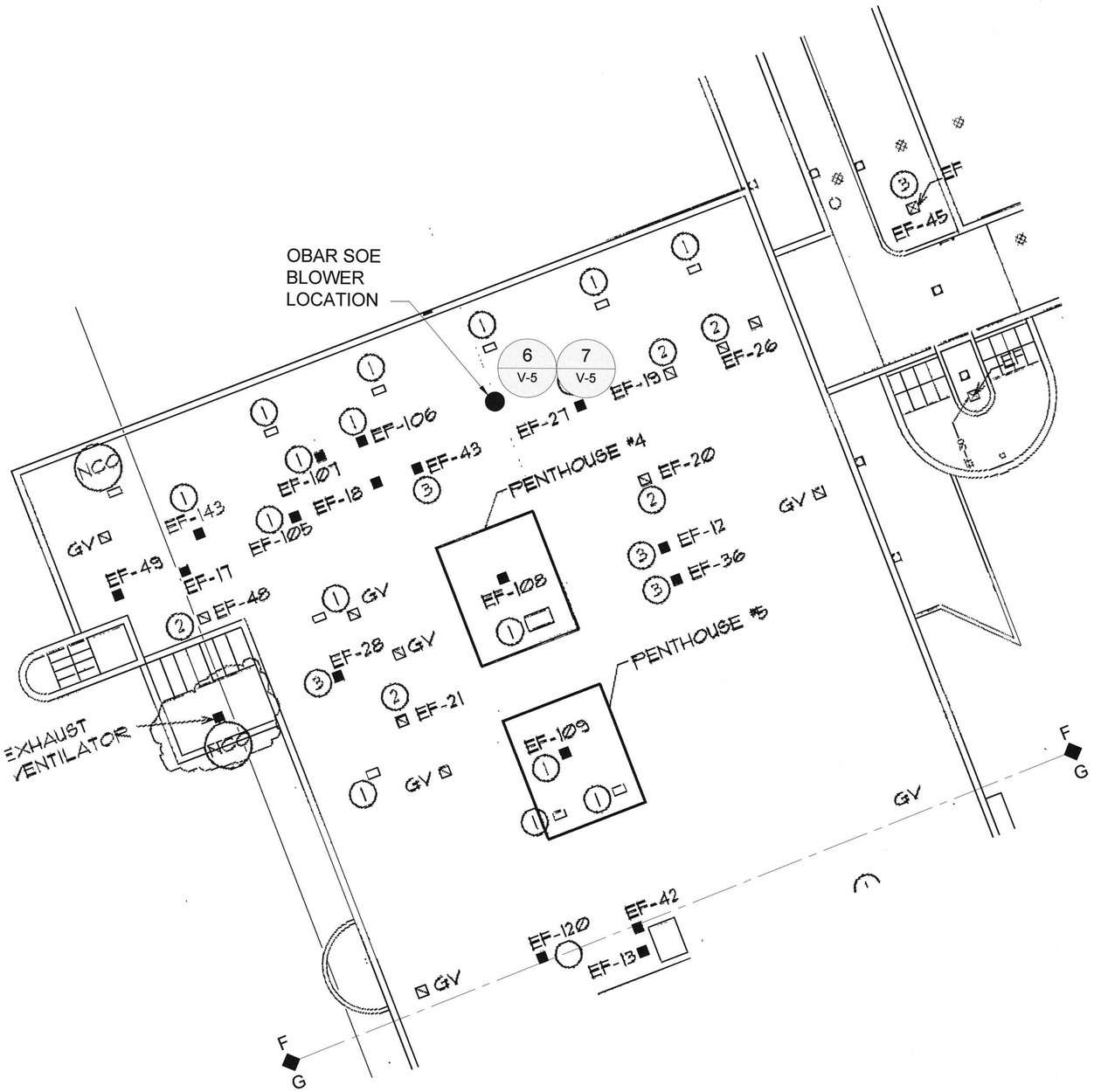
DES BY: PN	DATE:	OCTOBER 2014
DRN BY: SCG	SCALE:	AS SHOWN
CHK BY: EL	PROJECT:	MN0832
REV BY: WW	DOCUMENT:	
APP BY: AK		
FILE: V-2 MITIGATION SYSTEM SCHEMATIC - SECOND FLOOR PLAN.DWG		

DRAWING NO.
V-2

R:\Vapor Intrusion Solutions\NR1622\CAD\Sheet Files\AS-BUILT\V-2 Mitigation System Schematic - Second Floor Plan.dwg 10-03-14 10:38:28 AM Scallegos

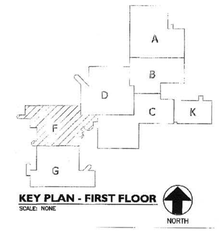
LEGEND:

● 4 INCH RISER PIPE LOCATION AND ROOF PENETRATION LOCATION



REFERENCE:

BASE FILE FLOOR PLAN PROVIDED BY WEEKS ENGINEERING, TITLED "ROOF PLAN", SHEET # A101, PROJECT NO. 1060.11406.1, DATED 10/09/2007, CAD FILE NO. 1060114061_A101.DWG.



KEY PLAN - FIRST FLOOR
SCALE: NONE
NORTH

SCALE
15 0 15 FEET

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

STATE OF NEW YORK · ARON I. KRASNOPOLER · 089954-1 · LICENSED PROFESSIONAL ENGINEER

10/3/14

VAPOR MITIGATION SYSTEM SCHEMATIC – ROOF PLAN

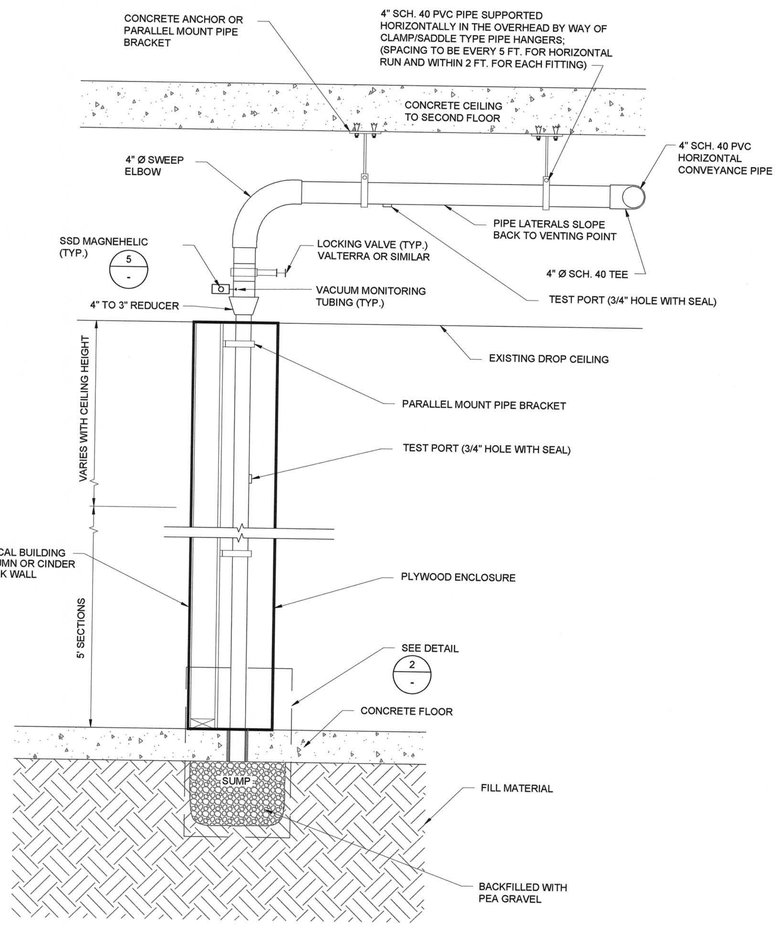
VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: V-3 MITIGATION SYSTEM SCHEMATIC - ROOF PLAN.DWG

DRAWING NO.
V-3

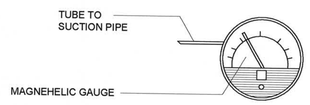
R:\Vapor Intrusion Solutions\MN832\CAD\Sheet Files\VAS-BUILT\V-3 Mitigation System Schematic – Roof Plan.dwg 10-03-14 10:41:04 AM SCallegos



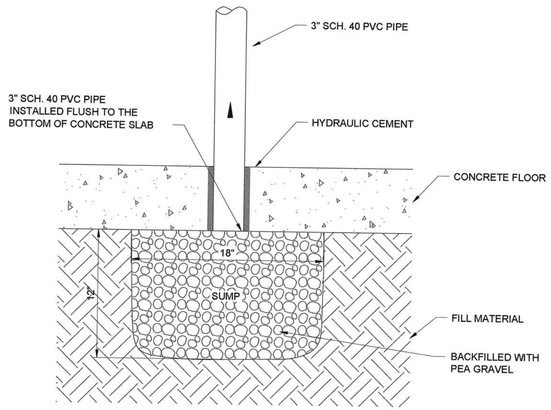
SUCTION POINT SP-1

DETAIL 1 / V-1

N.T.S.



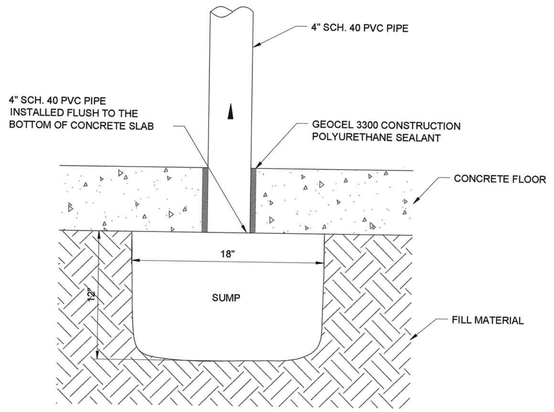
LOW PRESSURE SENSOR MAGNEHELIC DIAGRAM 5 / -



SUMP AND VERTICAL PIPE: SUCTION POINT SP-1

DETAIL 2 / V-1

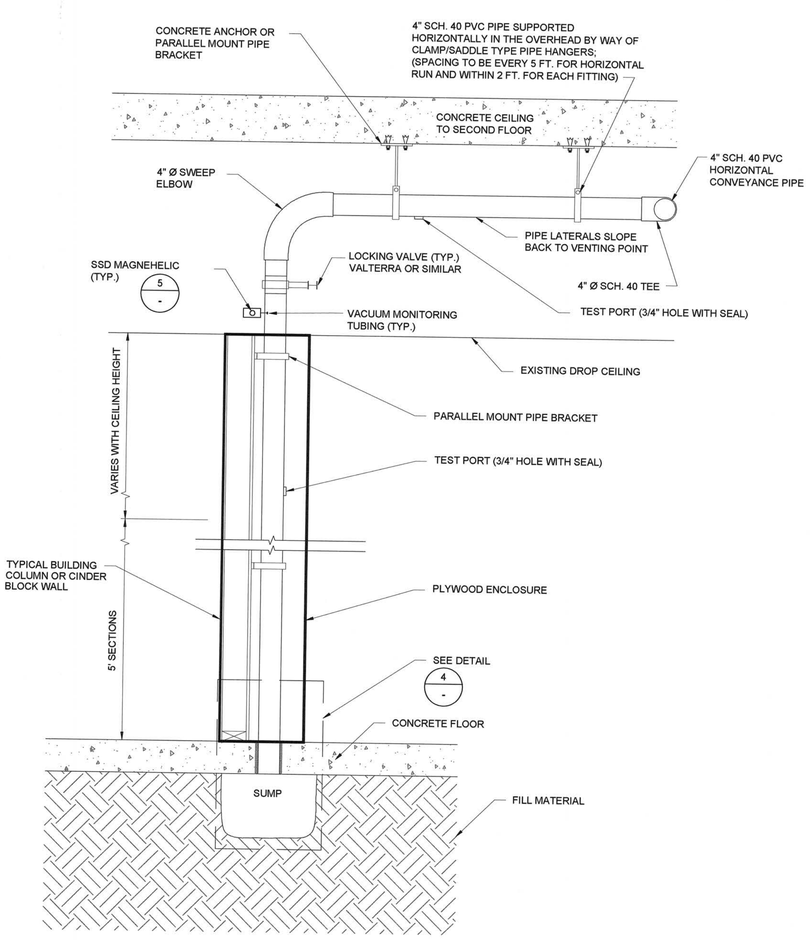
N.T.S.



SUMP AND VERTICAL PIPE: SUCTION POINTS SP-2, SP-3 AND SP-4

DETAIL 4 / V-1

N.T.S.



SUCTION POINTS SP-2, SP-3 AND SP-4

DETAIL 3 / V-1

N.T.S.

0 1" 2"

ORIGINAL SCALE

IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	08/14	WW
2	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

6/3/14

STATE OF NEW YORK ARON A. KRASNOPOLER 069954-1 LICENSED PROFESSIONAL ENGINEER

DETAILS 1 OF 2

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: V-4 AND V-5 DETAILS.DWG

DRAWING NO. V-4

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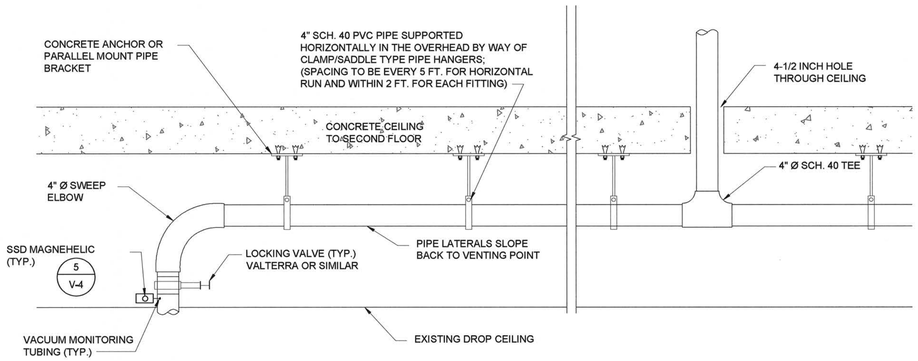

CEILING/FLOOR PENETRATION (TYP)

DETAIL 7 (V-1) 7 (V-2) 7 (V-3)

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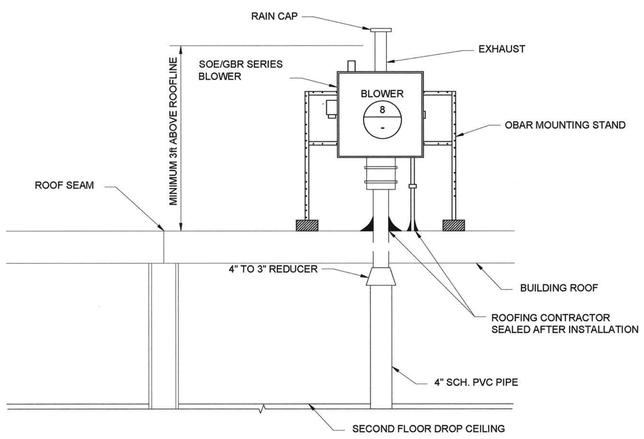

CEILING/ROOF PENETRATION

DETAIL 6 (V-1) 6 (V-2) 6 (V-3)

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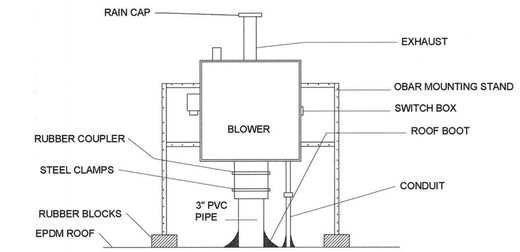
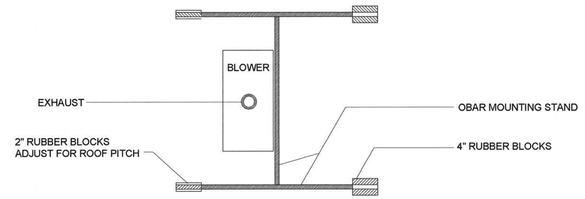
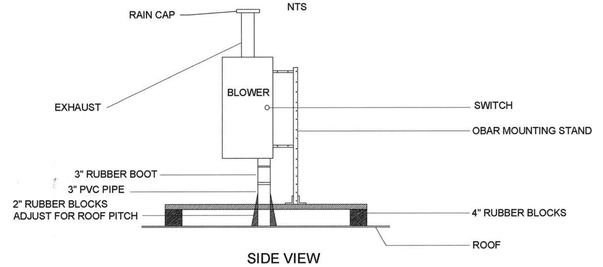


FRONT VIEW
NTS



TOP VIEW
NTS



SIDE VIEW
NTS

SOE/GBR SERIES BLOWER ROOF MOUNT DETAIL

DETAIL 8 (-)

N.T.S.

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0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	08/14	WW
2	AS-BUILT	10/14	EL

ELMIRA HIGH SCHOOL

Geosyntec consultants
130 Research Lane
Suite 2
Guelph, ON N1G 5G3
Phone: 519-822-2230

10/3/14

STATE OF NEW YORK JASON A. KRASNOPOLER 099954-1 LICENSED PROFESSIONAL ENGINEER

DETAILS 2 OF 2

VAPOR MITIGATION SYSTEM AS-BUILT DRAWINGS
ELMIRA HIGH SCHOOL
777 SOUTH MAIN STREET, ELMIRA, NY 14904

AS-BUILT

DES BY: PN	DATE: OCTOBER 2014
DRN BY: SCG	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: V-4 AND V-5 DETAILS.DWG

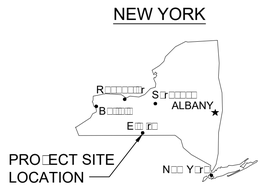
DRAWING NO. V-5

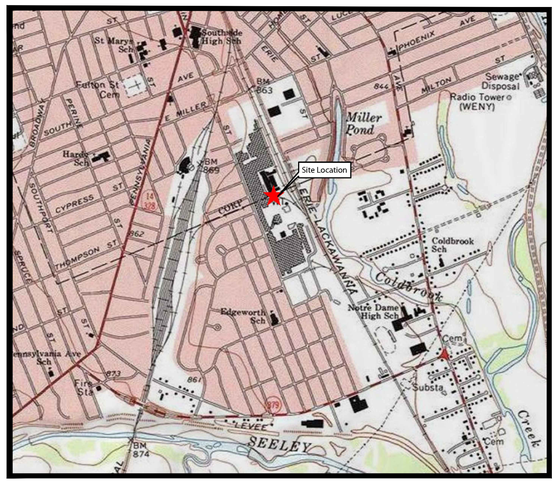
VAPOR MITIGATION SYSTEM AS BUILT DRAWINGS

FORMER SPERRY REMINGTON SITE - NORTH PORTION

777 SOUTH MAIN STREET, ELMIRA, NEW YORK

OCTOBER 2018

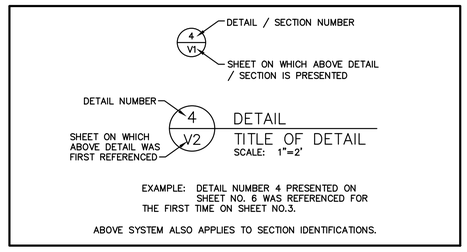




LOCATION MAPS

INDEX OF DRAWINGS

DRAWING NO.	TITLE
GENERAL:	
G–1	COVER AND INDEX DRAWING
V–1	VAPOR MITIGATION SYSTEM SCHEMATIC – FIRST FLOOR PLAN
V–2	DETAILS



DETAIL / SECTION IDENTIFICATION LEGEND

PREPARED FOR:

UNISYS CORPORATION

CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD
MS F1B05
EAGAN, MN 55121

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS			
NO.	DESCRIPTION	DATE	BY

AS BUILT DRAWINGS

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants
10211 Wincopin Circle
4th Floor
Columbia, MD 21044
Phone: 410 381 4333

10/[illegible]/2018

COVER AND INDEX OF DRAWINGS

VAPOR MITIGATION SYSTEM
FORMER SPERRY REMMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET, ELMIRA, NY 14904

MUSIC WING MITIGATION SYSTEM DESIGN	
DES BY: EL	DATE: OCTOBER 2018
DRN BY: RK	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832D
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: AS BLT G-1 COVER.DWG

DRAWING NO. G-1

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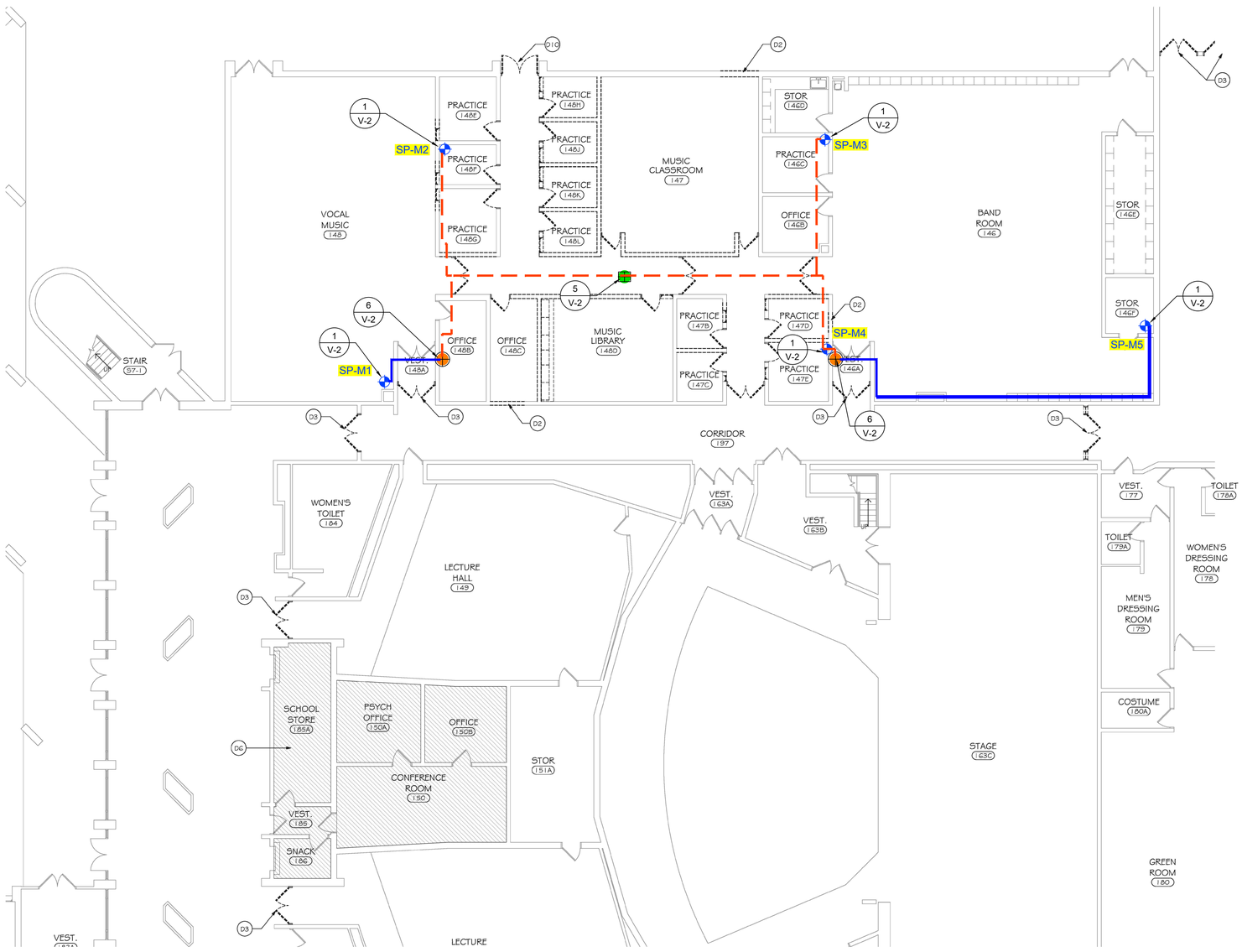
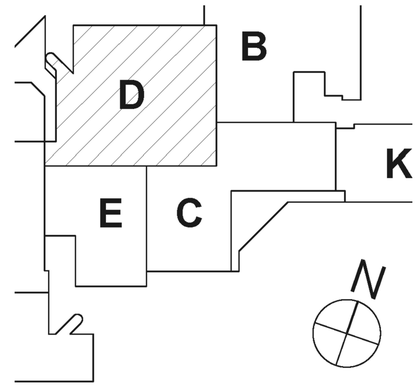


LEGEND

- SUCTION POINT LOCATION
- FIRST FLOOR CEILING PENETRATION LOCATION
- ROOF PENETRATION AND SSD FAN LOCATION
- FIRST FLOOR PIPE ROUTE
- SECOND FLOOR PIPE ROUTE

0 10'
SCALE IN FEET
APPROXIMATE



KEY PLAN

REFERENCE:

BASE FILE FLOOR PLAN FROM A PDF FILE PREPARED BY HUNT ENGINEERS / ARCHITECTS / SURVEYORS TITLED " FIRST FLOOR DEMO PLAN - AREA D" NO DATE LISTED.

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS			
NO.	DESCRIPTION	DATE	BY

AS BUILT DRAWINGS

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants
10211 Wincopin Circle
4th Floor
Columbia, MD 21044
Phone: 410 381 4333

STATE OF NEW YORK · JASON A. KRASNOPOLER · SIGNATURE · 29985AA · LICENSED PROFESSIONAL ENGINEER

VAPOR MITIGATION SYSTEM SCHEMATIC – FIRST FLOOR PLAN

VAPOR MITIGATION SYSTEM
FORMER SPERRY REMMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET, ELMIRA, NY 14904

MUSIC WING MITIGATION SYSTEM DESIGN

DES BY: EL	DATE: OCTOBER 2018
DRN BY: RK	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832D
REV BY: WW	DOCUMENT:
APP BY: AK	
FILE:	

DRAWING NO.
V-1

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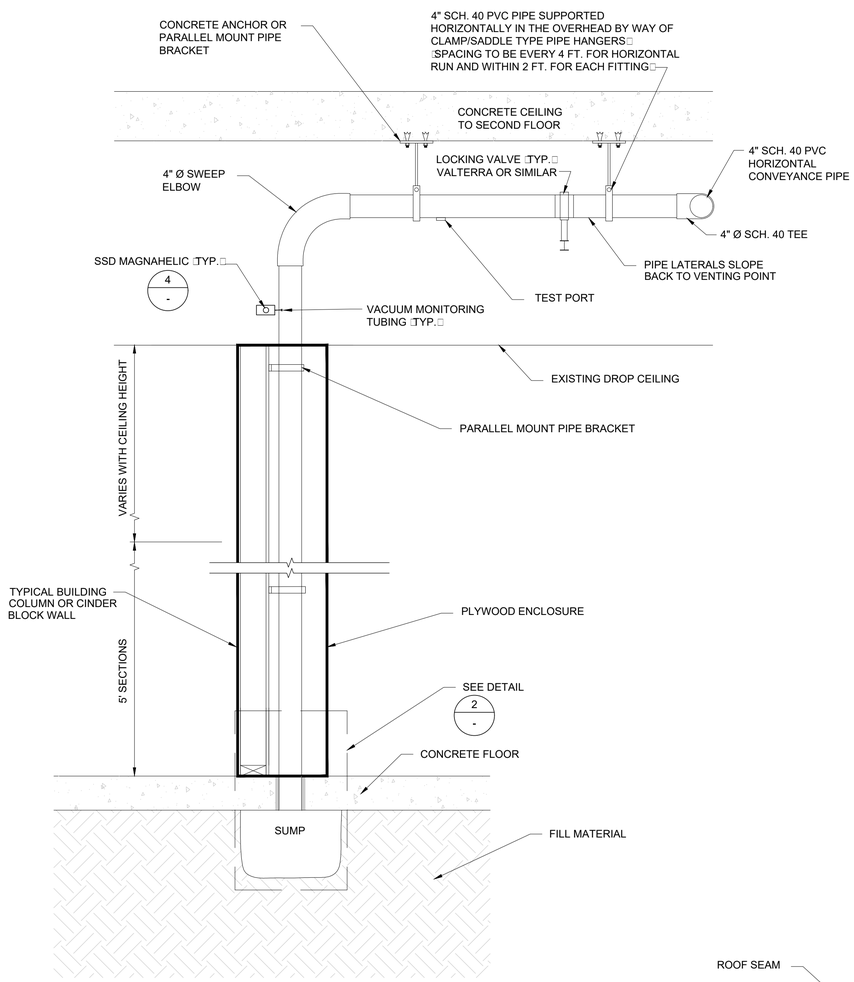
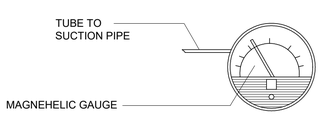
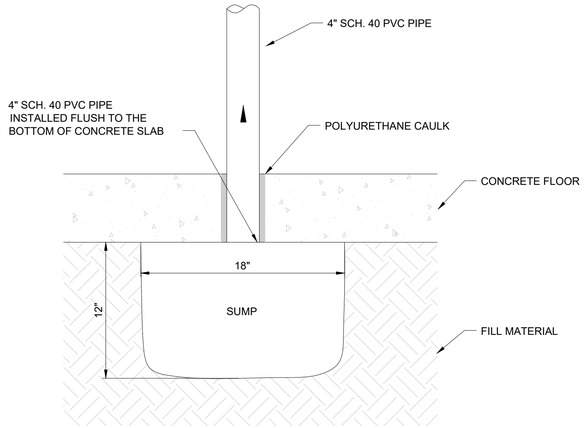


SUCTION POINTS

DETAIL 1 / N.T.S. V-1

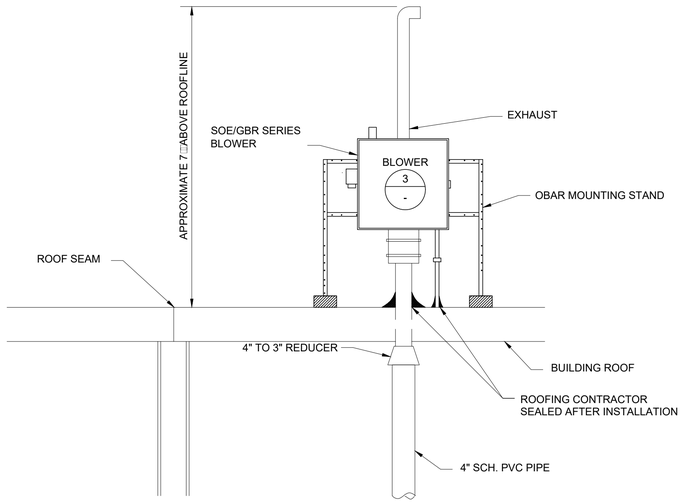


4 - DETAIL LOW PRESSURE SENSOR MAGNEHELIC DIAGRAM



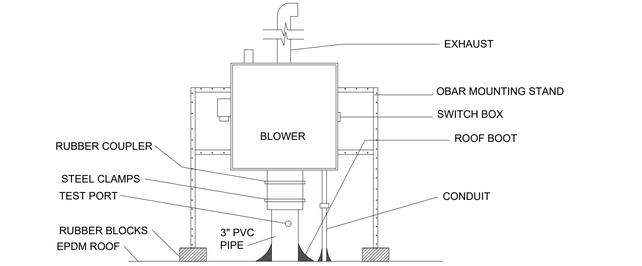
SUMP AND VERTICAL PIPE:

DETAIL 2 / N.T.S. -

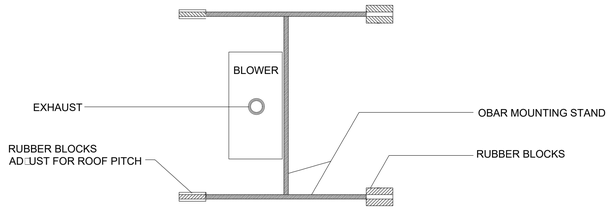


CEILING/ROOF PENETRATION

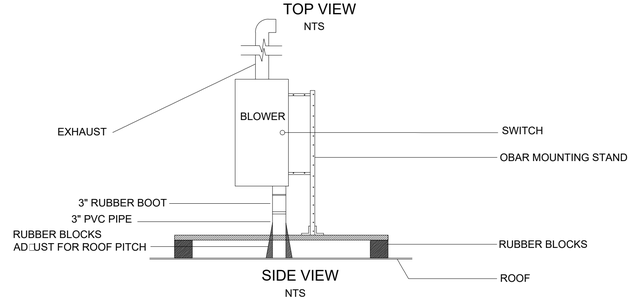
DETAIL 5 / N.T.S. V-1



FRONT VIEW
NTS



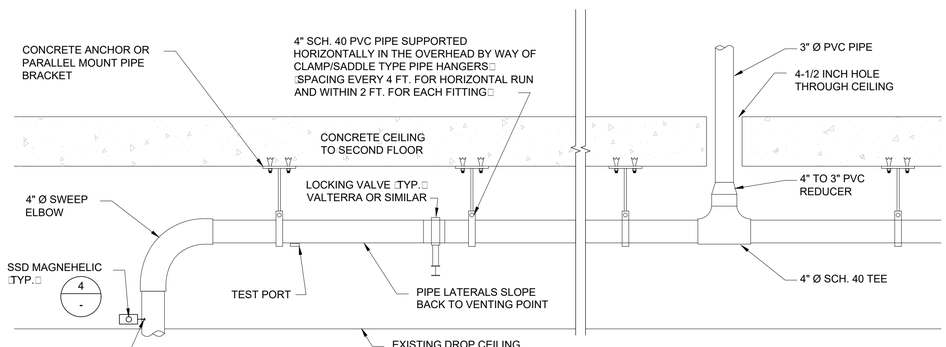
TOP VIEW
NTS



SIDE VIEW
NTS

SOE/GBR SERIES BLOWER ROOF MOUNT DETAIL

DETAIL 3 / N.T.S. -



CEILING/FLOOR PENETRATION □TYP□

DETAIL 6 / N.T.S. V-1

0 1" 2"
ORIGINAL SCALE
IF SCALE BAR DOES NOT MEASURE 1 INCH AND/OR 2 INCH, THEN DRAWING SHEET HAS NOT BEEN PRINTED TO SCALE

REVISIONS

NO.	DESCRIPTION	DATE	BY

AS BUILT DRAWINGS

Beech and Bonaparte engineering p.c.
an affiliate of Geosyntec Consultants
10211 Wincopin Circle
4th Floor
Columbia, MD 21044
Phone: 410 381 4333

STATE OF NEW YORK · JASON A. KRASNOPOLER · 089954 · LICENSED PROFESSIONAL ENGINEER · SIGNATURE
10/5/2018

DETAILS

VAPOR MITIGATION SYSTEM
FORMER SPERRY REMMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET, ELMIRA, NY 14904

MUSIC WING MITIGATION SYSTEM DESIGN

DES BY: EL	DATE: OCTOBER 2018
DRN BY: RK	SCALE: AS SHOWN
CHK BY: EL	PROJECT: MN0832D
REV BY: WW	DOCUMENT:
APP BY: AK	FILE: AS BLT_V-2 DETAILS.DWG

DRAWING NO. V-2

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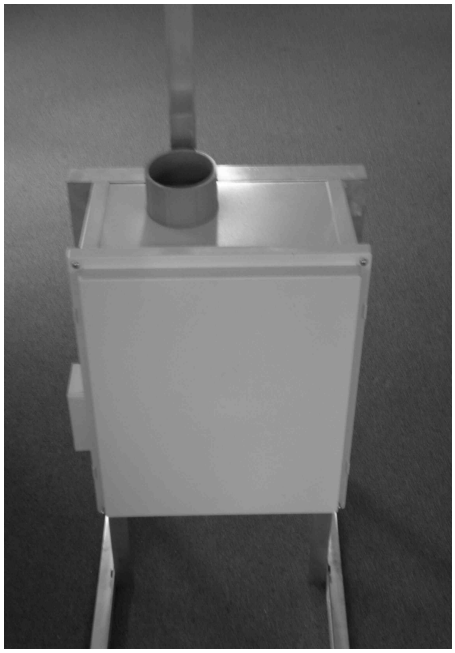
APPENDIX B

SSD EQUIPMENT CUT SHEETS

THE OBAR GBR76
COMPACT RADIAL BLOWER

Based on 25 years of experience and 2 years of research and development, the patent pending GBR series of compact radial blowers provide the perfect combination of performance and design.



GBR76 WITH ROOF MOUNT

PERFORMANCE

- GBR76 SOE 16" WC @ 0 Max flow 155 CFM.
- GBR76 UD 40" WC @ 0 Max flow 195 CFM.
- Built in speed control to customize performance.
- Condensate bypass built in.
- 12 month warranty 40,000 hr sealed bearings.

DESIGN

- Our modular design means the blower and manifold assembly can be removed and replaced as a unit. This makes repairs cost effective and easy and allows contractors to upgrade systems simply by swapping assemblies.
- The GBR series is based on a bypass blower designed to handle combustible materials.
- The housing is not required to be air tight so you can add gauges and alarms without compromising the system.
- Built in condensate bypass.
- Built in speed control.
- Quick disconnect electrical harness.
- All UL listed components including UL listed enclosure for outside use.
- Wall fastening lugs included.
- GBR series roof and wall mounts available to quickly configure the blowers for your installation while providing a custom built look.
- Compact design 16"x 14"x 8" weighing only 18 lbs.
- 3" schedule 40 inlet and exhaust.
- Universal Drive accepts voltage from 120-240V without alteration

COST	GBR76 SOE	GBR76 UD
COMPLETE UNIT	**$1289.00**	**$1489.00**
3 YEAR WARRANTY	**$395.00**	**$450.00**

GBR76 SOE	0”	2”	4”	6”	8”	10”	12”	16”	Wattage
SOE 16	150	140	129	118	105	90	75	35	150-320
SOE 12	125	115	100	83	62	39	0		110-200
SOE 8	105	90	70	42	0				60-120
SOE 4	75	50	0						37-50

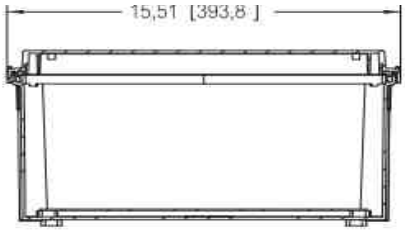
GBR SOE performance using built in potentiometer set at sealed vacuums of 16, 12, 8, and 4” WC

GBR76 UD	0”	10”	20”	30”	37”	Wattage
110V	195	158	118	63	20	700-870
220V	197	162	130	89	50	800-1100

Blower Specifications

Notes:

- **Input Voltage Range:** 108-132 Volts AC RMS, 50/60 Hz, single phase.
- **Input Current:** 6 amps AC RMS
- **Operating Temperature (Ambient Air and Working Air):** 0°C to 50°C
- **Storage Temperature:** -40°C to 85°C
- **Dielectric Testing:** 1500 Volts AC RMS 60 Hz applied for one second between input pins and ground, 3mA leakage maximum.
- **Speed Control Methods:** PWM (Pulse Width Modulation) (1 kHz to 10 kHz)
  0 to 10 VDC speed control.
  Mechanical: A potentiometer is available for speed control of the blower. The potentiometer can be preset for a specific speed. Access for speed adjustment located in motor housing.
- **Approximate Weight:** 4.8 Lbs. / 2.2 Kg
- **Regulatory Agency Certification:** Underwriters Laboratories Inc. UL507 Recognized under File E94403 and compliant under the CE Low Voltage Directive 2006/95/EC.
- **Design Features:** Designed to provide variable airflow for low NOx & CO emission in high efficiency gas fired combustion systems. Built with non-sparking materials. Blower housing assembly constructed of die cast aluminum. Impeller constructed from hardened aluminum. Rubber isolation mounts built into blower construction to dampen vibration within the motor. Two piece blower housing assembly sealed with O-ring gasket for combustion applications. Customer is responsible to check for any leakage once the blower is installed into the final application.
- **Miscellaneous:** Blower inlet, discharge, and all motor cooling inlet and discharge vents must not be obstructed. Motor ventilation air to be free of oils and other foreign particles, (i.e. breathing quality air). Blower is to be mounted so ventilation air cannot be re-circulated.
  POWER CONNECTION: Blower connector, AMP Universal MATE-N-LOK, part no. 1-350943-0.
  SPEED CONNECTION: Blower connector, Molex Mini-Fit Jr., part no. 39-30-3056.
  Mating harnesses available upon request.



Screw cover

Enclosure Specifications

Rating:

Ingress Protection (EN 60529): 66/67

Electrical insulation: Totally insulated

Halogen free (DIN/VDE 0472, Part 815): yes

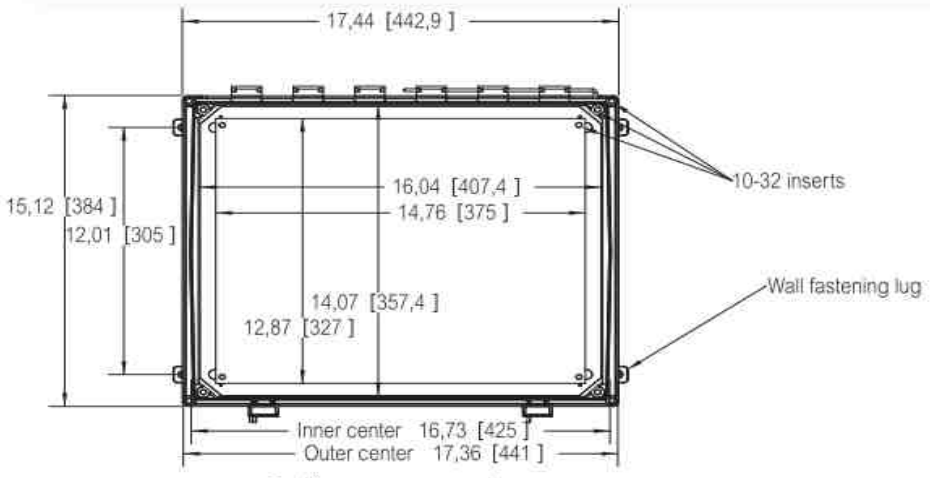
UV resistance: UL 508

Flammability Rating (UL 746 C 5): complies with UL 508

Glow Wire Test (IEC 695-2-1) °C: 960

NEMA Class: UL Type 4, 4X, 6, 6P, 12 and 13

Certificates: Underwriters Laboratories



Top View - cover removed

Series 2000 Magnehelic® Differential Pressure Gages

Indicate Positive, Negative or Differential, Accurate within 1%

Select the **Series 2000 Magnehelic® Gage** for a versatile low differential pressure gage with a wide choice of 81 models and 27 options to choose from. Using Dwyer's simple, frictionless Magnehelic® gage movement, it quickly indicates air or noncorrosive gas pressures--either positive, negative (vacuum) or differential. The design resists shock, vibration, over-pressures and is weatherproof to IP67. Select the **-HA High Accuracy Magnehelic® Gage** option for an accuracy within 1% of full scale, located below in the **Product Configurator**. Also included with the –HA option at no extra cost are a mirrored scale overlay and a 6 point calibration certificate.

Note: May be used with Hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.

View All Product Images

Please see **Series AT22000** for ATEX approved.

DID YOU KNOW that you can add YOUR logo to our Magnehelic® Gage, call customer service for details.

SHARE

Product Applications

- Filter Monitoring • Air Velocity with Dwyer Pitot Tube • Blower Vacuum Monitoring
- Fan Pressure Indication • Duct, Room or Building Pressures
- Clean Room Positive Pressure Indication

Ordering | Specifications | Features | Options | Support Library | Approvals | Drawings | Accessories | Videos | Model Chart | FAQ | Related Products | Apps | Photo Downloads | Reviews

Specifications

Service:	Air and non-combustible, compatible gases (natural gas option available). Note: May be used with hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.
Wetted Materials:	Consult factory.
Housing:	Die cast aluminum case and bezel, with acrylic cover, Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.

Accuracy:	±2% (-HA model ±1) of FS (±3% (-HA ±1.5%) on -0, -100PA, -125PA, -10MM and ±4% (-HA ±2%) on -00, -60PA, -6MM ranges), throughout range at 70°F (21.1°C).
Pressure Limits:	-20 in Hg. to 15 psig.† (-0.677 bar to 1.034 bar); MP option; 35 psig (2.41 bar), HP option; 80 psig (5.52 bar).
Enclosure Rating:	IP67.
Overpressure:	Relief plug opens at approximately 25 psig (1.72 bar), standard gages only. See Overpressure Protection note on Catalog page.
Temperature Limits:	20 to 140°F (-6.67 to 60°C). -20°F (-28°C) with low temperature option.
Size:	4" (101.6 mm) diameter dial face.
Mounting Orientation:	Diaphragm in vertical position. Consult factory for other position orientations.
Process Connections:	1/8" female NPT duplicate high and low pressure taps - one pair side and one pair back.
Weight:	1 lb 2 oz (510 g); MP & HP 2 lb 2 oz (963 g).
Standard Accessories:	Two 1/8" NPT plugs for duplicate pressure taps, two 1/8" pipe thread to rubber tubing adapters and three flush mounting adapterswith screws. (Mounting and snap ring retainer substituted for three adapters in MP & HP gage accessories.)
Agency Approval:	Meets the technical requirements of EU Directive 2011/65/EU (RoHS II). Note: -SP models not RoHS approved.

Note: For applications with high cycle rate within gage total pressure rating, next higher rating is recommended. See Options Page.

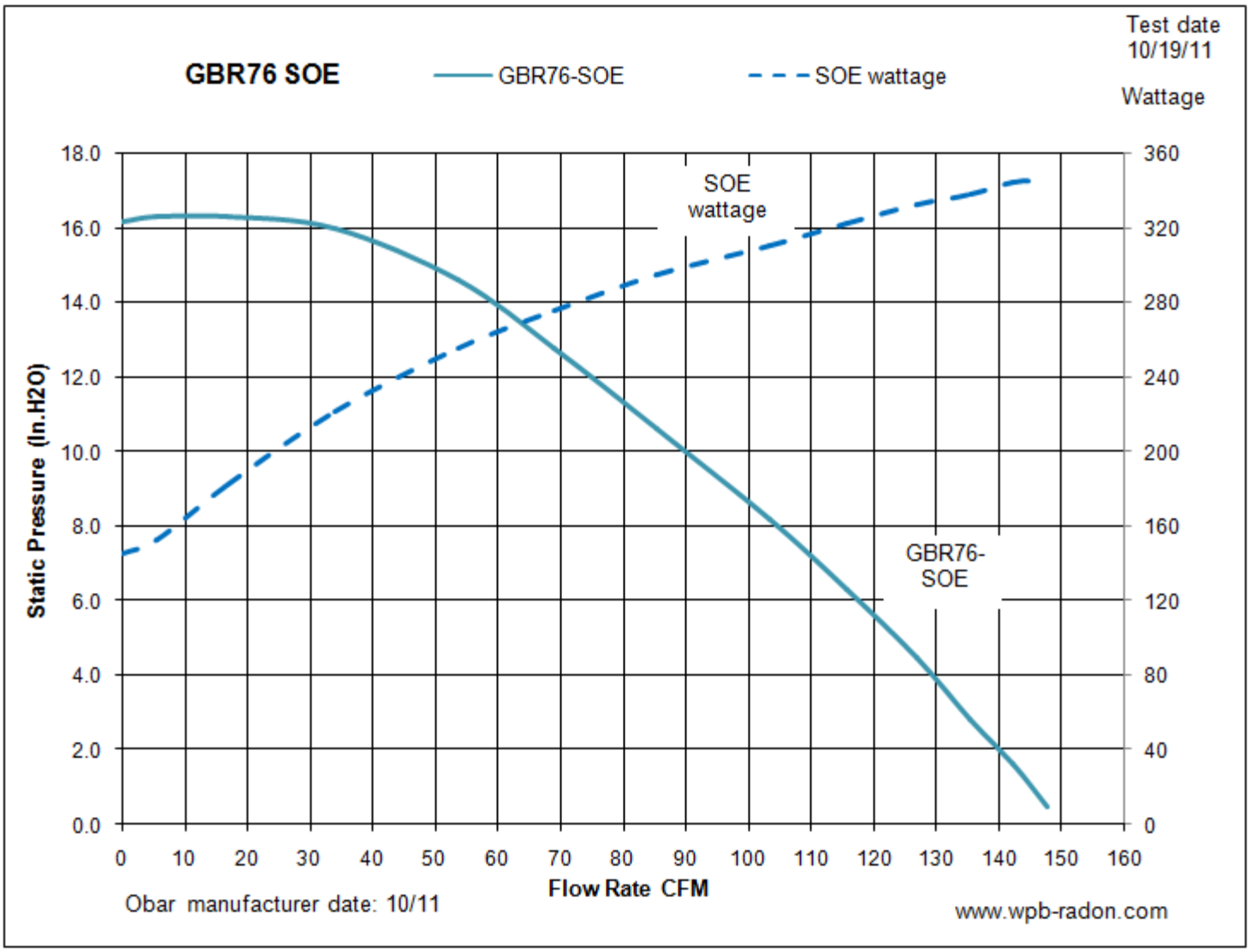
DESCRIPTION ADDITIONAL INFORMATION REVIEWS (0)

Description

* GBR76 SOE 16" WC @ 0 Max flow 155 CFM.
* Built in speed control to customize performance.
* Condensate bypass built in.
* 12 month warranty 40,000 hr sealed bearings.

DESIGN

* Our modular design means the blower and manifold assembly can be removed and replaced as a unit. This makes repairs cost effective and easy and allows contractors to upgrade systems simply by swapping assemblies.
* The GBR series is based on a bypass blower designed to handle combustible materials.
* The housing is not required to be air tight so you can add gauges and alarms without compromising the system.
* Built in condensate bypass.
* Built in speed control.
* Quick disconnect electrical harness.
* All UL listed components including UL listed enclosure for outside use.
* Wall fastening lugs included.
* GBR series roof and wall mounts available to quickly configure the blowers for your installation while providing a custom built look.
*Compact design 16"x 14"x 8" weighing only 18 lbs.
* 3" schedule 40 inlet and exhaust.
* Universal Drive accepts voltage from 120-240V without alteration

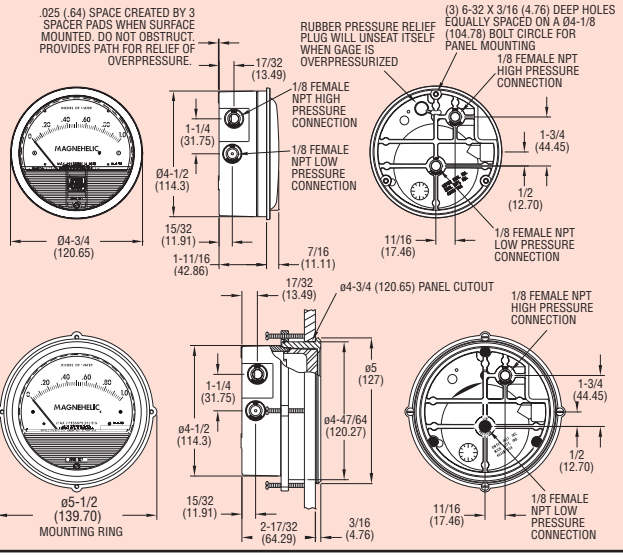

GBR76 SOE
GBR76-SOE
SOE wattage
Test date
10/19/11
Wattage
SOE
wattage
GBR76-
SOE
Static Pressure (In.H2O)
Flow Rate CFM
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
360
320
280
240
200
160
120
80
40
0
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
Obar manufacturer date: 10/11
www.wpb-radon.com

Series 2000

Magnehelic® Differential Pressure Gages

Indicate Positive, Negative or Differential, Accurate within 2%

RoHS



Select the Dwyer® Magnehelic® gage for high accuracy – guaranteed within 2% of full-scale – and for the wide choice of 81 models available to suit your needs precisely. Using Dwyer's simple, frictionless Magnehelic® gage movement, it quickly indicates low air or non-corrosive gas pressures – either positive, negative (vacuum) or differential. The design resists shock, vibration and over-pressures. No manometer fluid to evaporate, freeze or cause toxic or leveling problems. It's inexpensive, too.

The Magnehelic® gage is the industry standard to measure fan and blower pressures, filter resistance, air velocity, furnace draft, pressure drop across orifice plates, liquid levels with bubbler systems and pressures in fluid amplifier or fluidic systems. It also checks gas-air ratio controls and automatic valves, and monitors blood and respiratory pressures in medical care equipment.

Mounting

A single case size is used for most models of Magnehelic® gages. They can be flush or surface mounted with standard hardware supplied. Although calibrated for vertical position, many ranges above 1″ may be used at any angle by simply re-zeroing. However, for maximum accuracy, they must be calibrated in the same position in which they are used. These characteristics make Magnehelic® gages ideal for both stationary and portable applications. A 4-9/16″ hole is required for flush panel mounting. Complete mounting and connection fittings, plus instructions, are furnished with each instrument. See pages 6 and 7 for more information on mounting accessories.

Flush, Surface or Pipe Mounted

Enclosure Mounted

SPECIFICATIONS

Service: Air and non-combustible, compatible gases (natural gas option available).
Note: May be used with hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.
Wetted Materials: Consult factory.
Housing: Die cast aluminum case and bezel, with acrylic cover. Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.
Accuracy: ±2% of FS (±3% on - 0, -100 Pa, -125 Pa, 10MM and ±4% on - 00, -60 Pa, -6MM ranges), throughout range at 70°F (21.1°C).
Pressure Limits: -20 in Hg to 15 psig† (-0.677 to 1.034 bar); MP option: 35 psig (2.41 bar); HP option: 80 psig (5.52 bar).
Overpressure: Relief plug opens at approximately 25 psig (1.72 bar), standard gages only. See Overpressure Protection Note on next page.
Temperature Limits: 20 to 140°F*
(-6.67 to 60°C). -20°F (-28°C) with low temperature option.
Size: 4″ (101.6 mm) diameter dial face.
Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.
Process Connections: 1/8″ female NPT duplicate high and low pressure taps - one pair side and one pair back.
Weight: 1 lb 2 oz (510 g), MP & HP 2 lb 2 oz (963 g).
Standard Accessories: Two 1/8″ NPT plugs for duplicate pressure taps, two 1/8″ pipe thread to rubber tubing adapter, and three flush mounting adapters with screws. (Mounting and snap ring retainer substituted for three adapters in MP & HP gage accessories.)
Agency Approval: RoHS. **Note:** -SP models not RoHS approved.
†For applications with high cycle rate within gage total pressure rating, next higher rating is recommended. See Medium and High pressure options at lower left.

ACCESSORIES

Model A-432 Portable Kit
Combine carrying case with any Magnehelic® gage of standard range, except high pressure connection. Includes 9 ft (2.7 m) of 3/16″ ID rubber tubing, standhang bracket and terminal tube with holder **$48.00**

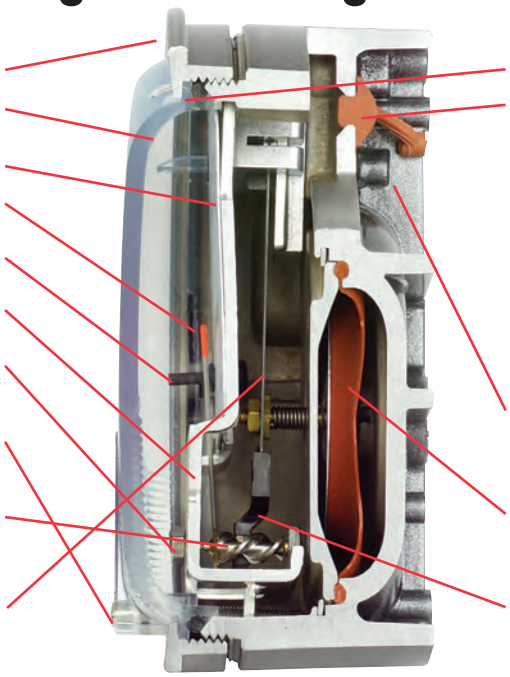
Model A-605 Air Filter Gage Accessory Kit
Adapts any standard Magnehelic® gage for use as an air filter gage. Includes aluminum surface mounting bracket with screws, two 5 ft (1.5 m) lengths of 1/4″ aluminum tubing two static pressure tips and two molded plastic vent valves, integral compression fittings on both tips and valves **35.00**

A-605B Air Filter Gage Accessory Kit, Air filter kit with two plastic open/close valves, two 4″ steel static tips, plastic tubing and mounting flange **26.00**

A-605C Air Filter Gage Accessory Kit, Air filter kit with two plastic open/close valves, two plastic static tips, plastic tubing and mounting flange **21.00**

Series 2000

Magnehelic® Gage Models & Ranges



Bezel provides flange for flush mounting in panel.

Clear plastic face is highly resistant to breakage. Provides undistorted viewing of pointer and scale.

Precision litho-printed scale is accurate and easy to read.

Red tipped pointer of heat treated aluminum tubing is easy to see. It is rigidly mounted on the helix shaft.

Pointer stops of molded rubber prevent pointer over-travel without damage.

"Wishbone" assembly provides mounting for helix, helix bearings and pointer shaft.

Jeweled bearings are shock-resistant mounted; provide virtually friction-free motion for helix. Motion damped with high viscosity silicone fluid.

Zero adjustment screw is conveniently located in the plastic cover, and is accessible without removing cover. O-ring seal provides pressure tightness.

Helix is precision made from an alloy of high magnetic permeability. Mounted in jeweled bearings, it turns freely, following the magnetic field to move the pointer across the scale.

Calibrated range spring is flat spring steel. Small amplitude of motion assures consistency and long life. It reacts to pressure on diaphragm. Live length adjustable for calibration.

O-ring seal for cover assures pressure integrity of case.

OVERPRESSURE PROTECTION
Blowout plug is comprised of a rubber plug on the rear which functions as a relief valve by unseating and venting the gage interior when over pressure reaches approximately 25 psig (1.7 bar). To provide a free path for pressure relief, there are four spacer pads which maintain 0.023″ clearance when gage is surface mounted. Do not obstruct the gap created by these pads. The blowout plug is not used on models above 180″ of water pressure, medium or high pressure models, or on gages which require an elastomer other than silicone for the diaphragm. The blowout plug should not be used as a system overpressure control. High supply pressures may still cause the gage to fail due to over pressurization, resulting in property damage or serious injury. Good engineering practices should be utilized to prevent your system from exceeding the ratings or any component.

Die cast aluminum case is precision made and iridite-dipped to withstand 168 hour salt spray corrosion test. Exterior finished in baked dark gray hammerloid. One case size is used for all standard pressure options, and for both surface and flush mounting.

Silicone rubber diaphragm with integrally molded O-ring is supported by front and rear plates. It is locked and sealed in position with a sealing plate and retaining ring. Diaphragm motion is restricted to prevent damage due to overpressures.

Samarium Cobalt magnet mounted at one end of range spring rotates helix without mechanical linkages.

Model	Range Inches of Water	Price
2000-00N†••	.05-0-.2	$77.45
2000-00†••	0-.25	73.00
2000-0†•	0-.50	63.50
2001	0-1.0	63.50
2002	0-2.0	63.50
2003	0-3.0	63.50
2004	0-4.0	63.50
2005	0-5.0	63.50
2006	0-6.0	63.50
2008	0-8.0	63.50
2010	0-10	63.50
2012	0-12	63.50
2015	0-15	63.50
2020	0-20	63.50
2025	0-25	63.50
2030	0-30	63.50
2040	0-40	63.50
2050	0-50	63.50
2060	0-60	63.50
2080	0-80	63.50
2100	0-100	63.50
2120	0-120	63.50
2150	0-150	63.50
2160	0-160	88.50
2180*	0-180	190.00
2250*	0-250	190.00
Zero Center Ranges		
2300-00†••	0.125-0-0.125	$74.00
2300-0†•	.25-0-.25	74.00
2301	.5-0-.5	74.00
2302	1-0-1	74.00
2304	2-0-2	74.00
2310	5-0-5	74.00
2320	10-0-10	74.00
2330	15-0-15	74.00

Model	Range PSI	Price
2201	0-1	$67.95
2202	0-2	67.95
2203	0-3	67.95
2204	0-4	67.95
2205	0-5	67.95
2210*	0-10	169.45
2215*	0-15	169.45
2220*	0-20	169.45
2230**	0-30	242.00

Model	Range, CM of Water	Price
2000-15CM	0-15	$63.50
2000-20CM	0-20	63.50
2000-25CM	0-25	63.50
2000-50CM	0-50	63.50
2000-80CM	0-80	63.50
2000-100CM	0-100	63.50
2000-150CM	0-150	67.95
2000-200CM	0-200	67.95
2000-250CM	0-250	67.95
2000-300CM	0-300	67.95
Zero Center Ranges		
2300-4CM	2-0-2	$78.45
2300-10CM	5-0-5	78.45
2300-30CM	15-0-15	78.45

†These ranges calibrated for vertical scale position.
• Accuracy +/-3%
• • Accuracy +/-4%
*MP option standard
**HP option standard

Model	Range MM of Water	Price
2000-6MM†••	0-6	$73.00
2000-10MM†•	0-10	63.50
2000-15MM	0-15	63.50
2000-25MM	0-25	63.50
2000-30MM	0-30	63.50
2000-50MM	0-50	63.50
2000-80MM	0-80	63.50
2000-100MM	0-100	63.50
2000-125MM	0-125	63.50
2000-150MM	0-150	63.50
2000-200MM	0-200	63.50
2000-250MM	0-250	63.50
2000-300MM	0-300	63.50
Zero Center Ranges		
2300-6MM†••	3-0-3	$99.00
2300-10MM†•	5-0-5	74.00
2300-20MM†•	10-0-10	74.00

Model	Range, Pa	Price
2000-60NPA†••	10-0-50	$77.45
2000-60PA†••	0-60	73.00
2000-100PA†•	0-100	63.50
2000-125PA†•	0-125	63.50
2000-250PA	0-250	63.50
2000-300PA	0-300	63.50
2000-500PA	0-500	63.50
2000-750PA	0-750	63.50
2000-1000PA	0-1000	63.50
Zero Center Ranges		
Model	**Range, Pa**	**Price**
2300-60PA†••	30-0-30	$74.00
2300-100PA†•	50-0-50	74.00
2300-120PA	60-0-60	74.00
2300-200PA	100-0-100	74.00
2300-250PA	125-0-125	74.00
2300-300PA	150-0-150	74.00
2300-500PA	250-0-250	74.00
2300-1000PA	500-0-500	74.00

Model	Range, kPa	Price
2000-0.5KPA	0-0.5	$63.50
2000-1KPA	0-1	63.50
2000-1.5KPA	0-1.5	63.50
2000-2KPA	0-2	63.50
2000-2.5KPA	0-2.5	63.50
2000-3KPA	0-3	63.50
2000-4KPA	0-4	63.50
2000-5KPA	0-5	63.50
2000-8KPA	0-8	63.50
2000-10KPA	0-10	63.50
2000-15KPA	0-15	63.50
2000-20KPA	0-20	63.50
2000-25KPA	0-25	63.50
2000-30KPA	0-30	63.50
Zero Center Ranges		
2300-1KPA	.5-0-.5	$74.00
2300-2KPA	1-0-1	74.00
2300-2.5KPA	1.25-0-1.25	74.00
2300-3KPA	1.5-0-1.5	74.00

Dual Scale Air Velocity Units
For use with pitot tube

Model	Range in W.C./ Velocity F.P.M.	Price
2000-00AV†••	0-.25/ 300-2000	$98.00
2000-0AV†•	0-.50/ 500-2800	88.50
2001AV	0-1.0/ 500-4000	67.95
2002AV	0-2.0/ 1000-5600	67.95
2005AV	0-5.0/ 2000-8800	67.95
2010AV	0-10/ 2000-12500	67.95

Dual Scale English/Metric Models

Model	Range, in w.c.	Range, Pa or kPa	Price
2000-00D†••	0-.25	0-62 Pa	$73.00
2000-0D†•	0-0.5	0-125 Pa	67.95
2001D	0-1.0	0-250 Pa	67.95
2002D	0-2.0	0-500 Pa	67.95
2003D	0-3.0	0-750 Pa	67.95
2004D	0-4.0	0-1.0 kPa	67.95
2005D	0-5.0	0-1.25 kPa	67.95
2006D	0-6.0	0-1.5 kPa	67.95
2008D	0-8.0	0-2.0 kPa	67.95
2010D	0-10	0-2.5 kPa	67.95
2015D	0-15	0-3.7 kPa	67.95
2020D	0-20	0-5 kPa	88.50
2025D	0-25	0-6.2 kPa	88.50
2050D	0-50	0-12.4 kPa	88.50
2060D	0-60	0-15 kPa	88.50

VELOCITY AND VOLUMETRIC FLOW UNITS
Scales are available on the Magnehelic® that read in velocity units (FPM, m/s) or volumetric flow units (SCFM, m^3/s, m^3/h). Stocked velocity units with dual range scales in inches w.c. and feet per minute are shown above. For other ranges contact the factory.
When ordering volumetric flow scales please specify the maximum flow rate and its corresponding pressure. Example: 0.5 in w.c. = 16,000 CFM.

ACCESSORIES
A-321, Safety Relief Valve **34.00**
A-448, 3-piece magnet kit for mounting Magnehelic® gage directly to magnetic surface **10.75**
A-135, Rubber gasket for panel mounting **1.50**

A-310A 3-Way Vent Valves **$16.50**
In applications where pressure is continuous and the Magnehelic® gage is connected by metal or plastic tubing which cannot be easily removed, we suggest using Dwyer A-310A vent valves to connect gage. Pressure can then be removed to check or re-zero the gage.

FR Series
Inline Exhaust Fans

Fantech's versatile FR Series Inline Fans provide the ideal answer for a variety of air movement problems in residential and commercial applications. The fans feature a plastic housing constructed of UL-recognized, UV protected thermoplastic resin. This tough protective shell allows the fan to be mounted in outdoor and wet locations*. FR fans feature external rotor motors that have proven dependable year after year. Fan is fully caulked to prevent moisture from entering the housing.

Applications

FR fans can be used for multiple point exhaust applications, crawl space venting or make-up air supply, They are also widely used as booster fans to move air from one room or area to another. These fans are not designed for nor should be used for radon applications.

Air-tight seam

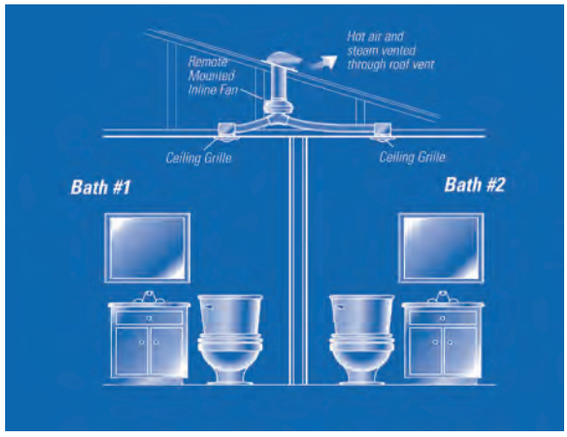
The FR series inline fans are joined via a vibration welding process. This welding process results in a fused, single-piece housing. The fused seam is inherently air tight, very strong and permanent. An air-tight fan ensures that efficiency is not lost and contaminants are not spilled due to leakage.

Features and Benefits

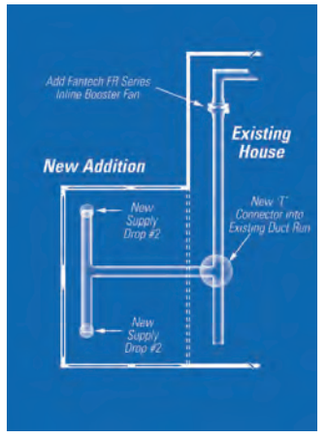
- 137 to 341 CFM
- 4" to 6" (102 to 152 mm) duct diameter
- Supplied with a mounting bracket for easy installation
- Approved for residential and commercial applications and for wet locations
- Suitable for airstream temperatures up to 140° F (60°C)
- Easy connection using external wiring box with waterproof gasket
- 100% speed controllable
- UL Listed
- 5 year warranty

Applications

Dual bath applications - commercial or residential



New addition



*The FR Series is not manufactured to operate with water running through the motor compartment, or to be used in applications where the fan would be buried underground. A UL-recognized waterproof conduit should be used for all outdoor applications to prevent moisture entry via knowckout in wiring.

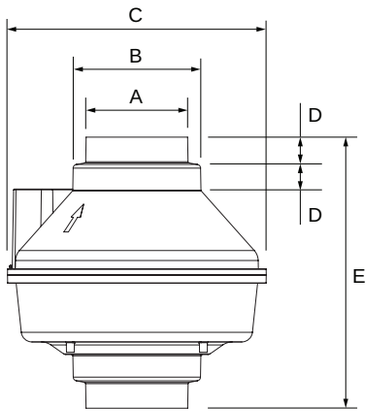
FR Series

Specification Data

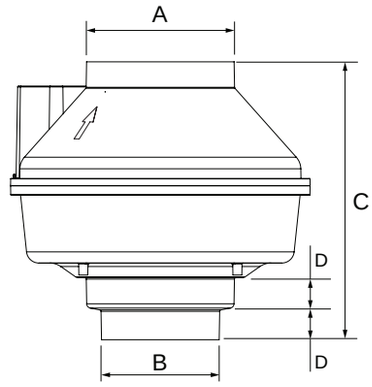
Model	ENERGY STAR	Rated power	Voltage / phase	Max amps	0.0" P_s	0.2" P_s	0.4" P_s	0.6" P_s	0.8" P_s	1.0" P_s	1.5" P_s	Max P_s	Shipping weight	
		W	V / ~	A	cfm							in.wg	lbs	kg
FR100	•	19	120/1	0.17	150	122	93	62	17	-	-	0.9	6	3
FR110		80	120/1	0.72	187	167	147	128	111	87	50	2.0	7	3
FR125	•	19	120/1	0.17	171	137	96	60	-	-	-	0.85	6	3
FR140		61	120/1	0.53	214	190	162	132	99	46	-	1.15	8	4
FR150	•	68	120/1	0.59	323	286	243	199	160	122	38	1.7	8	4
FR160		116	120/1	0.99	341	295	249	198	160	130	76	2.0	8	4

Performance shown is for installation type D - Ducted inlet, Ducted outlet. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtanances in the airstream.
• This products earned the ENERGY STAR® by meeting strict efficiency guidelines.

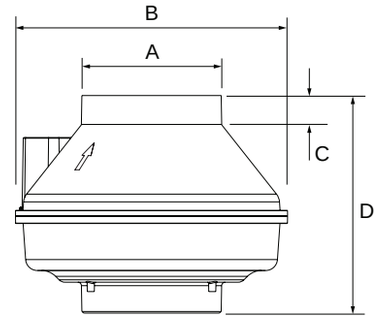
Dimensions



FR 100 / 110



FR 125



FR 140 / 150 / 160

Model	A	B	C	D	E
FR 100 / 110	3 31/32 (111)	4 31/32 (127)	10 (256)	1 (25)	10 9/16 (268)
FR 125	5 31/32 (152)	3 31/32 (101)	9 3/8 (238)	1 (25)	-

Model	A	B	C	D
FR 140 / 150	5 7/8 (149)	11 1/2 (295)	1 1/4 (32)	9 1/4 (234)
FR 160	5 7/8 (149)	11 1/2 (295)	1 1/4 (32)	9 1/4 (234)

All dimensions in inches (mm).

Accessories

FC
Mounting Clamps

FTD 7
7 Day Timer

FD 60EM
Electronic Timer

SCD
Speed Control

WC 15
Speed Control

FH 20
Dehumidistat

Systemair Inc. • September, 2018 • Art. 450399

Customer Support:
Canada 800.565.3548 • CANADAsupport@fantech.net • www.fantech.net

Fantech reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.

fantech®
a systemair company

APPENDIX L
QUALITY ASSURANCE PROJECT PLAN

Geosyntec consultants
engineers | scientists | innovators

B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

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

FORMER SPERRY REMINGTON SITE – NORTH PORTION
777 SOUTH MAIN STREET
CITY OF ELMIRA, CHEMUNG COUNTY, NY
NYSDEC PROJECT 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.
10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Project Number MN0832L

September 2023

QUALITY ASSURANCE PROJECT PLAN (QAPP)/
FIELD SAMPLING PLAN (FSP)
SITE MANAGEMENT PLAN
FORMER SPERRY REMINGTON SITE – NORTH PORTION
NYSDEC PROJECT C808022

Geosyntec Consultants
10211 Wincopin Circle, 4th Floor
Columbia, Maryland 21044

Prepared by: _____ Date: 9/29/2023

Erin LaCosta –Professional

Reviewed by: _____ Date: 9/29/2023

Aron Krasnopoler – Geosyntec Engineer of Record

Approved by: _____ Date: 9/29/2023

Kristoffer Henderson - Geosyntec Quality Assurance Manager

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ABBREVIATIONS AND ACRONYMS

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

NTU	nephelometric turbidity unit
NYSDEC	New York State Department of Environmental Conservation
ORP	oxidation-reduction potential
PAOC	potential areas of concern
PARCC	precision, accuracy, representativeness, comparability, and completeness
PCBs	polychlorinated biphenyls
PPE	personal protective equipment
PID	photoionization detector
RL	reporting limit
TAL	target analyte list
TCL	target compound list
QA	quality assurance
QAM	Quality Assurance Manager
QAPP	Quality Assurance Project Plan
QC	quality control
RPD	relative percent difference
SHS	Southside High School
SMP	Site Management Plan
SOPs	Standard Operating Procedures SPT standard penetration testing
SVOCs	semi-volatile organic compounds
TPH	total petroleum hydrocarbons
USEPA	United States Environmental Protection Agency
VOA	volatile organic analysis
VOC	volatile organic compound
%	percent
$\mu g/m^3$	micrograms per cubic meter

1. INTRODUCTION

This Quality Assurance Project Plan (QAPP)/Field Sampling Plan (FSP) was prepared by Geosyntec Consultants, Inc. and its New York affiliate B&B Engineers & Geologists of New York, P.C. (collectively Geosyntec) to present the quality assurance/quality control (QA/QC) measures and describe methods and procedures that will be followed during completion of the site characterization activities for the Former Sperry Remington Site – North Portion #c808022 (Site) on the property of Elmira High School (EHS) located at 777 South Main Street in Elmira, Chemung County, New York. This QAPP/FSP was developed using the guidelines presented in United States Environmental Protection Agency (USEPA), *Requirements for Quality Assurance Project Plans, EPA Quality Assurance/R-5* (USEPA, 2001) and the guidance presented in the New York State Department of Environmental Conservation (NYSDEC) DER-10 *Technical Guidance for Site Investigation and Remediation* (NYSDEC, 2010).

This plan provides direction for sampling activities associated with the interim Site Management Plan (SMP) for the Site, which include: i) post-remediation vapor intrusion (VI) sampling; ii) soil stockpile sampling, and iii) post-excavation confirmation sampling. The sampling program was designed to document the performance of Institutional and Engineering Controls (ICs and ECs) presented in the interim SMP.

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

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

1.1 Project Objectives/Problem Definition

This QAPP/FSP pertains to sampling activities described in the interim SMP. The general purpose of the Site Management Plan is to address ICs and ECs to control potential exposure to compounds

of potential concern (COPCs) that may be present in soil, groundwater and soil vapor on EHS property to ensure protection of public health and the environment. Sampling activities presented in the interim SMP include:

- Post-remediation soil vapor intrusion sampling to document no potential exposure to faculty, staff, and students or other users of the school building where sub-slab depressurization (SSD) systems have been installed as ECs;
- Remedial sampling of SSD vent stacks;
- Sampling of stockpiles of excavated soils to screen for potential reuse or off-Site disposal in accordance with the Excavation Work Plan (EWP); and
- Post-excavation confirmation sampling to document COPCs remaining in soil in accordance with the EWP.

1.2 Project Organization

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

- Unisys Corporation Project Manager, Terry Etter, P.E. Mr. Etter is primarily responsible for the project direction and decisions concerning technical issues and strategies, budget and schedule.
- Project Director, Jen Huha, P.G., Geosyntec Consultants. Ms. Huha will provide strategic direction to the project team as well as oversight and guidance during project execution. She will also verify that adequate resources are available, and client expectations are met.
- Project Manager, Kaitlin Ouverson, P.E., B & B Engineers and Geologists of New York, P.C. Ms. Ouverson has responsibility for technical, financial, and scheduling matters and overall management of the project.
- Engineer of Record, Aron Krasnopoler, Ph.D., P.E., B & B Engineers and Geologists of New York, P.C. Dr. Krasnopoler has responsibility for engineering oversight of ISMP site inspection and monitoring, corrective measures and intrusive activities below protective cover.
- Soil Vapor Intrusion Sampling Manager, Eric Lovenduski, Geosyntec. Mr. Lovenduski has the overall responsibility for completion of post-remediation VI sampling activities in accordance with the interim SMP and QAPP/FSP and is the communication link between the Geosyntec Project Manager and Engineer of Record and the field team for those tasks.

- Excavation Quality Assurance Representative, Miranda Stelmach, Geosyntec. Ms. Stelmach has the overall responsibility for completion of sampling activities during excavations not associated with remedial activities in accordance with the EWP and QAPP/FSP and is the communication link between the Geosyntec Project Manager and the excavation contractor.
- Database Manager, Dave Towsey, Geosyntec. Mr. Towsey has the responsibility for maintaining the project database, archiving project data files, uploading laboratory electronic data deliverables (EDDs) and data qualifiers into the project database, and data transmittal to regulating agencies.
- Quality Assurance Manager (QAM), Kristoffer Henderson, Geosyntec. Mr. Henderson will have the overall responsibility for QA. Mr. Henderson or his designee will communicate directly to the Geosyntec Project Manager and Laboratory Manager on matters pertaining to QA, data validation, and laboratory analyses.
- Health and Safety Officer, Miranda Stelmach, Geosyntec. Ms. Stelmach will be responsible for safely implementing field activities and ensuring that they comply with the Site Health and Safety Plan (HASP).
- Analytical Laboratories, Eurofins Pittsburgh Laboratory and Eurofins Air Toxics, Inc. Folsom Laboratory (ATL). The Eurofins Pittsburgh Laboratory will be responsible for solid sample analyses for the project. Eurofins Air Toxics, Inc. Folsom Laboratory will be responsible for indoor air vapor sample analyses. The laboratories will ultimately be responsible for the data produced and will ensure that laboratory data are generated in compliance with this QAPP/FSP, NYSDEC Analytical Services Protocols, internal laboratory procedures, and other applicable guidance.
- Subcontractors. Geosyntec will procure various subcontractors to implement the Work Plan scope of work. The subcontractors are responsible for conducting the work in accordance with the SMP, contractual agreements and for communicating any issues concerning the budget, schedule, or achievement of the technical specifications to the Geosyntec Field Team Leader.

Resumes for Geosyntec personnel identified above are provided for reference in **Appendix C.1**.

1.3 QAPP Revision or Amendment

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

2. DATA QUALITY OBJECTIVES AND CRITERIA

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

2.1 Data Quality Objectives for Measurement Data

The overall quality objective of the project is to provide valid data of known and documented quality from environmental media (soil and indoor air) to adequately document the performance of ICs and ECs.

During the investigation and site management, laboratory analyses of environmental samples will serve as the primary sources of data to document the performance of ICs and ECs. In addition, the following field activities will generate supporting data:

- Field instrument (photoionization detector) screening of soil samples and soil vapor samples;
- Visual inspection and documentation of observed conditions.

Table C.1 summarizes the screening criteria for solid samples that will be used for soil management under the EWP. **Table C.2** presents target analytes and their reporting limits (RLs) for indoor and outdoor air samples. **Table C.3** presents target analytes and their reporting limits (RLs) for SSD stack samples. Additional information pertaining to indoor air data quality and stack effluent quality is included in **Appendix C.2 and Appendix C.3, respectively**.

2.2 Project Quality Assurance/Quality Control Objectives

Data from a certified laboratory analysis of field samples will serve as the primary basis for reaching final conclusions from the Site Characterization. These data will be derived through standard methods and will be assessed through measures of precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) parameters to determine any potential limitations applicable to the data and its suitability for meeting the DQOs of this QAPP/FSP. The QC criteria are defined in this section, along with analytical methods and project-required RLs.

2.2.1 Precision

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

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

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

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

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

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

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

(iii) RPD = 25% for air samples if both results are greater than five times the quantitation limit

RPD values are shown in **Tables C.1** for MS/MSD and LCS/LCSD results for solid. RPD values for indoor air and outdoor air are shown in **Appendix C.2**. RPD values for stack effluent are shown in **Appendix C.3**. For laboratory duplicate analysis, the default laboratory RPD goals will be used.

2.2.2 Accuracy

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

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

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

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

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

$$\%\ R = \frac{Spiked\ Sample\ Concentration - Sample\ Concentration}{Spike\ Concentration} \times 100$$

Laboratory control limits will be used to evaluate accuracy and are shown in **Tables C.1**, **C.2,** and **C.3** for solid, indoor air, and stack effluent air matrices, respectively.

2.2.3 Representativeness

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

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

2.2.4 Comparability

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

2.2.5 Completeness

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

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

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

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

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

2.2.6 Sensitivity and Reference Limits

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

MDL is a statistically determined concentration. It is the minimum concentration of a substance (analyte) that can be measured and reported with 99 percent (%) confidence that the analyte concentration is greater than zero as determined from the analysis of a sample in a given matrix containing the analyte. The MDL may be lower than the concentration at which the laboratory can quantitatively report and takes into account background contribution that may be present in the laboratory environment. Accordingly, sample results greater than the MDL but less than the RL will be laboratory qualified as “estimated” by the analytical laboratory

RL is the minimum concentration of an analyte in a specific matrix that can be identified and quantified above the MDL and within specified limits of precision and bias during routine analytical operating conditions. The laboratory will select the RL for all analytes at a concentration level that exceed the calculated MDLs by a factor of 3 to 5 and are within the method calibration range. Frequently, RLs for specific samples are adjusted for dilution, changes to sample volume/size and extract/digestate volumes, percentage solids, and cleanup procedures.

The MDLs and RLs for this project for both solid and gaseous sample matrices are presented in **Table C.1 and Tables C.2/C.3**, respectively.

The analytical laboratories selected for this project will be the Eurofins Pittsburgh Laboratory for soil samples, and Eurofins Air Toxics, Inc. Folsom Laboratory for indoor air and outdoor air samples. The laboratories are certified by New York State through the National Environmental Laboratory Accreditation Program (NELAP) for the analytical methods required for the project and listed below. Laboratory analytical methods used to analyze field samples may include the following analyses:

- VOCs (indoor air and outdoor air) – EPA method TO-15 High/Low selective ion monitoring (SIM);
- VOCs (stack effluent) – EPA method TO-15 Standard Full Scan;
- Target Compound List (TCL) VOCs – SW-846 method 8260C (solid and water) including 10 VOC of highest concentration tentatively identified compounds (TICs);
- TCL Semi-volatile Organic Compounds (SVOCs) – SW-846 method 8270D (solid) including 20 highest concentration TICs;
- Target Analyte List (TAL) Metals – SW-846 methods 6010C/7471B for solid samples;
- Polychlorinated Biphenyls (PCBs) – SW-846 method 8082A for solid samples;
- Pesticides – SW846 method 8081 for solid samples; and
- Cyanide – EPA Method 9014 for solid samples;

3. DATA GENERATION AND ACQUISITION

3.1 Overview

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

- indoor air and outdoor air samples collected using 6-liter Summa® canisters;
- remedial system stack effluent samples collected using 1-liter Summa® canisters;
- soil samples collected during soil stockpile sampling; and
- soil samples collected during post-excavation confirmation sampling.

In addition, the following activities will be conducted in support of the Site Management Plan:

- decontaminating of field equipment; and
- sampling (if necessary) and managing investigative derived materials (IDM).

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

3.2 Special Training and Certification

3.2.1 Health and Safety Training

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

3.2.2 Subcontractor Training

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

3.3 Sampling Process Design

The basis for the development of the site management scope of work is described in the interim SMP and subsequent revisions. Laboratory analyses of soil and air samples will serve as the primary source of data to document the performance of ICs and ECs. Field screening and analysis will be used to assist in the conceptual characterization of Site conditions and to direct the collection of samples for laboratory analysis.

3.4 Field Methods and Procedures for Data Collection

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

3.4.1 Indoor and Outdoor Air Sampling

Indoor air samples will be collected to analyze the presence of VOCs in indoor air in five (5) areas where SSD systems are in operation. Indoor samples will be collected over an approximate eight (8) hour period with the heating, ventilation and air conditioning (HVAC) system operating in occupied mode. Outdoor air samples will be collected from two (2) locations on the EHS rooftop over the same period (i.e. one 8-hour sample).

Indoor and outdoor air samples will be collected in 6-liter Summa® canisters at a flow rate of approximately 11.5 milliliters per minute (mL/min) for an 8-hour sample following the protocols in the Air Toxics Limited Canister & Bag Sampling Guide (**Appendix C.4**). Summa® canisters and flow controllers will be individually certified by ATL to be free of VOCs down to their respective RLs (which range from 0.026 to 19 micrograms per cubic meter [$\mu g/m^3$]). Indoor air samplers will be deployed at breathing zone height (3-5 feet above the floor). One outdoor air sampler will be deployed at a rooftop location above Room 127, and another will be deployed on the rooftop above the rehearsal room to the north of the auditorium. Summa® samples will be properly documented and shipped under EPA standard chain-of-custody (COC) protocol to ATL for analysis using EPA Method TO-15 Hi/Lo SIM. The suite of analytes included in the analyses and their analytical RLs are provided in **Table C.2**. A digital vacuum gauge will be used to assess that the canister arrives in a properly evacuated state (the initial vacuum should exceed twenty-five (25) inches of mercury (in. Hg) and that a residual vacuum of two (2) in. Hg or more remains at the end of sample collection. Final vacuum will also be measured by the laboratory upon receipt to confirm the absence of leaks during return shipment.

3.4.2 Remedial System Stack Effluent Sampling

Effluent samples will be collected from the discharge stacks at each of the (5) SSD system stacks (Gymnasium, K Wing, F Wing, Cafeteria Retrofit, and Cafeteria Addition) to assess the presence of VOCs in the sub-slab soil vapor being captured by those systems. Grab samples will be

collected from sampling ports in the SSD system riser pipes in 1-liter Summa® canisters at a flow rate of approximately 11.5 mL/min for approximately five minutes following the protocols in the Air Toxics Limited Canister & Bag Sampling Guide (**Appendix C.4**). Summa® canisters and flow controllers will be individually certified by ATL to be free of VOCs down to their respective RLs (which range from 1.1 to 21 $\mu g/m^3$). Summa® samples will be properly documented and shipped under EPA standard chain-of-custody (COC) protocol to ATL for analysis using EPA Method TO-15 Standard Full Scan. The suite of analytes included in the analyses and their analytical RLs are provided in **Table C.3**. A digital vacuum gauge will be used to assess that the canister arrives in a properly evacuated state (the initial vacuum should exceed twenty-five (25) inches of mercury (in. Hg) and that a residual vacuum of two (2) in. Hg or more remains at the end of sample collection. Final vacuum will also be measured by the laboratory upon receipt to confirm the absence of leaks during return shipment.

3.4.3 Stockpile Soil Sampling

Soil samples will be collected from stockpiles of excavated soil to screen for potential reuse or off-Site disposal in accordance with the EWP. To obtain the required soil samples (i.e., > 2 inches into stockpiled soil), the following procedures shall be used:

- Obtain appropriate laboratory prepared sample containers prior to sampling and don appropriate level of personal protective equipment (PPE) according to the approved HASP.
- Mobilize to sampling location.
- Identify the stockpile volume to be sampled by measuring out and demarcating the stockpile volume with stakes, pins and/or flags.
- Select locations within the stockpile to be sampled. Sample locations should be selected based on any odors detected with the photoionization detector (PID) or discoloration that can be visually observed.
- Using a stainless steel shovel or dedicated trowel, excavate a hole in the soil approximately six (6) to twelve (12) inches deep. Alternative methods such as utilizing a decontaminated spatula, or dedicated (disposable) scoop may also be used.
- Scan the segments at minimum depth intervals using a PID and record the concentration and color of the sampled material in the field log book.
- As applicable, collect the VOC grab soil sample using a terra core sampling kit as soon as possible after completing excavation and taking PID reading before homogenizing.
- For the remaining analytes, place the required volume of soil sample in a mixing container (decontaminated stainless bowl or sealable plastic bag) and homogenize the sample with decontaminated stainless steel spoons or other appropriate mixing device. Return excess material to the stockpile within the sampled area. Please note that if sampling for metals a stainless steel bowl must be used.

- Once homogenized, place soil in laboratory provided sample containers on ice for shipment to and analysis at the laboratory.
- Follow the sample handling and labeling procedures outlined in Section 3.6 and 3.7 of this document.
- Replace excess soil into the excavated cavity.
- Obtain location coordinates from hand-held global positioning system (GPS) instrument, and mark location on sketch of soil stockpile.
- Physically mark the sample location with brightly colored flags or stakes labelled with the sample ID and date.
- Complete field forms and enter sampling and location information in the bound field book as outlined in Section 3.6 of this document.
- Decontaminate sampling equipment as outlined in Section 3.5.3.
- Manage IDM as outlined in Section 3.5.1.
- Soil Stockpiles should not be removed until analytical results have been received from the laboratory.

3.4.4 Post-Excavation Confirmation Sampling

Post-excavation confirmation sampling will be conducted in accordance with DER-10 5.4 (b) and the EWP. Excavation sidewalls and bottom areas will be visually logged for soil type, and inspected for staining, debris or other evidence of anthropogenic materials. The excavation will be additionally screened for soil vapors using a PID. Following the field screening, soil samples will be collected from excavation sidewalls and bottom areas. Sample locations will be biased toward material exhibiting the highest PID (if applicable), visual observation, or the presence of odors. Confirmation samples will be submitted to the fixed laboratory for analyses identified in accordance with the EWP.

Specific procedures for planned confirmation soil sampling activities are provided below.

- Obtain appropriate laboratory prepared sample containers prior to sampling and don appropriate level of PPE as described in the HASP.
- Confirm that the “Competent Person” (29 CFR 1926) for the excavation has determined that entry into the excavation is permissible and that no excavation equipment will be operation in the sampling area while samples are being collected.
- Mobilize to the sampling location.

- After mobilization, measure the perimeter of the sidewalls to be sampled and determine the required number of samples to be collected from the sidewalls. Determine the area of the bottom excavation and number of samples required for collection.
- Scan the perimeter of the sidewalls and bottom areas with a PID to locate areas of elevated readings and visually inspect sampling areas for any discoloration. These areas are to be selectively sampled within the sampling frequency as described in the EWP.
- Using a decontaminated stainless steel trowel or dedicated plastic scoop, collect the required volume of soil to fill the sample container.
- Soil samples will be visually inspected to record details of the color, texture, moisture, density, cohesion, plasticity and any indication of staining or obvious odor, and digital photographs will be taken.
- As applicable, collect the VOC grab soil sample directly from the sampling location using a terra core sampling kit. The sample will be collected from the interval with the highest PID reading or in the central portion of the segment if elevated readings are not observed.
- For remaining analytes, use decontaminated stainless steel or dedicated plastic scoops (or equivalent decontaminated or dedicated sampling tools) to remove soil from sidewall and bottoms area sampling locations.
- Follow the sample handling and labeling procedures outlined in Section 3.6 and 3.7 of this document.
- Obtain location coordinates from hand-held GPS instrument, and mark location on enlargement of sampling site specific map.
- Complete field forms and enter sampling and location information in the bound field book as outlined in Section 3.8.5 in this document.
- Decontaminate sampling equipment as outlined in Section 3.5.3.1.
- Manage IDM as outlined in Section 3.5.1.

3.5 Field Methods and Procedures for Other Project and Support Activities

3.5.1 Management of Investigation-Derived Materials

IDM generated during the Site Management activities will include disposable PPE, disposable sampling equipment, excess soil cuttings, and decontamination water. PPE, disposable sampling equipment, and soil cuttings will be collected and placed in 55-gallon Department of Transportation (DOT)-approved drums for characterization (if necessary) and offsite disposal. Liquid IDM (decontamination water) will be collected and stored with secondary containment measures. Any liquid IDM generated from decontamination procedures will be stored in a plastic 35-gallon drum which sits inside a 55-gallon drum for waste characterization (if necessary) and off-site disposal.

3.5.2 Field Instrument Calibration and Operation

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

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

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

3.5.3 Field Equipment Decontamination

Decontamination of non-dedicated and non-disposable sampling equipment (e.g. trowel) will be performed prior to sampling and between sampling locations to prevent the introduction of extraneous material into samples and to prevent cross-contamination between sample locations. Sampling equipment will be decontaminated as described below. Decontamination water will be collected and managed as outlined in Section 3.5.1.

3.5.3.1 Decontamination of Soil Sampling Equipment

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

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

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

- Fill the first wash basin with potable water. Add sufficient soap powder or solution to cause suds to form in the basin. Do not use an excessive amount of the soap or rinsing the soap off the equipment will be difficult. Periodic changing of the water is required.
- Using a clean coarse scrub brush, wash the sampling equipment in the soap solution in the first basin, removing all visible residues. Be sure to wash inside surfaces of equipment as well as the exterior surfaces. Allow excess soap to drain off the equipment when finished.
- Fill the second basin with potable water (first rinse) and rinse the equipment. A coarse scrub brush or pressure sprayer may be used to aid in the rinse, if necessary. Periodic changing of the water is required.
- Rinse the equipment with distilled/deionized water in the third basin. Periodic changing of the water is required.
- If samples for organic analysis will be collected, rinse the equipment with isopropyl alcohol over the fourth basin such that the isopropyl alcohol is collected. The step may be performed using a squeeze bottle or pressure sprayer.
- Rinse with distilled/deionized water over the fourth basin to remove any residual isopropyl alcohol.
- If the equipment is being used to sample for metals, rinse the equipment with a 5% nitric acid solution over the fifth basin such that the solution is collected. The step can be performed using a squeeze bottle or pressure sprayer.
- Rinse with distilled/deionized water over the fifth basin to remove any residual acid solution.
- Allow the equipment to air-dry in a clean area or blot with chemical-free paper towels before reuse. Wrap the equipment in aluminum foil with the shiny side out if it will not be reused immediately.

3.5.3.2 Decontamination of Indoor Air Sampling Equipment

No decontamination of indoor air and outdoor air sampling equipment will be required.

3.6 Sample Handling Procedures

Many of the chemical constituents and physicochemical parameters that are to be measured or evaluated in the QAPP are volatile or are not chemically stable, and therefore sample preservation is required. For these constituents, samples will be transferred in the field from the sampling equipment directly into the container that has been specifically prepared for that analysis or set of compatible parameters. All soil samples will be stored at ≤ 6 degrees Celsius (°C) from the time of collection to the time of analysis. Collected samples will be stored together with any MS/MSD,

blind field duplicate, and equipment blank samples collected during that sampling event on ice in a cooler. All samples will be stored together in an area known to be free of contamination.

3.6.1 Sample Containers and Preservatives

The laboratory will be responsible for supplying the proper containers to ensure sample integrity. The laboratory will provide new and/or pre-cleaned containers from an outside supplier. **Table C.4** details the bottle type, quantity, preservative and holding time for each parameter analyzed in soil and groundwater. All sample preservation additives will be measured and placed in the appropriate sample containers by the laboratory prior to sampling.

3.6.2 Sample Designation

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

3.6.2.1 Indoor & Outdoor Air and Stack Effluent Sample Designation

Indoor and outdoor sample identifier (ID) will use the following nomenclature:

Site Location-Sampling Date-Sample Number-Matrix

where

Site Location: SSHS or EHS

Sampling Date: mm-dd-yy

Sample Number: 01, 02, 03…n

Matrix: IA: Indoor Air
OA: Outdoor Air
EF: Effluent

3.6.2.2 Confirmation Sample Designation

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

Site Location-Field ID-Sample Location- Sample Number-Sample Date

where

Site Location: SSHS

Field ID: Excavation Designation

Sample Location: Sidewall: S

Bottom: B

Sample Number: 01, 02, 03…n

Sampling Date: mm-dd-yy

3.6.2.3 Stockpile Sample Designation

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

Site Location-Field ID-Sample Type- Sample Date

where

Site Location: SSHS

Field ID: Pile Designation

Sample Type: Grab: A or B

Composite: C

Sampling Date: mm-dd-yy

3.6.3 Sample Labeling

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

- Sample identifier (ID) in accordance with Section 3.6.2
- job name and identification number;
- date and time of sample collected;
- preservative;
- analytical method requested; and
- name of sampler.

The sample label contains the authoritative information for the sample. Inconsistencies with other documents will be settled in favor of the container label unless otherwise corrected in writing from the field personnel collecting samples. A COC should reflect the same information as the label and be kept with the samples at all times.

3.6.4 Sample Packaging and Shipment

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

- Place plastic bubble wrap matting or other suitable packing material over the base of each cooler or shipping container as needed.
- Insert a clean trash bag into the cooler to serve as a liner.
- Bag cubed ice in heavy duty zipper-lock plastic bags, close the bags, and distribute the bagged ice in a layer over the bottom of the cooler. Loose ice should not be used. Cold packs should be used only if the samples are chilled before being placed in the cooler.
- Check that each sample container is sealed, labeled legibly, and is externally clean. Re-label and/or wipe bottles clean if necessary. If needed, clear tape should be placed over the labels to protect them and keep them from falling off the container. To protect each bottle from breakage during shipment, each glass sample bottle should be wrapped individually with bubble wrap and secured with tape or rubber bands. Alternate bottle protection procedures such as placing glass jars back in the cardboard shipping box in which they arrived, using cardboard dividers in the cooler, or placing in an appropriate foam holder may also be used. Bottles should be placed into the cooler in an upright single layer with approximately one inch of space between each bottle. Do not stack bottles or place them in the cooler lying on their side. If plastic and glass sample containers are used, alternate the placement of each type of container within the cooler so that glass bottles are not placed side by side.
- Insert the cooler temperature blank supplied by the laboratory into each cooler (if any).
- If space allows, place bagged ice in voids between sample containers. Other packing materials such as bubble wrap, and/or Styrofoam pellet packing material may be used as a substitute to fill voids between sample containers within each cooler to a level that meets the approximate top of the sample containers. Packing material may require tamping by hand to reduce the potential for settling.
- Add additional bubble wrap/Styrofoam pellets or other packing materials to fill the balance of the cooler or container, if necessary.
- For Summa® canisters, make sure that the inlet valve is completely closed. Cap the inlet of the canisters with the swage lock caps and place them with their respective flow controllers in the laboratory-provided cardboard shipping box.
- Sign and date a custody seal as discussed in Section 3.7.3 and enter the custody seal numbers in the appropriate place on the COC form.

- Complete the COC form as discussed in Section 3.7.1. If shipping the samples involves use of a third party commercial carrier service, sign the COC record thereby relinquishing custody of the samples. Shippers should not be asked to sign COC records. If a laboratory courier is used, or if samples are transported to the laboratory by field personnel, the receiving party should accept custody and sign the COC records. Keep a copy of the COC for the project file. Place the original (with remaining copies) in a zipper-lock plastic bag and tape the bag to the inside lid of the cooler or shipping container.
- Close the lid of the cooler or the top of the shipping container.
- Place the custody seal across the cooler or container lid opening and overlap with transparent packaging tape.
- Packaging tape should be placed entirely around the sample shipment containers. A minimum of three full wraps of packaging tape will be placed on at least two places on the cooler/container.
- Place a shipping label on the outside of the shipping container that indicates the point of origin and destination.
- Repeat the above steps for each cooler or shipping container.

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

3.7 Sample Custody and Documentation

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

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

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

3.7.1 Chain-of-Custody

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

- Project name;
- Project location;
- Geosyntec project number;
- Geosyntec project manager;
- Geosyntec project manager contact information;
- Sample numbers;
- Date (of sample collection);
- Time (of sample collection to the nearest minute, military time);
- Sample type (composite or grab);
- Sample description (matrix);
- Number of sample containers;
- Analysis required;
- Project specific QC samples (e.g.MS/MSD)
- Remarks (including special instructions to the laboratory);
- Type of data deliverable;
- Preservative information;
- Date/time (of custody transfer);
- Laboratory name;
- Turnaround time required; and
- Sampler's signature.

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

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

3.7.2 Field Sample Custody

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

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

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

3.7.3 Custody Seals

Custody seals are used to prevent unauthorized tampering with samples from the time of sample collection through the time of laboratory analysis. The seals will be signed and dated by sampling personnel and then placed on the shipping containers in such a way that they must be broken to open the containers. Seals will be affixed to the sample containers before the samples leave the custody of the sampling personnel. It is recommended that clear packing tape be placed over the custody seal to ensure that it is securely affixed to the shipping container. The laboratory will immediately notify Geosyntec personnel upon receipt in the event that the custody seal indicates that the container has been tampered with.

3.7.4 Laboratory Sample Custody and Documentation

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

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

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

3.7.5 Field Documentation

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

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

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

- Any other events that may affect the samples.

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

3.7.6 Document Corrections

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

4. QUALITY ASSURANCE/QUALITY CONTROL MEASURES

4.1 Field Quality Control

Field QC samples will be collected and analyzed to assess the precision and accuracy of groundwater and soil sampling activities. Field QC samples for this project will include field duplicates, MS/MSD pairs, temperature blanks, and equipment rinsates and source blanks when necessary. **Table C.5** describes the field quality control samples per matrix and their frequencies.

4.1.1 Field Duplicates

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

4.1.2 Matrix Spike/Matrix Spike Duplicate

The laboratory will analyze an MS/MSD pair for every 20 samples analyzed or for every analytical batch prepared (not to exceed 20 samples), whichever is more frequent. Field personnel will collect triple the amount of the volume of the sample matrix for the designated MS/MSD sample. The MS/MSD sample will be used to determine the precision and accuracy of the sample preparation and analytical methods.

4.1.3 Equipment Rinsate Blank and Source Blank

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

4.1.4 Temperature Blanks

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

4.2 Leak Checks

Summa® canister leaks can cause a negative bias in indoor and outdoor air samples. The fittings of Summa® canisters used to collect indoor and outdoor samples will be leak- checked by tracking the vacuum of the canister immediately upon opening the valve.

4.3 Pneumatic Testing

The transient pneumatic testing for the HVS test takes only about one (1) minute to collect a set of data. The test will be repeated at least two (2) times (on, off, on and off) at each location to provide no less than two (2) sets of data and these data will be compared for consistency prior to analysis.

4.4 Laboratory Quality Control/Quality Assurance

4.4.1 Laboratory Qualifications

The analytical laboratory selected for soil and groundwater analyses for this project will be the Eurofins Pittsburgh Laboratory. For indoor air and outdoor air analyses for this project, ATL has been selected. These laboratories are certified by New York State through the National Environmental Laboratory Accreditation Program for the analytical methods required for the project.

4.4.2 Quality Control Samples

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

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

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

4.4.3 Calibration

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

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

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

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

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

4.4.4 Preventive Maintenance

The primary objective of a preventive maintenance program is to help ensure the timely and effective completion of a measurement effort by minimizing the downtime of crucial analytical equipment caused by expected or unexpected component failure. In implementing this program, efforts are focused in three primary areas: maintenance responsibilities, maintenance schedules, and adequate inventory of critical spare parts and equipment.

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

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

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

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

4.4.5 Training

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

4.4.6 Supplies and Consumables

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

5. DATA MANAGEMENT, VALIDATION, AND USABILITY

5.1 Data Management

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

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

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

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

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

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

5.2 Data Reduction, Review, Verification, and Validation

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

- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Methods Data Review, OLEM 9240.1-66, EPA 542-R-20-006, November 2020a

- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, OLEM 9240.0-51, EPA 540-R-20-005, November 2020b
- DER-10/Technical Guidance for Site Investigation and Remediation, NYSDEC May 3, 2010

5.2.1 Data Reduction

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

5.2.2 Data Review

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

5.2.3 Data Verification

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

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

5.2.4 Data Validation and Usability Determination

Following data verification by the laboratory, data validation will be coordinated and/or conducted by Geosyntec's QAM. Validation documentation will be stored in the project file. Validation will be conducted on 100 percent of the laboratory data by an entity independent of the laboratory. This validation will be done on the hard copy (or pdf version) data with electronic data screening as a component of the validation.

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

5.3 Data Evaluation Roles and Responsibilities

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

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

5.4 Data Reporting

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

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

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

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

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

- Case narrative;
- Data completeness check;
- Holding times;
- Sample preservation;
- Blank results (instrument blanks, method blanks, source blanks, equipment blanks (as applicable);
- Surrogate recoveries;
- Internal standard recoveries (as applicable);
- Calibrations;
- Initial and Continuing calibration;
- Analytical run sequence;
- Chromatograms;
- Raw data files;
- Internal Standard and Retention Time Summary
- Instrument tune (as applicable);
- Serial dilution;

- Laboratory duplicates (as applicable);
- Matrix spike and matrix spike duplicate results;
- Field duplicates;
- Laboratory control sample results; and
- Other specific information as described in the most current NYSDEC ASP.

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

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

J+ - may be applied to indicate that the results are considered estimated with a potential high bias

J- - may be applied to indicate that the results are considered estimated with a potential low bias

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

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

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

5.5 Data Usability and Reconciliation with Project Quality

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

5.5.1 Precision

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

5.5.2 Accuracy

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

5.5.3 Representativeness

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

5.5.4 Comparability

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

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

5.5.5 Completeness

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

6. REFERENCES

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

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USEPA, 1996. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. SW-846. December 1996.

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USEPA, 2020a. Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Methods Data Review. OLEM 9240.1-66. EPA 542-R-20-006. November 2020.

USEPA, 2020b. Contract Laboratory Program National Functional Guidelines for Organic Superfund Methods Data Review. OLEM 9240.0-51, EPA 540-R-20-005. November 2020.

TABLES

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

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analtyical Method [1] Method Detection Limit	Stockpile Screening [2] Criteria	Confirmation Screening [3] Criteria	LCS % Recovery Low (%R)	LCS % Recovery High (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate Low %R	Matrix Spike/Matrix Spike Duplicate High %R	RPD
VOCs/8260C	Acetone	67-64-1	µg/Kg	25	3.9	50	100,000	23	170	35	23	170	35
	Benzene	71-43-2	µg/Kg	5	1.41	60	4,800	77	120	20	77	120	20
	Bromoform	75-25-2	µg/Kg	5	2.52	-	-	37	147	23	37	147	23
	Bromomethane	74-83-9	µg/Kg	5	2.28	-	-	47	149	25	47	149	25
	2-Butanone (MEK)	78-93-3	µg/Kg	25	2.54	120	100,000	39	157	33	39	157	33
	Carbon disulfide	75-15-0	µg/Kg	5	4	-	-	40	156	25	40	156	25
	Carbon tetrachloride	56-23-5	µg/Kg	5	2.03	760	2,400	73	130	21	73	130	21
	Chlorobenzene	108-90-7	µg/Kg	5	1.3	1,100	100,000	79	122	20	79	122	20
	Chlorobromomethane	74-97-5	µg/Kg	5	3	-	-	64	128	20	64	128	20
	Chlorodibromomethane	124-48-1	µg/Kg	5	2.48	-	-	60	134	40	60	134	40
	Chloroethane	75-00-3	µg/Kg	5	2.92	-	-	37	159	25	37	159	25
	Chloroform	67-66-3	µg/Kg	5	3.35	370	49,000	73	126	20	73	126	20
	Chloromethane	74-87-3	µg/Kg	5	1.98	-	-	46	151	33	46	151	33
	cis-1,2-Dichloroethene	156-59-2	µg/Kg	5	1.51	250	100,000	77	118	20	77	118	20
	cis-1,3-Dichloropropene	10061-01-5	µg/Kg	5	2.21	-	-	73	127	20	73	127	20
	Cyclohexane	110-82-7	µg/Kg	5	2.39	-	-	63	143	25	63	143	25
	1,2-Dibromo-3-Chloropropane	96-12-8	µg/Kg	5	3.23	-	-	30	163	34	30	163	34
	1,2-Dibromoethane	106-93-4	µg/Kg	5	1.37	-	-	59	137	20	59	137	20
	1,2-Dichlorobenzene	95-50-1	µg/Kg	5	1.68	1,100	100,000	76	120	20	76	120	20
	1,3-Dichlorobenzene	541-73-1	µg/Kg	5	3.08	2,400	49,000	77	121	20	77	121	20
	1,4-Dichlorobenzene	106-46-7	µg/Kg	5	1.5	1,800	13,000	79	120	20	79	120	20
	Dichlorobromomethane	75-27-4	µg/Kg	5	2.33	-	-	75	123	20	75	123	20
	Dichlorodifluoromethane	75-71-8	µg/Kg	5	2.49	-	-	26	149	24	26	149	24
	1,1-Dichloroethane	75-34-3	µg/Kg	5	1.6	270	26,000	73	124	20	73	124	20
	1,2-Dichloroethane	107-06-2	µg/Kg	5	1.44	20	3,100	64	140	20	64	140	20
	1,1-Dichloroethene	75-35-4	µg/Kg	5	2.26	330	100,000	55	136	21	55	136	21
	1,2-Dichloroethene, Total	540-59-0	µg/Kg	10	4.08	-	-	77	119	20	77	119	20
	1,2-Dichloropropane	78-87-5	µg/Kg	5	1.33	-	-	77	119	20	77	119	20
	1,4-Dioxane	123-91-1	µg/Kg	1000	75.8	-	-	18	166	40	18	166	40
	Ethylbenzene	100-41-4	µg/Kg	5	1.85	1,000	41,000	79	119	20	79	119	20
	2-Hexanone	591-78-6	µg/Kg	25	1.57	-	-	42	152	30	42	152	30
	Isopropylbenzene	98-82-8	µg/Kg	5	2.6	-	-	70	125	21	70	125	21
	Methyl acetate	79-20-9	µg/Kg	25	7.36	-	-	20	170	33	20	170	33
	Methylcyclohexane	108-87-2	µg/Kg	5	2.41	-	-	70	125	22	70	125	22
	Methylene Chloride	75-09-2	µg/Kg	5	4.51	-	-	67	131	32	67	131	32
	4-Methyl-2-pentanone (MIBK)	108-10-1	µg/Kg	25	1.83	-	-	51	147	27	51	147	27
	Methyl tert-butyl ether	1634-04-4	µg/Kg	5	1.47	930	100,000	58	132	24	58	132	24
	m-Xylene & p-Xylene	179601-23-1	µg/Kg	5	1.78	-	-	77	120	20	77	120	20
	o-Xylene	95-47-6	µg/Kg	5	2.01	-	-	78	118	20	78	118	20
	Styrene	100-42-5	µg/Kg	5	1.5	-	-	80	120	20	80	120	20
	1,1,2,2-Tetrachloroethane	79-34-5	µg/Kg	5	1.52	-	-	36	170	23	36	170	23
	Tetrachloroethene	127-18-4	µg/Kg	5	2.01	1,300	19,000	71	121	21	71	121	21

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VOCs/8260C	Toluene	108-88-3	µg/Kg	5	1.44	700	100,000	76	120	20	76	120	20
	trans-1,2-Dichloroethene	156-60-5	µg/Kg	5	1.75	190	100,000	75	122	20	75	122	20
	trans-1,3-Dichloropropene	10061-02-6	µg/Kg	5	2.25	-	-	68	133	20	68	133	20
	1,2,3-Trichlorobenzene	87-61-6	µg/Kg	10	2.75	-	-	29	166	40	29	166	40
	1,2,4-Trichlorobenzene	120-82-1	µg/Kg	5	2.54	-	-	22	170	29	22	170	29
	1,1,1-Trichloroethane	71-55-6	µg/Kg	5	1.67	-	100,000	72	134	20	72	134	20
	1,1,2-Trichloroethane	79-00-5	µg/Kg	5	0.99	-	-	66	128	21	66	128	21
	Trichloroethene	79-01-6	µg/Kg	5	1.57	-	-	69	118	20	69	118	20
	Trichlorofluoromethane	75-69-4	µg/Kg	5	4.15	-	-	32	149	39	32	149	39
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/Kg	5	2	-	-	59	135	28	59	135	28
	Vinyl chloride	75-01-4	µg/Kg	5	3.6	-	-	64	134	23	64	134	23
	Xylenes, Total	1330-20-7	µg/Kg	10	7.21	260	100,000	78	118	20	78	118	20
SVOCs/8270D	Acenaphthene	83-32-9	µg/Kg	67	19.2	20,000	100,000	50	100	20	50	100	20
	Acenaphthylene	208-96-8	µg/Kg	67	14.6	100,000	100,000	52	100	20	52	100	20
	Acetophenone	98-86-2	µg/Kg	670	119	-	-	48	100	17	48	100	17
	Anthracene	120-12-7	µg/Kg	67	17.3	100,000	100,000	53	100	20	53	100	20
	Atrazine	1912-24-9	µg/Kg	670	146	-	-	49	103	19	49	103	19
	Benzaldehyde	100-52-7	µg/Kg	670	41.4	-	-	23	105	31	23	105	31
	Benzo[a]anthracene	56-55-3	µg/Kg	67	30.1	1,000	1,000	51	100	21	51	100	21
	Benzo[a]pyrene	50-32-8	µg/Kg	67	28.9	1,000	1,000	51	100	20	51	100	20
	Benzo[b]fluoranthene	205-99-2	µg/Kg	67	16.4	1,000	1,000	48	100	20	48	100	20
	Benzo[g,h,i]perylene	191-24-2	µg/Kg	67	14.4	100,000	100,000	48	105	19	48	105	19
	Benzo[k]fluoranthene	207-08-9	µg/Kg	67	20	800	3,900	19	100	20	19	100	20
	1,1'-Biphenyl	92-52-4	µg/Kg	330	122	-	-	50	100	19	50	100	19
	Bis(2-chloroethoxy)methane	111-91-1	µg/Kg	330	122	-	-	49	100	20	49	100	20
	Bis(2-chloroethyl)ether	111-44-4	µg/Kg	67	12.1	-	-	48	100	18	48	100	18
	Bis(2-ethylhexyl) phthalate	117-81-7	µg/Kg	3300	355	-	-	53	107	20	53	107	20
	4-Bromophenyl phenyl ether	101-55-3	µg/Kg	330	142	-	-	52	101	20	52	101	20
	Butyl benzyl phthalate	85-68-7	µg/Kg	330	229	-	-	52	107	19	52	107	19
	Caprolactam	105-60-2	µg/Kg	1700	217	-	-	48	111	23	48	111	23
	Carbazole	86-74-8	µg/Kg	67	15.6	-	-	53	100	20	53	100	20
	4-Chloroaniline	106-47-8	µg/Kg	330	87.5	-	-	47	100	20	47	100	20
	4-Chloro-3-methylphenol	59-50-7	µg/Kg	330	117	-	-	49	106	20	49	106	20
	2-Chloronaphthalene	91-58-7	µg/Kg	67	15.3	-	-	51	100	20	51	100	20
	2-Chlorophenol	95-57-8	µg/Kg	330	123	-	-	51	100	17	51	100	17
	4-Chlorophenyl phenyl ether	7005-72-3	µg/Kg	330	111	-	-	52	100	19	52	100	19
	Chrysene	218-01-9	µg/Kg	67	37	1,000	3,900	50	100	20	50	100	20
	Dibenz(a,h)anthracene	53-70-3	µg/Kg	67	42.7	330	330	50	107	21	50	107	21
	Dibenzofuran	132-64-9	µg/Kg	330	123	7,000	59,000	52	100	19	52	100	19
	3,3'-Dichlorobenzidine	91-94-1	µg/Kg	330	311	-	-	43	100	19	43	100	19
	2,4-Dichlorophenol	120-83-2	µg/Kg	67	25.7	-	-	53	101	22	53	101	22
	Diethyl phthalate	84-66-2	µg/Kg	330	117	-	-	48	104	20	48	104	20
	2,4-Dimethylphenol	105-67-9	µg/Kg	330	112	-	-	51	101	32	51	101	32
	Dimethyl phthalate	131-11-3	µg/Kg	330	132	-	-	53	100	21	53	100	21
	Di-n-butyl phthalate	84-74-2	µg/Kg	330	146	-	-	57	102	20	57	102	20
	4,6-Dinitro-2-methylphenol	534-52-1	µg/Kg	1700	575	-	-	51	100	22	51	100	22
	2,4-Dinitrophenol	51-28-5	µg/Kg	3300	2070	-	-	33	101	20	33	101	20
	2,4-Dinitrotoluene	121-14-2	µg/Kg	330	199	-	-	54	104	20	54	104	20
	2,6-Dinitrotoluene	606-20-2	µg/Kg	330	130	-	-	51	106	20	51	106	20
	Di-n-octyl phthalate	117-84-0	µg/Kg	330	194	-	-	41	106	18	41	106	18
	1,4-Dioxane	123-91-1	µg/Kg	670	104	100	100	25	125	17	25	125	17
	Fluoranthene	206-44-0	µg/Kg	67	17.6	100,000	100,000	55	100	20	55	100	20
	Fluorene	86-73-7	µg/Kg	67	13.1	30,000	100,000	52	100	19	52	100	19
	Hexachlorobenzene	118-74-1	µg/Kg	67	23.9	330	1,200	49	100	20	49	100	20
	Hexachlorobutadiene	87-68-3	µg/Kg	67	19.5	-	-	38	107	22	38	107	22
	Hexachlorocyclopentadiene	77-47-4	µg/Kg	330	34.1	-	-	33	117	19	33	117	19
	Hexachloroethane	67-72-1	µg/Kg	330	118	-	-	47	100	17	47	100	17
	Indeno[1,2,3-cd]pyrene	193-39-5	µg/Kg	67	33.2	500	500	51	103	19	51	103	19
	Isophorone	78-59-1	µg/Kg	330	125	-	-	48	105	20	48	105	20
	2-Methylnaphthalene	91-57-6	µg/Kg	67	16	-	-	53	100	21	53	100	21
	2-Methylphenol	95-48-7	µg/Kg	330	95.6	330	100,000	50	101	17	50	101	17
	Methylphenol, 3 & 4	106-44-5	µg/Kg	330	97.9	330	100,000	50	103	19	50	103	19
	Naphthalene	91-20-3	µg/Kg	67	13	12,000	100,000	51	100	20	51	100	20
	2-Nitroaniline	88-74-4	µg/Kg	1700	152	-	-	42	123	19	42	123	19
	3-Nitroaniline	99-09-2	µg/Kg	1700	84.8	-	-	50	103	20	50	103	20

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SVOCs/8270D	4-Nitroaniline	100-01-6	µg/Kg	1700	124	-	-	52	103	18	52	103	18
	Nitrobenzene	98-95-3	µg/Kg	670	122	-	-	44	108	21	44	108	21
	2-Nitrophenol	88-75-5	µg/Kg	330	123	-	-	55	107	19	55	107	19
	4-Nitrophenol	100-02-7	µg/Kg	1700	234	-	-	30	134	18	30	134	18
	N-Nitrosodi-n-propylamine	621-64-7	µg/Kg	67	22.6	-	-	45	107	18	45	107	18
	N-Nitrosodiphenylamine	86-30-6	µg/Kg	330	111	-	-	52	100	20	52	100	20
	2,2'-oxybis[1-chloropropane]	108-60-1	µg/Kg	67	24.7	-	-	30	113	17	30	113	17
	Pentachlorophenol	87-86-5	µg/Kg	1700	536	800	6,700	42	110	20	42	110	20
	Phenanthrene	85-01-8	µg/Kg	67	17.9	100,000	100,000	53	100	20	53	100	20
	Phenol	108-95-2	µg/Kg	330	101	330	100,000	49	100	16	49	100	16
	Pyrene	129-00-0	µg/Kg	67	15.8	100,000	100,000	52	100	20	52	100	20
	1,2,4,5-Tetrachlorobenzene	95-94-3	µg/Kg	330	132	-	-	41	104	21	41	104	21
	2,3,4,6-Tetrachlorophenol	58-90-2	µg/Kg	330	139	-	-	47	104	18	47	104	18
	2,4,5-Trichlorophenol	95-95-4	µg/Kg	330	116	-	-	50	104	21	50	104	21
	2,4,6-Trichlorophenol	88-06-2	µg/Kg	330	111	-	-	50	105	21	50	105	21
SVOCs/8270D Low Level	1,4-Dioxane	123-91-1	µg/Kg	66.7	10.4	100	100	10	133	40	10	133	40
Pesticides/8081B	Aldrin	309-00-2	µg/Kg	1.7	0.518	5	97	60	131	40	60	131	40
	alpha-BHC	319-84-6	µg/Kg	1.7	0.41	20	480	67	125	40	67	125	40
	cis-Chlordane	5103-71-9	µg/Kg	1.7	0.418	94	4,200	57	120	40	57	120	40
	beta-BHC	319-85-7	µg/Kg	1.7	0.458	36	360	63	123	40	63	123	40
	4,4'-DDD	72-54-8	µg/Kg	1.7	0.35	3	13,000	64	131	40	64	131	40
	4,4'-DDE	72-55-9	µg/Kg	1.7	0.34	3	8,900	57	132	40	57	132	40
	4,4'-DDT	50-29-3	µg/Kg	1.7	1.2	3	7,900	54	117	40	54	117	40
	delta-BHC	319-86-8	µg/Kg	1.7	0.528	40	100,000	50	134	40	50	134	40
	Dieldrin	60-57-1	µg/Kg	1.7	0.418	5	200	64	127	40	64	127	40
	Endosulfan I	959-98-8	µg/Kg	1.7	0.452	2,400	24,000	55	131	40	55	131	40
	Endosulfan II	33213-65-9	µg/Kg	1.7	0.368	2,400	24,000	61	130	40	61	130	40
	Endosulfan sulfate	1031-07-8	µg/Kg	1.7	0.766	2,400	24,000	57	132	40	57	132	40
	Endrin	72-20-8	µg/Kg	1.7	0.312	14	11,000	66	125	40	66	125	40
	Endrin aldehyde	7421-93-4	µg/Kg	1.7	0.596	-	-	62	130	40	62	130	40
	Endrin ketone	53494-70-5	µg/Kg	1.7	0.23	-	-	76	120	40	76	120	40
	gamma-BHC (Lindane)	58-89-9	µg/Kg	1.7	0.43	100	1,300	69	124	40	69	124	40
	trans-Chlordane	5103-74-2	µg/Kg	1.7	0.388	-	-	65	119	40	65	119	40
	Heptachlor	76-44-8	µg/Kg	1.7	0.522	42	2,100	62	133	40	62	133	40
	Heptachlor epoxide	1024-57-3	µg/Kg	1.7	0.426	-	-	30	129	40	30	129	40
	Methoxychlor	72-43-5	µg/Kg	1.7	0.65	-	-	53	129	40	53	129	40
	Toxaphene	8001-35-2	µg/Kg	67	45.2	-	-	-	-	-	-	-	-
Herbicides/8151A	2,4,5-TP Acid (Silvex)	93-72-1	µg/Kg	20									
PCBs/8082A	Aroclor-1016	12674-11-2	µg/Kg	0.833	0.124	-	-	43	136	40	43	136	40
	Aroclor-1221	11104-28-2	µg/Kg	0.833	0.159	-	-	-	-	-	-	-	-
	Aroclor-1232	11141-16-5	µg/Kg	0.833	0.143	-	-	-	-	-	-	-	-
	Aroclor-1242	53469-21-9	µg/Kg	0.833	0.136	-	-	-	-	-	-	-	-
	Aroclor-1248	12672-29-6	µg/Kg	0.833	0.0788	-	-	-	-	-	-	-	-
	Aroclor-1254	11097-69-1	µg/Kg	0.833	0.119	-	-	-	-	-	-	-	-
	Aroclor-1260	11096-82-5	µg/Kg	0.833	0.118	-	-	55	128	32	55	128	32
	Aroclor-1262	37324-23-5	µg/Kg	0.833	0.183	-	-	-	-	-	-	-	-
	Aroclor-1268	11100-14-4	µg/Kg	0.833	0.107	-	-	-	-	-	-	-	-
	Polychlorinated Biphenyls, Total	1336-36-3	µg/Kg	0.833	0.183	100	1,000						

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

Analytical Group	Analyte	CAS Number	Units	Analytical Method [1] Reporting Limit	Analtyical Method [1] Method Detection Limit	Stockpile Screening [2] Criteria	Confirmation Screening [3] Criteria	LCS % Recovery Low (%R)	LCS % Recovery High (%R)	Relative Percent Difference (RPD)	Matrix Spike/Matrix Spike Duplicate Low %R	Matrix Spike/Matrix Spike Duplicate High %R	RPD
Metals/6010C & 7471B & 7196A	Aluminum	7429-90-5	mg/Kg	20	4.99	-	-	80	120	20	75	125	20
	Antimony	7440-36-0	mg/Kg	1	0.303	-	-	80	120	20	75	125	20
	Arsenic	7440-38-2	mg/Kg	1	0.627	13	16	80	120	20	75	125	20
	Barium	7440-39-3	mg/Kg	20	3.56	350	400	80	120	20	75	125	20
	Beryllium	7440-41-7	mg/Kg	0.4	0.109	7.2	72	80	120	20	75	125	20
	Cadmium	7440-43-9	mg/Kg	0.5	0.0734	2.5	4.3	80	120	20	75	125	20
	Calcium	7440-70-2	mg/Kg	500	64.6	-	-	80	120	20	75	125	20
	Chromium [4]	7440-47-3	mg/Kg	0.5	0.455	30	180	80	120	20	75	125	20
	Cobalt	7440-48-4	mg/Kg	5	0.704	-	-	80	120	20	75	125	20
	Copper	7440-50-8	mg/Kg	2.5	1.51	50	270	80	120	20	75	125	20
	Iron	7439-89-6	mg/Kg	10	9.74	-	-	80	120	20	75	125	20
	Lead	7439-92-1	mg/Kg	1	0.871	63	400	80	120	20	75	125	20
	Magnesium	7439-95-4	mg/Kg	500	54.9	-	-	80	120	20	75	125	20
	Manganese	7439-96-5	mg/Kg	1.5	0.278	1,600	2,000	80	120	20	75	125	20
	Nickel	7440-02-0	mg/Kg	4	0.504	30	310	80	120	20	75	125	20
	Potassium	7440-09-7	mg/Kg	500	85.1	-	-	80	120	20	75	125	20
	Selenium	7782-49-2	mg/Kg	1	0.461	3.9	180	80	120	20	75	125	20
	Silver	7440-22-4	mg/Kg	0.5	0.104	2.0	180	80	120	20	75	125	20
	Sodium	7440-23-5	mg/Kg	500	51.2	-	-	80	120	20	75	125	20
	Thallium	7440-28-0	mg/Kg	2	0.284	-	-	80	120	20	75	125	20
	Vanadium	7440-62-2	mg/Kg	5	0.791	-	-	80	120	20	75	125	20
	Zinc	7440-66-6	mg/Kg	2	1.45	109	10,000	80	120	20	75	125	20
	Mercury	7439-97-6	mg/Kg	0.033	0.0212	0.18	0.81	80	120	20	80	120	20
	Chromium, hexavalent	18540-29-9	mg/Kg	0.4	0.213	1	110	80	120	20	85	115	20
Cyanide/9014	Cyanide	57-12-5	mg/Kg	0.5	0.38	27	27	17	163	20	75	125	20

Notes:

[1] The Analytical Reporting Limit and Method Detection Limit listed are those that can be routinely achieved by the analytical laboratory.
[2] Screening criteria values for stockpile samples are New York State Department of Environmental Conservation DER-10 Appendix 5 Allowable Constituent Levels for Imported Fill or Soil - Unrestricted Use, May 2010.
[3] Screening criteria values for post-excavation confirmation samples are New York State Department of Environmental Conservation Restricted Residential Table 375-6.8(b) Restricted Use Soil Cleanup Objectives, December 2006.
[4] Screening value for total chromium is value specifed for trivalent chromium.
- Refers to no screening criteria established
CAS - Chemical Abstracts Service
VOC - volatile organic compound
SVOC - semi-volatile organic compound
PCB - polychlorinated biphenyl
µg/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram

TABLE C.2
REPORTING LIMITS - INDOOR AIR SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion #0808022
Elmira, New York

Analytical Group	Analyte	Analytical Method [1] Reporting Limit (µg/m³)	Screening [2] Criteria (µg/m³)	Source	Analyte	Analytical Method [1] Reporting Limit (µg/m³)	Screening [2] Criteria (µg/m³)	Source
VOCs/TO-15 Hi/Lo (SIM)	1,1,1-Trichloroethane	1.10E-01	3.00E+00	B	Chlorobenzene	4.60E-01		
	1,1,2,2-Tetrachloroethane	1.40E-01			Chloroethane	1.30E-01		
	1,1,2-Trichloroethane	1.10E-01			Chloroform	9.80E-02		
	1,1-Dichloroethane	8.10E-02			Chloromethane	1.00E+00		
	1,1-Dichloroethene	4.00E-02	2.00E-01	A	cis-1,2-Dichloroethene	7.90E-02	2.00E-01	A
	1,2,4-Trichlorobenzene	3.70E+00			cis-1,3-Dichloropropen	4.50E-01		
	1,2,4-Trimethylbenzene	4.90E-01			Cumene	4.90E-01		
	1,2-Dibromoethane (EDB)	1.50E-01			Cyclohexane	1.70E+00		
	1,2-Dichlorobenzene	6.00E-01			Dibromochloromethan	8.50E-01		
	1,2-Dichloroethane	8.10E-02			Ethanol	3.80E+00		
	1,2-Dichloropropane	4.60E-01			Ethyl Benzene	8.70E-02		
	1,3,5-Trimethylbenzene	4.90E-01			Freon 11	5.60E-01		
	1,3-Butadiene	2.20E-01			Freon 113	7.70E-01		
	1,3-Dichlorobenzene	6.00E-01			Freon 114	1.40E-01		
	1,4-Dichlorobenzene	1.20E-01			Freon 12	2.50E-01		
	1,4-Dioxane	3.60E-01			Heptane	2.00E+00		
	2,2,4-Trimethylpentane	2.30E+00			Hexachlorobutadiene	5.30E+00		
	2-Butanone (Methyl Ethyl Ketone)	1.50E+00			Hexane	1.80E+00		
	2-Hexanone	2.00E+00			m,p-Xylene	1.70E-01		
	2-Propanol	4.90E+00			Methyl tert-butyl ether	3.60E-01		
	3-Chloropropene	1.60E+00			Methylene Chloride	6.90E-01	3.00E+00	B
	4-Ethyltoluene	4.90E-01			o-Xylene	8.70E-02		
	4-Methyl-2-pentanone	4.10E-01			Propylbenzene	4.90E-01		
	Acetone	4.80E+00			Styrene	4.20E-01		
	alpha-Chlorotoluene	5.20E-01			Tetrachloroethene	1.40E-01	3.00E+00	B
	Benzene	1.60E-01			Tetrahydrofuran	1.50E+00		
	Bromodichloromethane	6.70E-01			Toluene	1.90E-01		
	Bromoform	1.00E+00			trans-1,2-Dichloroethe	4.00E-01		
	Bromomethane	1.90E+01			trans-1,3-Dichloroprop	4.50E-01		
	Carbon Disulfide	1.60E+00			Trichloroethene	1.10E-01	2.00E-01	A
	Carbon Tetrachloride	1.20E-01	2.00E-01	A	Vinyl Chloride	2.60E-02	2.00E-01	C

Notes:

[1] The Analytical Reporting Limit and Method Detection Limit listed are those that can be routinely achieved by the analytical laboratory. Data provided by Air Toxics Limited/Eurofins (Folsom, CA)

[2] Screening criteria are based on New York State's "Guidance for Evaluating Vapor Intrusion in The State of New York" (NYSDOH, 2006). Sources are:

1. Soil Vapor/Indoor Air Matrix A (updated 2017)
2. Soil Vapor/ Indoor Air Matrix B (updated 2017)
3. Soil Vapor/ Indoor Air Matrix C (updated 2017)
4. NYSDOH Air Guidelines.

All concentration units are micrograms per cubic meter
VOC - volatile organic compound

TABLE C.3
REPORTING LIMITS - STACK EFFLUENT SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion #0808022
Elmira, New York

Analytical Group	Analyte	Analytical Method [1] Reporting Limit (µg/m^3)	Screening [2] Criteria (µg/m^3)	Source	Analyte	Analytical Method [1] Reporting Limit (µg/m^3)	Screening [2] Criteria (µg/m^3)	Source
VOCs/TO-15 Standard Full Scan	1,1,1-Trichloroethane	2.70E+00	100	B	Chlorobenzene	2.30E+00		
	1,1,2,2-Tetrachloroethane	3.40E+00			Chloroethane	5.30E+00		
	1,1,2-Trichloroethane	2.70E+00			Chloroform	2.40E+00		
	1,1-Dichloroethane	2.00E+00			Chloromethane	1.00E+01		
	1,1-Dichloroethene	2.00E+00	6	A	cis-1,2-Dichloroethene	2.00E+00	6	A
	1,2,4-Trichlorobenzene	1.50E+01			cis-1,3-Dichloropropene	2.30E+00		
	1,2,4-Trimethylbenzene	2.40E+00			Cumene	2.40E+00		
	1,2-Dibromoethane (EDB)	3.80E+00			Cyclohexane	1.70E+00		
	1,2-Dichlorobenzene	3.00E+00			Dibromochloromethane	4.20E+00		
	1,2-Dichloroethane	2.00E+00			Ethanol	9.40E+00		
	1,2-Dichloropropane	2.30E+00			Ethyl Benzene	2.20E+00		
	1,3,5-Trimethylbenzene	2.40E+00			Freon 11	2.80E+00		
	1,3-Butadiene	1.10E+00			Freon 113	3.80E+00		
	1,3-Dichlorobenzene	3.00E+00			Freon 114	3.50E+00		
	1,4-Dichlorobenzene	3.00E+00			Freon 12	2.50E+00		
	1,4-Dioxane	7.20E+00			Heptane	2.00E+00		
	2,2,4-Trimethylpentane	2.30E+00			Hexachlorobutadiene	2.10E+01		
	2-Butanone (Methyl Ethyl Ketone)	5.90E+00			Hexane	1.80E+00		
	2-Hexanone	8.20E+00			m,p-Xylene	4.30E+00		
	2-Propanol	4.90E+00			Methyl tert-butyl ether	7.20E+00		
	3-Chloropropene	6.30E+00			Methylene Chloride	1.70E+01	100	B
	4-Ethyltoluene	2.40E+00			o-Xylene	2.20E+00		
	4-Methyl-2-pentanone	2.00E+00			Propylbenzene	2.40E+00		
	Acetone	1.20E+01			Styrene	2.10E+00		
	alpha-Chlorotoluene	2.60E+00			Tetrachloroethene	3.40E+00	100	B
	Benzene	1.60E+00			Tetrahydrofuran	1.50E+00		
	Bromodichloromethane	3.40E+00			Toluene	3.80E+00		
	Bromoform	5.20E+00			trans-1,2-Dichloroethene	2.00E+00		
	Bromomethane	1.90E+01			trans-1,3-Dichloropropene	2.30E+00		
	Carbon Disulfide	6.20E+00			Trichloroethene	2.70E+00	6	A
	Carbon Tetrachloride	3.10E+00	6	A	Vinyl Chloride	1.30E+00	6	C

Notes:

[1] The Analytical Reporting Limit and Method Detection Limit listed are those that can be routinely achieved by the analytical laboratory. Data provided by Air Toxics Limited/Eurofins (Folsom, CA)

[2] Screening criteria are based on New York State's "Guidance for Evaluating Vapor Intrusion in The State of New York" (NYSDOH, 2006). Sources are:

1. Soil Vapor/Indoor Air Matrix A (updated 2017)
2. Soil Vapor/ Indoor Air Matrix B (updated 2017)
3. Soil Vapor/ Indoor Air Matrix C (updated 2017)
4. NYSDOH Air Guidelines.

All concentration units are micrograms per cubic meter (µg/m^3)
VOC - volatile organic compound

TABLE C.4
ANALYTICAL METHODS, CONTAINERS, PRESERVATIVES, AND HOLDING TIMES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

Matrix	Analytical Group	Analytical Method	Containers (number, size, type)	Preservation Requirements (chemical, temperature, etc.)	Maximum Holding Time (preparation/analysis)
Solid	TCL VOCs	SW-846 8260C	Terracore kit	2 VOA vials H_2O, 1 VOA vial MEOH, frozen within 48 hours	48 hours to freezing (water preserved) 14 days
	TCL SVOCs	SW-846 8270D	1-4 oz glass jar	Cool <6ºC	14 days to extract 40 days to analyze
	Pesticides	SW-846 8081	1-4 oz glass jar	Cool <6ºC	14 days to extract 40 days to analyze
	PCBS	SW-846 8082A	1-4 oz glass jar	Cool <6ºC	1 year to extract 40 days to analyze
	Mercury, Total	SW-846 7471B	1-4 oz. glass jar	Cool <6ºC	28 days
	TAL Metals, Total	SW-846 6010C			180 days
Indoor Air	VOCs	TO-15 Hi/Lo (SIM)	6-liter Summa® canisters	None but residual vacuum of 2 in. Hg	30 days

Notes:

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

TO - Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air — Second Edition, Oct. 2000

ºC - Celcius
oz. – ounce
H_20 - water
MEOH - methanol
VOA – volatile organic analyte
VOC – volatile organic compound
SVOC – semi-volatile organic compound
TCL - Target Compound List
TAL - Target Analyte List

TABLE C.5
SUMMARY OF FIELD QUALITY CONTROL SAMPLES
Quality Assurance Project Plan
Former Sperry Remington Site - North Portion
Elmira, New York

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

Notes:

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

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

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

NA - Not Applicable

TAL - Target Analyte List

TCL - Total Compound List

MS/MSD - Matrix Spike/Matrix Spike Duplicate

APPENDIX C.1 – GEOSYNTEC RESUMES

Geosyntec
consultants

Kristoffer Henderson, ASQ CQT

Data Verification and Validation
Quality Assurance Project Plan
Laboratory Auditing
Radiological Data Validation
HAPSITE Portable GC/MS Analysis
Groundwater Sampling
Vapor Intrusion Sampling

EDUCATION

Masters in Managerial Accounting and Finance, DeVry University, 2008
B.S., Chemistry, Georgia College and State University, Milledgeville, GA, 1996

REGISTRATION AND CERTIFICATIONS

Certified Quality Technician, American Society for Quality
ISO/IEC 17025 Lead Assessor Training
HAPSITE Advanced Operator Training, February 2015
Environmental Radiochemistry 40-hr Technical Short Course
40-hr HAZWOPER, January 2012
8-hr HAZWOPER Supervisor Training, January 2015
CPR Training March 2017
RCRA Hazardous Waste Annual Training, January 2015
Environmental Radiochemistry Course, February 2016
Confined Space Entry, January 2017
RAD Worker II, September 2017
IATA Dangerous Goods, March 2018
DOT Hazmat Shipping, March 2018
Respirator Training, March 2018

CAREER SUMMARY

Mr. Henderson is a Quality Assurance Specialist based in Geosyntec's Knoxville office. He specializes in data verification and validation, quality assurance project plans (QAPP) and data usability reports. His experience in data quality includes both organic and inorganic parameters. Mr. Henderson also supports remediation projects in the areas of sample collection, data acquisition, data analysis, and reporting. Mr. Henderson has performed radiochemistry validation using Multi-Agency Radiological Laboratory Protocols and American National Standards Institute standards. He gained knowledge of radiochemistry data through an environmental radiochemistry course provided by Nevada Technical Associates and from visiting a radiochemistry laboratory.

Geosyntec consultants

REPRESENTATIVE EXPERIENCE

Data Validation and Verification

Mr. Henderson has 10+ years of data validation experience. Mr. Henderson performs data validation for numerous projects and responsible for Stage 2A to Stage 4 data validation of organic and inorganic chemical analyses of tissue, solid, water and air samples. Methods evaluated include both Contract Laboratory Program (CLP) and non-CLP methods.

Mr. Henderson led the validation of radiochemistry data of Berry's Creek Study Area in 2014 and 2015. Additional validation projects include Milwaukee Die Casting, Cascade Corporation, Former Sperry Remington, Milton Dry Cleaners, Moundsville, Aerojet Rocketdyne, and Newhall Ranch Water Reclamation Plant. Validation of data of coal combustion residual sites. Mr. Henderson has also validated radiochemistry data.

Mr. Henderson has performed data validation and data usability summary reports under the supervision of Julia Caprio according to the New York Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation.

Quality Assurance Project Plan

Mr. Henderson has contributed to several quality assurance project plans (QAPP), including using the Uniform Federal Policy (UFP) QAPP format. He was involved with the following QAPPs: Nellis Air Force Base, Davis-Monthan Air Force Base, and Bristol Myers Squibb Syracuse Campus.

Laboratory Auditing

Mr. Henderson attended Environmental Laboratory Assessment training from the National Environmental Laboratory Accreditation Conference (NELAC) and has performed laboratory auditing under the supervision of Julia Caprio.

Vapor Intrusion

Velsicol Chemical Corporation**,** *Chattanooga, TN*. Installed soil sampling probes and collected soil gas samples in Summa canisters for volatile organic compound (VOC) analysis and polyurethane foam cartridges for pesticide analysis.

Conrail Site Elkhart**,** *Elkhart, IN*. Performed portable gas chromatograph/mass spectrometer (GC/MS) analysis of a residential sub-slab and indoor air using HAPSITE GC/MS in response to vapor intrusion exceedances of a residence with an installed vapor mitigation system. Summarized data to compare to Summa sampling results.

Corpus Christi Army Depot**,** *Corpus Christi, TX*. Performed portable GC/MS analysis of an Army Depot using HAPSITE GC/MS to search for potential pathways to mitigate prior to deploying Summa canisters. Deployed Summa canisters for indoor and sub-slab sampling.

Texas Instrument, *Dallas, TX*. Performed portable GC/MS analysis on samples collected in tunnels beneath a multi-use building to determine potential exposure of vapor intrusion compounds to building occupants.

CDG-Cumberland, *Knoxville, TN*. Supervised several smoke tests of vapor mitigation barrier installations for a new construction.

Paducah Gaseous Diffusion Plant, *Paducah, KY*. Performed indoor, outdoor, and sub-slab sampling using Summa canisters. Monitored weather using a weather station and gathered differential pressure readings using a DG-700 meter. Performed a helium leak test on sub-slab sample ports using a shroud and "shut-in" test. Used a landfill gas meter to determine the equilibrium of sample locations.

Naval Base Kitsap, *Keyport, WA*. Performed portable GC/MS analysis on several buildings to optimize a sample plan and locate potential pathways and indoor sources. Tested the buildings for methane using landfill gas meter and gathered differential pressure readings between the building and outdoors using a DG-700 meter.

Site Remediation

Former Robertshaw Controls Site, *Knoxville, TN*. Performed groundwater sampling and reporting.

Berry's Creek Study Area, *Bergen County, NJ*. Performed sediment core sampling and prepared samples for shipment to the laboratory.

Laboratory Experience

Mr. Henderson's experience in environmental analytical laboratory includes preparing and analyzing environmental samples for metal and VOC analysis using atomic absorption and analyzing gas chromatography using multiple detectors including mass spectrometry interpretation. He has prepared samples using acid digestion, leachates, and extraction for metals (including mercury) and VOC analysis. His method experience includes the following:

- SW846 8021 Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors
- SW846 8260 Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry
- SW846 7000 Flame Atomic Absorption Spectrophotometry
- SW846 7010 Furnace Atomic Absorption Spectrophotometry
- SW846 7470 Mercury in Liquid Waste (Manual Cold-Vapor Technique)
- SW846 7471 Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)
- SW3005 Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by Flame Atomic Absorption (FLAA) or inductively coupled plasma (ICP) Spectroscopy

- SW3010 Acid Digestion of Aqueous for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy
- SW3050 Acid Digestion of Sediments, Sludges, and Soils
- SW1311 Toxicity Characteristic Leaching Procedure
- SW1312 Synthetic Precipitation Leaching Procedure
- SW5030 Purge-and-Trap for Aqueous Samples
- SW5035 Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
- EPA Method 601/602 Purgeable Halocarbons and Aromatics
- EPA 624 Purgeables
- SW846 9040 pH Electrometric Measurement

Nuclear Waste Characterization

Mr. Henderson's experience in the nuclear waste field has involved venting waste drums and testing headspace for VOCs. As Group Lead, he has worked in radiation areas and used personal protection equipment. Mr. Henderson has performed the following duties:

- Analyzed headspace gas using modified SW8260 method with a drum venting system that allowed for the delivery of headspace to the GC/MS system.
- Performed syringe sampling of waste drums through filter septum for headspace gas analysis.
- Performed headspace sampling of waste drums using Summa canisters for off-site analysis and transported samples with chain of custody, tamper proof devices, and min/max thermometers.
- Determined the drum age requirement based on procedure and the drum profile based on historic data.
- Reported sample data and performed level one review and submittal of data for project-level reviews.
- Served as Group Lead responsible for training, group inventory, subject matter expert, and technical expert for management correspondents.
- Followed Radiological Worker II Training by using proper protective clothing, dosimeters, and respirators.
- Validated standard operating procedures and offered procedure changes to improve process or correct errors.

- Tested software to ensure the expected output for revision change.
- Served as a Technical Expert for hazard analysis of group activity.

Mr. Henderson utilized high-performance liquid chromatography to determine aflatoxin levels in corn and corn products in a manufacturing laboratory.

PROFESSIONAL EXPERIENCE

Tate and Lyle, Loudon, TN, 2012
Nuclear Filter Technology, Lenoir City, TN, 2004-2012
ATC Associates, Marietta, GA, 1997-2004

AFFILIATIONS

Associate Member, American Society for Quality, 2012

INVITED PRESENTATIONS

Christopher Gale, Todd McAlary, Hester Groenevelt, Lisa Smith, Kristoffer Henderson. (2016). "Comparison of Field Analytical Instruments for Vapor Intrusion Assessment." Battelle 2016 Chlorinated Conference.

Kristoffer Henderson, Duane Graves, Leroy Leonard, Tyler McNabb, Jessie Fears. (2016, June 7-9). "Phytoremediation Complements Enhanced In Situ Bioremediation (EISB) for Optimized Groundwater Remediation." 16th Annual Meeting of the American Ecological Engineering Society.

Kristoffer Henderson, Duane Graves, Robbie Ettinger, and Tammy Hebeler. (2017, April 20). "Using the HAPSITE as a Vapor Intrusion Investigation Tool." Department of Defense Environmental Monitoring Data Quality Workshop.

Kristoffer Henderson and Teresa Fischer. (2017, May 18). "Vapor Intrusion, What Is It and Why It Matters." Show of the South. May 18, 2017.

Geosyntec
consultants

ARON A. KRASNOPOLER, Ph.D., P.E.

remedial design and construction
in-situ bioremediation and chemical oxidation
soil and groundwater investigation
site conceptual model development

EDUCATION

Ph.D., University of Washington, Chemical Engineering, Seattle, Washington, 1994
M.S., University of Washington, Chemical Engineering, Seattle, Washington, 1992
B.S., Cornell University, Chemical Engineering, Ithaca, New York, 1988

REGISTRATIONS AND CERTIFICATIONS

Chemical Engineer, Maryland
Registered Engineer, New York
OSHA 40-hr Hazardous Waste Operations and Emergency Response Certified
Advanced Post-Master's Certificate, The Johns Hopkins University, Environmental Engineering, Baltimore, Maryland, 1999

CAREER SUMMARY

Dr. Krasnopoler has over 20 years of experience in site investigation and remediation of contaminated sites under CERCLA, RCRA, state-led, and Brownfields cleanup. He has developed and implemented work plans for site characterization, feasibility studies for remedy selection, and pilot testing and design packages for remedial construction. Client sectors have included industrial manufacturing, pharmaceutical, military, municipal, railroad, and solid waste management. Sites contaminants have included chlorinated solvents, petroleum hydrocarbons, PCBs and heavy metals.

Dr. Krasnopoler has been the Design Engineer and Engineer of Record for multiple interim measures to remove PCB-impacted soils from a former manufacturing facility currently used as a high school under a state Brownfields Cleanup Program. Performance-based PCB cleanups have been completed in coordination with high school capital improvements.

Dr. Krasnopoler specializes in the design of in-situ remedial systems, including air sparging, bioventing, biosparging, in-situ chemical oxidation (e.g., Fenton's reagent, ozone), and soil vapor extraction. He has developed pilot test programs for feasibility demonstration and the collection of design parameters.

Dr. Krasnopoler has conducted environmental due diligence for potential real estate transactions and corporate acquisition for a variety of properties including manufacturing facilities, pest control operations, aerial photography operations, former lumber mills and solid waste facilities.

Remedy Selection, Design and Construction

PCB Remediation

Confidential Client, *New York.* Designed interim measures for removal of PCB-impacted soils and former industrial sewer from a former manufacturing facility currently used as a high school. Performance-based PCB cleanups were conducted in coordination with high school capital improvements. Pre-delineation defined volumes to be excavated and disposed of as hazardous waste and non-hazardous waste. Engineer-of-Record for construction quality assurance for soil removal. Construction challenges included limited construction schedules to accommodate high school capital improvements and academic calendar and the presence of historic concrete foundations.

Confidential Client, *New York*. Conducted pre-design investigations of oil-water separator as potential source for migration of PCBs and metals to adjacent wetlands and surface water. Investigations included test pitting and video surveys to identify upstream connections from former combined industrial sewer and waste characterization. Designed interim measure for to remove the oil-water separator and shallow soils impacted by PCBs and metals and to modify stormwater management infrastructure.

In-situ Chemical Oxidation

Cortese Landfill NPL Site, *Narrowsburg, New York.* Prepared a feasibility study for treatment of a residual source area at a Superfund site that increased the duration of the proscribed groundwater extraction and treatment remedy that resulted in the selection of a remedial alternative with lower cost and expected operational duration. The selected remedial alternative will reduce migration of organic contaminants downgradient through in-situ source area treatment including air sparging, soil vapor extraction, and amendment with ozone. Planned and implemented a pilot test to collect design parameters for the full-scale design of the air sparging and soil vapor extraction systems. Prepared a final design report for in-situ source area treatment in two treatment areas. Prepared a bid package for construction of the air sparging and soil vapor extraction components of the in-situ source treatment and assisted the client in evaluating the bids for contractor selection. Engineer-of-Record for construction quality assurance for source area remedial action construction. Supervised startup and regular operation and maintenance of soil vapor extraction and air sparging systems. In-situ source treatment achieved mass flux reduction performance goal after three years of operation and active treatment was suspended. Performance monitoring continues in order to evaluate for potential rebound prior to transition to monitored natural attenuation.

Willow Grove Air Reserve Station, *Horsham, Pennsylvania.* Project Engineer for the design of a two-staged remedy to treat free product and dissolved constituents resulting from a jet fuel release. The remedy included in-situ chemical oxidation to remediate free product and enhanced bioremediation to break down the dissolved jet fuel constituents. The design included well layout and construction, oxidation reagent quantities. Designed, planned and provided oversight for in-

situ chemical oxidation (Fenton's reagent) pilot study to determine feasibility and provide design parameters for full-scale design. Obtained necessary permits for pilot studies including a waiver for underground injection control permit.

In-situ Bioremediation

ESTCP EK-BIO Field Demonstration, *Jacksonville, Florida.* Design engineer for a field-scale technology demonstration of electrokinetically enhanced in-situ bioremediation (EK-BIO) for a PCE source area at Naval Air Station, Jacksonville. EK-BIO uses electric fields to distribute electron donor and other amendments in low permeability soils. The project is funded by DoD ESTCP and with collaboration from Army Corps of Engineers and Naval Facilities Engineering Command Southeast.

Confidential Client, *Voorhees, New Jersey.* Project Engineer for construction, start-up, operation and monitoring of an aerobic biobarrier to prevent groundwater contamination from adjacent closed industrial and municipal landfills from reaching surface water receptors. Pre-construction activities included preparing construction permits and soliciting bids for drilling, trenching, pipe installation and electrical work. Construction activities included trenching for the installation of utilities and underground air injection piping, installation of air injection equipment and associated piping and instrumentation. Start-up activities included leak checking, flow balancing, vapor monitoring and groundwater monitoring. Operation and monitoring activities included flow balancing and performance groundwater monitoring. After seven years of operation, concentrations in shallow and intermediate groundwater downgradient of the barrier were below remediation standards and surface water concentrations were below remediation standards in all but a few locations.

Elizabethtown Landfill NPL Site, *West Donegal Twp., Pennsylvania.* Supported a focused feasibility study of aerobic in-situ bioremediation and metals precipitation using dilute hydrogen peroxide as an alternative to the ROD groundwater extraction and treatment remedy.

City of Alexandria, Virginia. Designed and implemented pilot test for aerobic in-situ bioremediation remedy to treat BTEX and naphthalene plume located downgradient of a former manufactured gas plant and to prevent discharge to the Potomac River. Prepared a 60% remedial design of a full-scale biosparging system based on pilot test results and lab-scale treatability studies. The remedial design also includes an in-situ oil-water separator and an in-situ permeable reactive barrier to collect free product that may be mobilized during storm events.

Confidential Client, *Minnesota.* Provided technical advice for optimization of butane-stimulated co-metabolic biosparging system for treatment of chlorinated solvents.

Naval Air Station North Island, *California.* Designed and implemented control logic for a groundwater recirculation system to enhance bioremediation of dissolved chlorinated solvents. Set up and programmed a supervisory control and data acquisition (SCADA) system to monitor system inputs, control system outputs and notify remotely in the case of an alarm condition.

United States Geological Survey, *Baltimore, Maryland.* Supported pilot studies in the West Branch Canal Creek Study Area, Aberdeen Proving Grounds, Edgewood, Maryland, to intercept chlorinated solvent contamination arising from a groundwater seep that is hydraulically connected to a groundwater plume. Supported construction of an artificial layer of natural materials to mimic natural attenuation through sediment and supporting monitoring wells. Participated in baseline and performance groundwater sampling for analysis of VOCs, redox parameters and major ions. Collected and analyzed groundwater samples for bromide concentration as part of a tracer test prior to a bioaugmentation by direct injection.

Willow Grove Air Reserve Station, *Horsham, Pennsylvania.* Project Engineer for design of a two-staged remedy to remediate free product and dissolved constituents resulting from a jet fuel release. The remedy included in-situ chemical oxidation to remove free product and enhanced bioremediation to break down the dissolved jet fuel constituents. The design included well layout and construction, and specification of air injection equipment for oxygen delivery. Designed, planned and performed a biosparging pilot study to collect design parameters for full-scale design.

Pharmaceutical Manufacturing Facility. Project Engineer in support of RCRA Corrective Action. Designed and implemented pilot studies for bioventing and biosparging remedies for residual contamination in overburden soils and groundwater. Assisted in the design of a containerized air injection system, which included explosion-proof blowers, heat exchanger, moisture separator, system piping, telemetry, and electrical components. Also assisted with system shakedown and start-up operation. Performed soil gas sampling and in situ respirometry testing and analyzed data to establish baseline and intermediate VOC concentrations and biodegradation rates. Prepared monthly reports of VOC emissions during pilot studies for use in the facility's air emissions reports.

Nano-scale Zero Valent Iron

Aerojet General Corporation, *Rancho Cordova, California.* Project Engineer for the evaluation of laboratory treatability studies to measure the performance of nanoscale metallic particles for treating trichloroethene, perchlorate, and n-nitrosodimethylamine in soil and groundwater at a California Superfund site.

Edwards Air Force Base, *California.* Project Engineer for the evaluation of laboratory treatability studies to measure the performance of nanoscale metallic particles for treating trichloroethene, carbon tetrachloride, and perchlorate in soil and groundwater at a California Superfund site.

Other

Nuclear Metals, Inc. Superfund Site, *Concord, Massachusetts.* Developed feasibility study cost estimates for remedial alternatives using RACER cost estimating software and site-specific cost estimates for VOC and uranium plumes. Remedial technologies included groundwater extraction, air stripping, ion exchange, permeable reactive barriers and monitored natural attenuation.

FMC Corporation, *Newark, California.* Project Engineer for design and construction of a steam-enhanced dual-phase extraction system to remove ethylene dibromide and ethylene dichloride from shallow, low permeability soils and groundwater. Prepared draft process design including sizing and costing of major equipment, mass balances and equipment layout.

High Voltage Engineering Corp., *Burlington, Massachusetts.* Project Engineer for redesign of a groundwater treatment system including new pumps, packaged air stripper system and piping network. Determined sizes for submersible pumps and piping. Determined replacement schedule for vapor-phase carbon adsorber. Designed layout of metering well vaults. Investigated the requirements for installation of packaged air stripper system in an underground building. Prepared drawings and specifications for the construction of the system and reviewed subcontractor proposals.

Confidential Client, *New Jersey*. Developed conceptual design and cost estimate for contingency to upgrade a municipal water supply to remove arsenic and mercury by ion exchange.

Campbell's Soup Company, *Napoleon, Ohio.* Developed costs for removal of an unregulated landfill and soil treatment by medium-temperature thermal desorption.

Site Investigation

Confidential Client, *New York*. Developed and implemented a supplemental remedial investigation of potential discharges from an oil-water separator to adjacent wetlands and surface water. Potential impacts include PCBs and inorganic constituents in soil, sediment and surface water. Managed investigation of over 10,000 feet of linear stream for potential PCB and metals impacts.

Confidential Client, *New York*. Developed and implemented site characterization of a former manufacturing facility currently used as a high school. Potential impacts include PCBs, metals and VOCs in soil, groundwater, sub-slab vapor and indoor air. Conducted investigations of the effect of HVAC operations on indoor air quality. Installed a sub-slab depressurization system to mitigate VOC concentrations in indoor air.

Confidential Client, *New York*. Developed and implemented site characterization of a former manufacturing facility currently used for light industry. Potential impacts include PCBs, metals and PAHs in soil.

Confidential Client, *Connecticut.* Developed a pre-design investigation for remedial action at a former manufacturing facility. Areas of concern include solid waste disposal areas and releases of petroleum hydrocarbons and chlorinated solvents. Updated conceptual site model and developed remedial approach. Proposed remedial actions include selective soil removal, engineered controls and monitored natural attenuation of groundwater.

Confidential Client, *Virginia*. Task manager for the site investigation of navigational components manufacturer under the USEPA Region 3 Facility Lead Corrective Action Program. Prepared a

Description of Current Conditions Report and site characterization work plan. Coordinated site characterization activities and analysis and reporting of results. Prepared an Interim Measures Work Plan for a soil removal action to remove soils that represent a potential risk to construction workers. Prepared evaluation of monitored natural attenuation as potential remedy for groundwater and developed long-term groundwater monitoring plan.

Confidential Client, *Maryland*. Prepared site investigation work plan and managed site characterization data for investigation of relationship between VOCs in site soil gas and groundwater and in off-site production wells.

Vapor Intrusion

Aberdeen Proving Ground, *Edgewood, Maryland.* Consolidated site characterization data from multiple consultants into a relational database and GIS. Compared extent of chemicals of potential concern for vapor intrusion to building locations to screen buildings for further investigation.

Confidential Client, *New York*. Conducted investigations of potential VOC impacts to indoor air at a former manufacturing facility currently used as a high school. Conducted investigations of the effect of HVAC operations on indoor air quality. Installed a sub-slab depressurization system to mitigate VOC concentrations in indoor air.

Confidential Client, *Virginia*. Conducted evaluations of potential vapor intrusion risk at a navigational components manufacturer under the USEPA Region 3 Facility Lead Corrective Action Program. Conducted sub-slab vapor and soil gas sampling for VOCs that indicated that potential risk from VOC concentrations in indoor air are in the acceptable range.

Due Diligence

Confidential Client, *Ohio.* Performed Phase I ESA of aseptic creamer manufacturing facility for a potential acquisition.

Confidential Client, *Georgia*. Performed Phase I ESA of a pest control operation for a potential acquisition.

Confidential Client, *Pennsylvania.* Performed Phase I ESAs of medical device manufacturing facilities for a potential acquisition.

Confidential Client, *Maryland.* Performed Phase I ESA of a former lumber mill in Eastern Maryland for a potential property acquisition.

Confidential Client, *Illinois*. Performed Phase I ESAs of aerial photography operations for potential investors.

Environmental and Operational Review, *EnviroSolutions, Inc., Newark, New Jersey.* Performed environmental and operational review of a transfer facility in for potential solid waste acquisition.

Modeling

Confidential Client, *Tennessee.* Developed groundwater flow model using MODFLOW 2000 to simulate groundwater extraction in fractured bedrock in order to optimize pumping rates.

Edwards Air Force Base, *California.* Used Visual MODFLOW and MODPATH to predict groundwater flow and particle pathways during injection and recirculation of nanoscale zero valent iron particles as part of pilot test to remediate a chlorinated solvent plume.

Savannah River Site. Developed calculation of the rate of TCE biodegradation in wetland sediments that showed that intrinsic bioremediation was occurring in the wetland sediments. SRS Engineering Calculation Q-CLC-B-00026," Biological Degradation Rate for TCE at Twin Lakes Wetlands".

Pharmaceutical Manufacturing Facility, *New Jersey*. Peer reviewed another consultant's model for assessing SVE performance and selection of cleanup levels at a RCRA facility. Developed an alternative SVE model that improved the description of mass transfer across the water table and vapor flow to the extraction well. The client selected our SVE model over the other consultant's model.

Environmental Liability Valuation

Confidential Client. Prepared cost estimates for future environmental liabilities for an automobile parts manufacturer as part of insurance cost recovery using cost modeling database application.

Confidential Client. Managed review and categorization of incurred costs for an electrical transformer manufacturer related to environmental investigation, remediation and legal defense.

Litigation Support

U.S. Department of Justice. Researched costs for treatment using low-temperature thermal desorption in support of cost recovery for remediation of a Superfund site. Costs were found to be within the range of similar projects despite contractor errors and the Federal government was able to recover partial costs of the remedy from the responsible parties.

Training

U.S. EPA Technology Innovation Office. Prepared course materials for short course on Field-based Investigations of DNAPL. Materials included descriptions of DNAPL physics and chemistry, invasive and non-invasive techniques.

NEPA Assessments

Bechtel Corp. Conducted site visits and prepared NEPA assessments for construction and co-location of cellular communications antennas in the Washington, D.C. Metro area.

Geosyntec consultants

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Columbia, Maryland, 2004-present
GeoTrans, Inc., Sterling, Virginia, 1999-2003
Texas A&M University Department of Chemistry, College Station, Texas, 1997-1998
University of Colorado at Boulder Department of Chemistry, Boulder, Colorado, 1995-1997

REPRESENTATIVE PUBLICATIONS

01-1 Krasnopoler, A., G. Council and P. Andersen. (2001) Biological Degradation Rate for TCE at Twin Lakes Wetlands. Calculation Number Q-CLC-B-00026. Savannah River Site.

98-1 Krasnopoler and S. M. George. (1998) Infrared Resonant Desorption of H2O from Ice Multilayers. Journal of Physical Chemistry B. 102:788.

96-1 Krasnopoler, A., N. Kizhakevariam and E. M. Stuve. (1996) Hydrogen Bonding and Surface Interactions among Protic Solvents: Coadsorption of Ammonia and Hydrogen Fluoride with Water on Silver (110). J. Chem. Society, Faraday Transactions. 92:2445.

95-1 Krasnopoler, A., A. L. Johnson and E. M. Stuve. (1995) Hydrogen Bonding and Molecular Orientation in Water/Fluorine Adlayers on Silver (110). Surface Science, 328:186.

95-2 Krasnopoler, A. and E. M. Stuve. (1995) Evidence of Specific and Non-Specific Adsorption of ClO4 on Ag (110). J. Vac. Sci. and Tech.A, 13:1681.

95-3 Stuve, E. M., A. Krasnopoler and D. E. Sauer. (1995) Relating the In-situ, Ex-situ and Non-situ Environments in Surface Electrochemistry. Surface Science. 335:177.

94-1 Krasnopoler, A. and E. M. Stuve. (1994) Coadsorption of Fluorine and Water on Ag (110). Surface Science.303:355.

94-2 Krasnopoler, A. (1994) Studies of the Structure of the Electrode-Electrolyte Interface by Ultra-high Vacuum Simulation. Ph. D. Dissertation, University of Washington.

92-1 Krasnopoler, A. (1992). Coadsorption of Water and Fluorine on Ag (110). Master's Thesis, University of Washington.

INVITED PRESENTATIONS

Krasnopoler, A., K. Philpy, M. Hansen, M. Berman, N. Durant and L. Hamilton. "Performance Evaluation of a Full-Scale Biosparging Barrier." Ninth International In Situ and On-site Bioremediation Symposium. Baltimore, Maryland. May 2007.

Krasnopoler ,A. and S. M. George. "H_2O Resonant Desorption from Ice Multilayers using the Mark III Infrared Free Electron Laser." 43rd National Symposium of the American Vacuum Society. Philadelphia, Pennsylvania. October 1996.

Krasnopoler, A. and E. M. Stuve. "Evidence of Specific and Non-specific Adsorption of ClO_4 on Ag (110)." 41st National Symposium of the American Vacuum Society. Denver, Colorado. October 1994

Krasnopoler, A., A. L. Johnson and E. M. Stuve. "Hydrogen Bonding and Molecular Orientation in Water/Fluorine Adlayers on Silver (110)." 40th National Symposium of the Americana Vacuum Society. Orlando, Florida. October 1993.

Geosyntec
consultants

ERIN LACOSTA, EIT

Environmental Investigation
Environmental Remediation
Data Management

EDUCATION

Bachelor of Science, Chemical Engineering, Rutgers University, New Brunswick, New Jersey, 2016

REGISTRATIONS AND CERTIFICATIONS

Engineer in Training, New Jersey
Passed the Environmental Principles and Practice of Engineering Exam in August 2022
OSHA 40-Hour HAZWOPER
Electrical Hazards and NFPA 70 Training

CAREER SUMMARY

Ms. LaCosta is a Professional in the Blue Bell, Pennsylvania office with more than five years of consulting experience and one and a half years of industry experience. As a consultant, she has completed soil and groundwater remediation implementation, prepared several key budget estimates and client submittals, and has conducted soil, sediment, groundwater, surface water and vapor intrusion sampling. She has also worked as a process engineer in industry to produce products on a commercial scale.

REPRESENTATIVE CONSULTING EXPERIENCE

Confidential Client, *Branchburg, New Jersey*
Ms. LaCosta worked as a seconded employee for an industrial client. She managed analytical data collected from a significant industrial user wastewater treatment system for compliance with local and federal requirements. Communicated with on-Site workers to understand flow rates and treatment process in order to complete semiannual submittals and permit renewal forms for the local sanitary district. Completed yearly stormwater discharge audits for compliance with local and state permits. Prepared presentations on RCRA and industrial stormwater management for employee training. Worked with process engineers at multiple sites to calculate gaseous emissions from new processes in order to notify relevant regulatory bodies. Submitted chemical inventories for sites in four different states to comply with Sections 311-312 of the Emergency Planning and Community Right to Know Act.

Confidential Client, *Belleville, New Jersey*
Served as the Assistant Project Manager for Site undergoing remediation for soil, groundwater and indoor air impacts. Created proposals detailing scope of work and budget for investigation and remediation activities, including soil excavation, enhanced in situ bioremediation (EISB) for groundwater, and vapor intrusion monitoring events. Managed approved $1.7 million budget and contributed to regulatory submittals

including Remedial Investigation Report, Remedial Action Workplan, Permit-by-Rule application, Erosion and Sediment Control Design, and Annual Maintenance and Monitoring Report. Screened and summarized various remediation options for Client review. Designed sampling plan and perimeter air monitoring program to support soil excavation activities. Communicated with owners of neighboring commercial properties to collect indoor air samples. Led field work including EISB oversight, sub-slab soil gas sampling, soil vapor extraction (SVE) system routine monitoring and troubleshooting, and soil and groundwater sampling events. Reviewed data for usability according to New Jersey Data of Known Quality (DKQP) protocols.

Confidential Client, *Trenton, New Jersey.*
Created proposals detailing scope of work and budget for groundwater investigation and remediation activities inside an active HVAC production factory. Managed approved $115,000 budget and led groundwater sampling events. Contributed to Permit-by-Rule application detailing bioremediation design and subsequently executed EISB workplan. Reviewed data for usability according to New Jersey Data of Known Quality (DKQP) protocols.

Confidential Client, *Pittston, Pennsylvania.*
Created proposals detailing scope of work and budget for surface water sampling and habitat evaluations. Submitted a workplan for approval by Pennsylvania Department of Environmental Protection. Managed approved $67,000 budget and led surface water sampling, habitat evaluation, and groundwater sampling field events.

ShieldAlloy Metallurgical Corporation Superfund Site, *Gloucester and Cumberland County, New Jersey*
Prepared an Identification and Initial Screening of Candidate Technologies (IISCT) for submission to the United States Environmental Protection Agency (USEPA) in accordance with Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA. Specifically, the IISCT evaluated remediation techniques to address perchlorate impacts in groundwater by researching industry best practices, comparing General Response Actions, and developing Response Alternatives.

Confidential Client, *Linden, New Jersey*
Developed cost estimates and scopes of work to treat groundwater impacts using in situ chemical oxidation. Performed indoor air and sub-slab soil gas sampling at off-site industrial locations to evaluate impacts from the Site.

Monitor Devices, Inc./Intercircuits, Inc. Superfund Site, *Wall Township, New Jersey*
Assisted in the completion of a Focused Feasibility Study for 1,4-dioxane in groundwater. Prepared conceptual designs and cost estimates for different alternatives and responded to comments from USEPA and United States Army Corps of Engineers comments.

Confidential Client, *Eatontown, New Jersey*
Completed wipe and ambient air sampling to test for the presence of active pharmaceutical ingredients on surfaces after decontamination, decommissioning and demolition (DDD) activities were completed at a former pharmaceutical manufacturing facility. Incorporated analytical results and detailed description of all DDD activities into

final report for Client use.

Gowanus Canal Superfund Site, *New York, New York*
Oversaw drill rig operation on a barge. Directed barge operator to correct sample locations using portable Global Positioning System. Collected porewater samples for laboratory analysis and characterized sediment borings.

Confidential Client, *Newark, New Jersey*
Led on-site tasks for the first ever implementation of full-scale Self-Sustaining Treatment for Active Remediation (STAR) to treat soil and groundwater contamination. Oversaw drill rig operation and characterized soil borings to decide treatment depth. Set up STAR equipment before weekly system start-ups. Resolved process issues in-person and remotely during night shifts.

REPRESENTATIVE INDUSTRY EXPERIENCE

Beyond Meat, *Devault, Pennsylvania*
Worked as a Process Engineer for Beyond Meat from 2021-2022. Synthesized knowledge of small-scale (<1 lb/hr) processes to produce new or improved plant-based products safely and efficiently on a commercial scale (3,000+ lb/hr). Led commercial and pilot trial runs of new or improved products by working cross functionally with internal marketing, sales, supply chain, innovation and operations groups. Analyzed data collected at trials to write process specifications and batching sheets, used Safety Chain to develop quality assurance forms. Trained production employees and quality technicians on new processes. Reviewed Spill Prevention, Control and Countermeasure Federal Regulation to determine applicability and assisted Environmental Health and Safety Manager with updating Spill Response Plans accordingly. Member of the Safety Committee at Devault, PA production facility.

PROFESSIONAL EXPERIENCE

Geosyntec Consultants, Blue Bell, Pennsylvania, 2023-Present
Beyond Meat, Devault, Pennsylvania, 2021-2022
Geosyntec Consultants, Blue Bell, Pennsylvania, 2016-2021
Geo-Technology Associates, Somerset, New Jersey, 2015-2016

PROFESSIONAL AFFILIATIONS

Interstate Technology Regulatory Council, 2021

Appendix C.2
Data Quality Specification for Indoor Air

ANALYTICAL METHODS

Section 12.0

Method: EPA Method TO-14A/TO-15 Volatile Organic Compounds (Low Level)			
Laboratory SOP #: 83	Revision #: 26	Effective Date: July 12, 2022	Methods Manual Summary

Description: This method involves full scan gas chromatograph/mass spectrometer (GC/MS) analysis of whole air samples collected in evacuated stainless steel canisters. Samples are analyzed for volatile organic compounds (VOCs) using EPA Method TO-14A/TO-15 protocols. An aliquot of up to 400 mL of air is withdrawn from the canister utilizing a mass flow controller. This volume is loaded onto a hydrophobic multibed sorbent trap to remove water and carbon dioxide and to concentrate the vapor sample. The focused sample is then flash-heated to sweep adsorbed VOCs onto a GC/MS for separation and detection. Compounds are detected using a mass spectrometer operating in full scan mode.

Eurofins Environment Testing Northern California, LLC maintains a suite of TO-14A/TO-15 methods, each optimized to efficiently meet the data objectives for a wide range of targeted concentration ranges. The methods, their reporting limits, and typical applications are summarized in the table below. This method summary describes TO-14A/TO-15 full scan (Low Level).

Eurofins Environment Testing Northern California, LLC Method	Base Reporting Limits	Typical Application
TO-14A/TO-15 Full Scan (5&20)	5 – 20 ppbv	Soil gas and ppmv range vapor matrices
TO-14A/TO-15 Full Scan (Standard or Quad)	0.5 – 5.0 ppbv	Ambient air, soil gas, and ppbv level vapor matrices
TO-15 Full Scan (Extended)	0.2 – 5.0 ppbv	Ambient air and ppbv level vapor matrices
TO-14A/TO-15 Full Scan (Low level)	0.1 – 1.0 ppbv	Indoor and outdoor air
TO-14A/TO-15 (SIM)	0.01 – 0.5 ppbv	Indoor and outdoor air

Certain compounds are not included in Eurofins Environment Testing Northern California, LLC's standard target analyte list. These compounds are communicated at the time of client proposal request. Unless otherwise directed, Eurofins Environment Testing Northern California, LLC reports these non-routine compounds with partial validation. Validation may include a 3-point calibration with the lowest concentration defining the reporting limit, no second source verification analyzed, and no method detection limit study performed unless previous arrangements have been made. In addition, stability of the non-standard compound during sample storage is not validated. Full validation may be available upon request.

Since Eurofins Environment Testing Northern California, LLC applies TO-15 methodology to all Summa™ canisters regardless of whether TO-14A or TO-15 is specified by the project, Eurofins Environment Testing Northern California, LLC has established modifications to method TO-14A

and TO-15 as detailed in Table 1 and Table 2. Please note that Methods TO-14A and TO-15 were validated for specially treated canisters. As such, the use of Tedlar bags for sample collection is outside the scope of the method and is not recommended for ambient or indoor air samples. It is the responsibility of the data user to determine the usability of TO-14A and TO-15 results generated from Tedlar bags.

All samples submitted for TO-15 Low Level are screened prior to analysis. If samples contain high concentrations of target and/or non-target VOCs, samples may be analyzed by an alternative TO-15 method (i.e., Standard or 5&20) with a higher dynamic calibration range.

Table 1. Summary of TO-14A Method Modifications

Requirement	TO-14A	Laboratory Modifications
Sample Drying System	Nafion Dryer	Multibed hydrophobic sorbent
Blank acceptance criteria	< 0.2 ppbv	< RL
BFB ion abundance criteria	Ion abundance criteria listed in Table 4 of TO-14A	Follow abundance criteria listed in TO-15.
BFB absolute abundance criteria	Within 10% when comparing to the previous daily BFB	CCV internal standard area counts are compared to ICAL; corrective action taken when recovery is less than 60%.
Blanks and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air for trace level measurements.
Initial Calibration	≤ 30% RSD for listed 39 VOCs	≤ 30% RSD with 4 compounds allowed out to ≤ 40%

Table 2. Summary of Method TO-15 Modifications

Requirement	TO-15	Laboratory Modifications
Initial Calibration	≤ 30% RSD with 2 compounds allowed out to < 40% RSD	≤ 30% RSD with 4 compounds allowed out to ≤ 40%
Blanks and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air for trace level measurements.

The standard target analyte list, reporting limits (RL), also referred to as Limit of Quantitation (LOQ), Quality Control (QC) criteria, and QC summary can be found in tables 3 through 6.

Table 3. Method TO-14A/TO-15 Standard Analyte List (Low Level) and QC Limits

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS* (%R)	Precision Limits (Max. RPD)
1,1,2,2-Tetrachloroethane	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,1,2-Trichloroethane	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,1-Dichloroethane	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,1-Dichloroethene	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,2,4-Trichlorobenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,2,4-Trimethylbenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dibromoethane (EDB)	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichlorobenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichloroethane	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichloropropane	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,3,5-Trimethylbenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,3-Dichlorobenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,4-Dichlorobenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Benzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Bromomethane	5.0	≤ 30%	70 – 130	70 – 130	± 25
Carbon Tetrachloride	0.1	≤ 30%	70 – 130	70 – 130	± 25
Chlorobenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Chloroethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Chloroform	0.1	≤ 30%	70 – 130	70 – 130	± 25
Chloromethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Chlorotoluene (Benzyl Chloride)	0.1	≤ 30%	70 – 130	70 – 130	± 25
cis-1,2-Dichloroethene	0.1	≤ 30%	70 – 130	70 – 130	± 25
cis-1,3-Dichloropropene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Dichloromethane (Methylene Chloride)	0.2	≤ 30%	70 – 130	70 – 130	± 25
Ethylbenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Freon 11 (Trichlorofluoromethane)	0.1	≤ 30%	70 – 130	70 – 130	± 25
Freon 113 (Trichlorotrifluoroethane)	0.1	≤ 30%	70 – 130	70 – 130	± 25
Freon 114	0.1	≤ 30%	70 – 130	70 – 130	± 25
Freon 12 (Dichlorodifluoromethane)	0.5	≤ 30%	70 – 130	70 – 130	± 25
Hexachlorobutadiene	0.5	≤ 30%	70 – 130	70 – 130	± 25
m,p-Xylene	0.1	≤ 30%	70 – 130	70 – 130	± 25

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS* (%R)	Precision Limits (Max. RPD)
Methyl Chloroform (1,1,1-Trichloroethane)	0.1	≤ 30%	70 – 130	70 – 130	± 25
o-Xylene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Styrene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Tetrachloroethene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Toluene	0.1	< 30%	70 – 130	70 – 130	± 25
trans-1,3-Dichloropropene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Trichloroethene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Vinyl Chloride	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,3-Butadiene	0.1	≤ 30%	70 – 130	70 – 130	± 25
1,4-Dioxane	0.1	≤ 30%	70 – 130	70 – 130	± 25
2-Butanone (Methyl Ethyl Ketone)	0.5	≤ 30%	70 – 130	70 – 130	± 25
2-Hexanone	0.5	≤ 30%	70 – 130	70 – 130	± 25
4-Ethyltoluene	0.1	≤ 30%	70 – 130	70 – 130	± 25
4-Methyl-2-Pentanone (MIBK)	0.1	≤ 30%	70 – 130	70 – 130	± 25
Acetone	2.0	≤ 30%	70 – 130	70 – 130	± 25
Bromodichloromethane	0.1	≤ 30%	70 – 130	70 – 130	± 25
Bromoform	0.1	≤ 30%	70 – 130	70 – 130	± 25
Carbon Disulfide	0.5	≤ 30%	70 – 130	70 – 130	± 25
Cumene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Cyclohexane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Dibromochloromethane	0.1	≤ 30%	70 – 130	70 – 130	± 25
Ethanol	2.0	≤ 30%	70 – 130	70 – 130	± 25
Heptane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Hexane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Isopropanol	2.0	≤ 30%	70 – 130	70 – 130	± 25
Methyl tert-Butyl Ether (MTBE)	0.1	≤ 30%	70 – 130	70 – 130	± 25
Propylbenzene	0.1	≤ 30%	70 – 130	70 – 130	± 25
Propylene	1.0	≤ 40%	60 – 140	60 – 140	± 25
Tetrahydrofuran	0.5	≤ 30%	70 – 130	70 – 130	± 25
trans-1,2-Dichloroethene	0.1	≤ 30%	70 – 130	70 – 130	± 25
2,2,4-Trimethylpentane	0.5	≤ 30%	70 – 130	70 – 130	± 25
3-Chloroprene	0.5	≤ 30%	70 – 130	70 – 130	± 25

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS* (%R)	Precision Limits (Max. RPD)
Naphthalene**	0.2	≤ 40%	60 – 140	60 – 140	± 25
TPH (Gasoline)***	10	1- Point Calibration	N/A	ICV only: 60 – 140	± 25
NMOC (Hexane/Heptane)***	2.0	1- Point Calibration	N/A	N/A	± 25

*See Table 6.

**Due to its low vapor pressure, Naphthalene does not meet TO-15 performance requirements. The wider QC limits reflect typical performance. Although Naphthalene is not on Eurofins Environment Testing Northern California, LLC "standard" TO-15 list, it is commonly requested and therefore included in Table 3.

***TPH and NMOC are not on Eurofins Environment Testing Northern California, LLC's standard TO-15 list, but are included in Table 3 due to common requests.

Table 3 is the list of Standard compounds, reporting limits and QC acceptance criteria. Each project may be customized as needed. Additional compounds and different reporting limits may be obtainable and/or achieved upon request

Table 4. Internal Standards

Analyte	Accuracy (% R)
Bromochloromethane	60 – 140
1,4-Difluorobenzene	60 – 140
Chlorobenzene-d_5	60 – 140

Table 5. Surrogates

Analyte	Accuracy (% R)
1,2-Dichloroethane-d_4	70 – 130
Toluene-d_8	70 – 130
4-Bromofluorobenzene	70 – 130

Table 6. Summary of Calibration and QC Procedures for Methods TO-14A/TO-15 Low Level

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action
Tuning Criteria	Every 24 hours	TO-15 ion abundance criteria	Correct problem then repeat tune.
Minimum 5-Point Initial Calibration (ICAL)	Prior to sample analysis	% RSD ≤ 30 with 4 compounds allowed out to ≤ 40% RSD	Correct problem then repeat Initial Calibration curve.
Initial Calibration Verification and Laboratory Control Spike (ICV and LCS)	After each Initial Calibration curve, and daily prior to sample analysis	Recoveries for 85% of Standard compounds must be 70–130%. No recovery may be < 50%. ICV is evaluated on a full list basis at the time of calibration. If specified by the project, in-house generated control limits may be used.	Check the system and re-analyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Initial Calibration Verification and Laboratory Control Spike (ICV and LCS) for Non-standard Compounds	Per client request or specific project requirements only	Recoveries of compounds must be 60–140%. No recovery may be <50%.	Check the system and re-analyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Continuing Calibration Verification (CCV) for Standard compounds	At the start of each analytical clock (24-hours) after the tune check	70–130%	Compounds exceeding this criterion and associated data will be flagged and narrated with the exception of high bias associated with non-detects. If more than 4 compounds from the standard list recover outside of 70–130% or >10% of VOCs if short list is used (40 compounds or less), corrective action will be taken. If any compound exceeds 60–140%, samples are not analyzed unless data meets project needs. Check the system and re-analyze the standard. Re-prepare the standard if necessary. Re-calibrate the instrument if the criteria cannot be met.

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action
Continuing Calibration Verification (CCV) for Non-Standard compounds	Per client request or specific project requirements only	Recoveries of compounds must be 60–140%. No recovery may be <50%.	Check the system and re-analyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Laboratory Blank	After analysis of standards and prior to sample analysis, or when contamination is present	Results less than the laboratory reporting limit	Inspect the system and re-analyze the blank. “B”-flag data for common contaminants.
Internal Standard (IS)	As each standard, blank, and sample is being loaded	Retention time (RT) for blanks and samples must be within ±0.33 min of the RT in the CCV and within ± 40% of the area counts of the daily CCV internal standards.	**For blanks:** Inspect the system and reanalyze the blank. **For samples:** Re-analyze the sample unless obvious matrix interference is documented. If the ISs are within limits in the re-analysis, report the second analysis. If ISs are out-of-limits a second time, report data from first analysis and narrate.
Surrogates	As each standard, blank, and sample is being loaded	70–130% R If specified by the project, in-house generated control limits may be used.	**For blanks:** Inspect the system and re-analyze the blank **For samples:** Re-analyze the sample unless obvious matrix interference is documented. If the %Rs are within limits in the re-analysis, report the second analysis. If %Rs are out-of-limits a second time, report data from first analysis and narrate.
Laboratory Duplicates - Laboratory Control Spike Duplicate (LCSD)	One per analytical batch	RPD ≤25%	Narrate exceedances. If more than 5% of compound list is outside criteria or if compound is >40% RPD, investigate the cause and perform maintenance as required. If instrument maintenance is required, calibrate as needed.

ANALYTICAL METHODS

Section 13.0

Method: EPA Method TO-14A/TO-15 Volatile Organic Compounds by SIM			
Laboratory SOP #: 38	Revision #: 28.1	Effective Date: November 29, 2022	Methods Manual Summary

Description: This method involves Selective Ion Monitoring (SIM) gas chromatograph/mass spectrometer (GC/MS) analysis of whole air samples collected in evacuated stainless steel canisters. Samples are analyzed for volatile organic compounds (VOCs) using EPA Method TO-14A/TO-15 protocols. An aliquot of the sample is withdrawn from the canister through a mass flow controller and concentrated onto a hydrophobic drying system that removes water from the sample stream. The sample is then focused onto a cryogenic-cooled column prior to analysis by GC/MS in the SIM mode.

Mass spectrometer detectors can be set to acquire both SIM and full scan data simultaneously. This generates two separate data files in the analytical software. One file contains full scan data and the other contains SIM data for selected compounds. The results for each sample in a report will be from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

Eurofins Environment Testing Northern California, LLC maintains a suite of TO-14A/TO-15 methods, each optimized to efficiently meet the data objectives for a wide range of targeted concentration ranges. The methods, their reporting limits, and typical applications are summarized in the table below. This method summary describes TO-14A/TO-15 SIM.

Eurofins Environment Testing Northern California, LLC Method	**Base Reporting Limits**	**Typical Application**
TO-14A/TO-15 Full Scan (5&20)	5 – 20 ppbv	Soil gas and ppmv range vapor matrices
TO-14A/TO-15 Full Scan (Standard or Quad)	0.5 – 5.0 ppbv	Ambient air, soil gas, and ppbv level vapor matrices
TO-15 Full Scan (Extended)	0.2 – 5.0 ppbv	Ambient air and ppbv level vapor matrices
TO-14A/TO-15 Full Scan (Low-level)	0.1 – 1.0 ppbv	Indoor and outdoor air
TO-14A/TO-15 SIM	0.01 – 0.5 ppbv	Indoor and outdoor air

Certain compounds are not included in Eurofins Environment Testing Northern California, LLC's standard target analyte list. These compounds are communicated at the time of client proposal request. If full validation of the required compound(s) is not available, the laboratory will present Quality Control (QC) options to the client based on the project objectives.

Please note that Methods TO-14A and TO-15 were validated for specially treated canisters. As such, the use of Tedlar bags for sample collection is outside the scope of the method and not

recommended for ambient or indoor air samples. It is the responsibility of the data user to determine the usability of TO-14A and TO-15 results generated from Tedlar bags.

All samples submitted for TO-15 SIM are screened prior to analysis. If samples contain high concentrations of target and/or non-target VOCs, samples may be analyzed by an alternative TO-15 method (i.e. Standard or 5&20) with a higher dynamic calibration range.

Eurofins Environment Testing Northern California, LLC gas established modifications to TO-15 SIM as detailed in Table 1. Additionally, since Eurofins Environment Testing Northern California, LLC applies TO-15 methodology to all Summa™ canisters regardless of whether TO-14A or TO-15 is specified by the project, Eurofins Environment Testing Northern California, LLC has established modifications to method TO-15 and TO-14A as described in Table 1 and Table 2. The default SIM target list, reporting limits (RL), QC criteria and QC summary may be found in tables 3 through 7.

Table 1. Summary of TO-15 SIM Method Modifications

Requirement	TO-15	Laboratory Modifications
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air for trace level measurements.

Table 2. Summary of TO-14A SIM Method Modifications

Requirement	TO-14A	Laboratory Modifications
Sample Drying System	Nafion Dryer	Multibed hydrophobic sorbent
ICAL %RSD acceptance criteria	≤ 30% RSD for listed 39 VOCs	Follow TO-15 requirements of ≤ 30%RSD with 2 of standard compound list allowed out to ≤ 40%RSD
Blank and standards	Zero air	UHP Nitrogen provides a higher purity gas matrix than zero air for trace level measurements.
BFB ion abundance criteria	Ion abundance criteria listed in Table 4 of TO-14A	Follow abundance criteria listed in TO-15.
BFB absolute abundance criteria	Within 10% when comparing to the previous daily BFB	CCV internal standard area counts are compared to ICAL; corrective action when recovery is less than 60%

Table 3. Method TO-14A/TO-15 Standard Analyte List (SIM) and QC Limits

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS (%R)	Precision Limits (Max. RPD)
Dichlorodifluoromethane (Fr12)	0.050	≤ 30%	70 – 130	70 – 130	± 25
Freon 114	0.020	≤ 30%	70 – 130	70 – 130	± 25
Chloromethane	0. 50	≤ 30%	70 – 130	70 – 130	± 25
Vinyl Chloride	0.010	≤ 30%	70 – 130	70 – 130	± 25
Chloroethane	0.050	≤ 30%	70 – 130	70 – 130	± 25
Freon 11	0.02	≤ 30%	70 – 130	70 – 130	± 25
Freon 113	0.02	≤ 30%	70 – 130	70 – 130	± 25
1,1-Dichloroethene	0.010	≤ 30%	70 – 130	70 – 130	± 25
Trans-1,2-Dichloroethene	0.100	≤ 30%	70 – 130	70 – 130	± 25
Methyl tert-Butyl Ether	0.100	≤ 30%	70 – 130	70 – 130	± 25
1,1-Dichloroethane	0.020	≤ 30%	70 – 130	70 – 130	± 25
cis-1,2-Dichloroethene	0.020	≤ 30%	70 – 130	70 – 130	± 25
Chloroform	0.020	≤ 30%	70 – 130	70 – 130	± 25
1,1,1-Trichloroethane	0.020	≤ 30%	70 – 130	70 – 130	± 25
Carbon Tetrachloride	0.020	≤ 40%	60 - 140	60 - 140	± 25
Benzene	0.050	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichloroethane	0.020	≤ 30%	70 – 130	70 – 130	± 25
Trichloroethene	0.020	≤ 30%	70 – 130	70 – 130	± 25
Toluene	0.050	≤ 30%	70 – 130	70 – 130	± 25
1,1,2-Trichloroethane	0.020	≤ 30%	70 – 130	70 – 130	± 25
Tetrachloroethene	0.020	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dibromoethane	0.020	≤ 30%	70 – 130	70 – 130	± 25
Ethyl Benzene	0.020	≤ 30%	70 – 130	70 – 130	± 25
m,p-Xylene	0.040	≤ 30%	70 – 130	70 – 130	± 25
o-Xylene	0.020	≤ 30%	70 – 130	70 – 130	± 25
1,1,2,2-Tetrachloroethane	0.020	≤ 30%	70 – 130	70 – 130	± 25
1,4-Dichlorobenzene	0.020	≤ 30%	70 – 130	70 – 130	± 25
Naphthalene	0.050	≤ 40%	60 – 140	60 – 140	± 25

Table 3 is the list of Standard compounds, reporting limits and QC acceptance criteria. Each project may be customized as needed. Additional compounds and different reporting limits may be obtainable and/or achieved upon request.

Table 4. Method TO-15 Extended Analyte List (SIM) and QC Limits

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS (%R)	Precision Limits (Max. RPD)
1,2-Dichlorobenzene	0.050	≤30%	70 - 130	70 - 130	± 25
1,3-Dichlorobenzene	0.100	≤30%	70 - 130	70 - 130	± 25
Chlorobenzene	0.020	≤30%	70 - 130	70 - 130	± 25
trans-1,3-Dichloropropene	0.020	≤30%	70 - 130	70 - 130	± 25

Table 4 is the list of additional Method TO-15 SIM compounds that may be requested upon request with full QC – 5-point calibration, second source calibration verification, continuing calibration verification, laboratory control spike, and method detection limit study.

Table 5. Internal Standards

Analyte	Accuracy (% R)
Bromochloromethane	60 – 140
1,4-Difluorobenzene	60 – 140
Chlorobenzene-d_5	60 – 140

Table 6. Surrogates

Analyte	Accuracy (% R)
1,2-Dichloroethane-d_4	70 – 130
Toluene-d_8	70 – 130
4-Bromofluorobenzene	70 – 130

Table 7. Summary of Calibration and QC Procedures for Methods TO-14A/TO-15 by SIM

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action
Tuning Criteria	Every 24 hours	TO-15 Ion Abundance criteria	Correct problem then repeat tune.
Multi-point Calibration (Minimum of 5 points)	Prior to sample analysis	≤ 30% for standard compounds with 2 compounds allowed out to ≤ 40% RSD	Correct problem then repeat Initial Calibration Curve.
Initial Calibration Verification and Laboratory Control Spike (ICV and LCS)	After each initial calibration curve, and daily prior to sample analysis	Recoveries for 85% of standard compounds must be 70–130% 60–140% for Carbon Tetrachloride and Naphthalene). No recovery may be < 50%. ICV evaluated on a full list basis at the time of calibration. If specified by the project, in-house generated control limits may be used.	Check the system and re-analyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Initial Calibration Verification and Laboratory Control Spike (ICV and LCS) for Non-Standard Compounds	Per client request or specific project requirements only	Recoveries of compounds must be 60–140%. No recovery may be < 50%.	Check the system and re-analyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Continuing Calibration Verification (CCV)	At the start of each day after the BFB tune check	70–130%D; 60-140% D for Carbon Tetrachloride and Naphthalene.	Compounds exceeding this criterion and associated data will be flagged and narrated with the exception of high bias associated with non-detects. If more than two compounds from the standard list recover outside of 70–130%, corrective action will be taken. If any compound exceeds 60–140%, samples are not analyzed unless data meets project needs. Check the system and re-analyze the standard. Re-prepare the standard if necessary. Re-calibrate the instrument if the criteria cannot be met.

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action
Continuing Calibration Verification (CCV) for Non-Standard Compounds	Per client request or specific project requirements only	Recoveries of compounds must be 60–140%. No recovery may be < 50%.	Check the system and re-analyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Laboratory Blank	After analysis of standards and prior to sample analysis, or when contamination is present.	Results less than the laboratory reporting limit (Tables 3 and 4) or project required reporting limit.	Inspect the system and re-analyze the blank. "B" flag data for common contaminants.
Internal Standard (IS)	As each standard, blank, and sample is being loaded	Retention time (RT) for blanks and samples must be within ±0.33 min of the RT in the CCV and within ±40% of the area counts of the daily CCV internal standards.	**For blanks:** Inspect the system and re-analyze the blank. **For samples:** Re-analyze the sample. If the ISs are within limits in the re-analysis, report the second analysis. If ISs are out-of-limits a second time, dilute the sample until ISs are within acceptance limits and narrate.
Surrogates	As each standard, blank, and sample is being loaded	70–130% If specified by the project, in-house generated control limits may be used.	**For blanks:** Inspect the system and re-analyze the blank. **For samples:** Re-analyze the sample unless obvious matrix interference is documented. If the %Rs are within limits in the re-analysis, report the second analysis. If %Rs are out-of-limits a second time, report data from first analysis and narrate.
Laboratory Duplicates - Laboratory Control Spike Duplicate (LCSD)	One per analytical batch	RPD ≤ 25%	Narrate exceedances. If more than 5% of compound list outside criteria or if compound is > 40%RPD, investigate the cause and perform maintenance as required. If instrument maintenance is required, calibrate as needed.

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Method : _Modified TO-15 Hi/Lo (LL Full List)-Std 25 RLs

Compound	Rpt. Limit (ug/m3)
Freon 12	0.25
Freon 114	0.14
Chloromethane	1.0
Vinyl Chloride	0.026
Chloroethane	0.13
1,1-Dichloroethene	0.040
trans-1,2-Dichloroethene	0.40
Methyl tert-butyl ether	0.36
1,1-Dichloroethane	0.081
cis-1,2-Dichloroethene	0.079
Chloroform	0.098
1,1,1-Trichloroethane	0.11
Carbon Tetrachloride	0.12
Benzene	0.16
1,2-Dichloroethane	0.081
Trichloroethene	0.11
Toluene	0.19
1,1,2-Trichloroethane	0.11
Tetrachloroethene	0.14
1,2-Dibromoethane (EDB)	0.15
Ethyl Benzene	0.087
m,p-Xylene	0.17
o-Xylene	0.087
1,1,2,2-Tetrachloroethane	0.14
1,4-Dichlorobenzene	0.12
1,3-Butadiene	0.22
Bromomethane	19
Freon 11	0.56
Ethanol	3.8
Freon 113	0.77
Acetone	4.8
2-Propanol	4.9
Carbon Disulfide	1.6
3-Chloropropene	1.6
Methylene Chloride	0.69
Hexane	1.8
2-Butanone (Methyl Ethyl Ketone)	1.5
Tetrahydrofuran	1.5
Cyclohexane	1.7
2,2,4-Trimethylpentane	2.3
Heptane	2.0
1,2-Dichloropropane	0.46

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Method : _Modified TO-15 Hi/Lo (LL Full List)-Std 25 RLs

Compound	Rpt. Limit (ug/m3)
1,4-Dioxane	0.36
Bromodichloromethane	0.67
cis-1,3-Dichloropropene	0.45
4-Methyl-2-pentanone	0.41
trans-1,3-Dichloropropene	0.45
2-Hexanone	2.0
Dibromochloromethane	0.85
Chlorobenzene	0.46
Styrene	0.42
Bromoform	1.0
Cumene	0.49
Propylbenzene	0.49
4-Ethyltoluene	0.49
1,3,5-Trimethylbenzene	0.49
1,2,4-Trimethylbenzene	0.49
1,3-Dichlorobenzene	0.60
alpha-Chlorotoluene	0.52
1,2-Dichlorobenzene	0.60
1,2,4-Trichlorobenzene	3.7
Hexachlorobutadiene	5.3

Surrogate	Method Limits
1,2-Dichloroethane-d4	70-130
Toluene-d8	70-130
4-Bromofluorobenzene	70-130

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Appendix C.3
Data Quality Specification for Stack Effluent

ANALYTICAL METHODS

Section 10.0

Method: EPA Method TO-14A/TO-15 Volatile Organic Compounds (Standard/QUAD)			
Laboratory SOP #: 6	Revision #: 47	Effective Date: April 02, 2023	Methods Manual Summary

Description: This method involves full scan gas chromatograph/mass spectrometer (GC/MS) analysis of whole air samples collected in evacuated stainless steel canisters. Samples are analyzed for volatile organic compounds (VOCs) using EPA Method TO-14A/TO-15 protocols. An aliquot of up to 0.5 liters of air is withdrawn from the canister utilizing a volumetric loop or mass flow controller. This volume is loaded onto a hydrophobic multibed sorbent trap to remove water and carbon dioxide and to concentrate the vapor sample. The focused sample is then flash-heated to sweep adsorbed VOCs onto a secondary trap for further concentration and/or directly onto a GC/MS for separation and detection.

Eurofins Environment Testing Northern California, LLC maintains a suite of TO-14A/TO-15 methods, each optimized to efficiently meet the data objectives for a wide range of targeted concentration ranges. The methods, their reporting limits, and typical applications are summarized in the table below. This method summary describes TO-14A/TO-15 full scan (Standard or QUAD).

Eurofins Environment Testing Northern California, LLC Method	**Base Reporting Limits**	**Typical Application**
TO-14A/TO-15 Full Scan (5&20)	5 – 20 ppbv	Soil gas and ppmv range vapor matrices
TO-14A/TO-15 Full Scan (Standard or QUAD)	0.5 – 5.0 ppbv	Ambient air, soil gas, and ppbv level vapor matrices
TO-15 Full Scan (Extended)	0.2 – 5.0 ppbv	Ambient air and ppbv level vapor matrices
TO-14A/TO-15 Full Scan (Low-level)	0.1 – 1.0 ppbv	Indoor and outdoor air
TO-14A/TO-15 SIM	0.01 – 0.5 ppbv	Indoor and outdoor air

Certain compounds are not included in Eurofins Environment Testing Northern California, LLC's standard target analyte list. These compounds are communicated at the time of client proposal request. Unless otherwise directed, Eurofins Environment Testing Northern California, LLC reports these non-routine compounds with partial validation. Validation may include a 3-point calibration with the lowest concentration defining the reporting limit, no second source verification analyzed, and no method detection limit study performed unless previous arrangements have been made. In addition, stability of the non-standard compound during sample storage is not validated. Full validation may be available upon request.

Eurofins Environment Testing Northern California, LLC takes no modifications of technical significance to Method TO-15 for the "QUAD" configurations. Since Eurofins

Environment Testing Northern California, LLC applies TO-15 methodology to all Summa canisters regardless of whether TO-14A or TO-15 is specified by the project, the laboratory has established modifications to method TO-14A as detailed in Table 1. Please note that Methods TO-14A and TO-15 were validated for specially treated canisters. As such, the use of Tedlar bags for sample collection is outside the scope of the method and not recommended for ambient or indoor air samples. It is the responsibility of the data user to determine the usability of TO-14A and TO-15 results generated from Tedlar bags.

Table 1. Summary of TO-14A Method Modifications

Requirement	TO-14A	Laboratory Modifications
Sample Drying System	Nafion Drier	Multibed hydrophobic sorbent.
Blank acceptance criteria	≤ 0.2 ppbv	≤ RL
BFB ion abundance criteria	Ion abundance criteria listed in Table 4 of TO-14A	Follow abundance criteria listed in TO-15.
BFB absolute abundance criteria	Within 10% when comparing to the previous daily BFB	CCV internal standard area counts are compared to ICAL; corrective action when recovery is less than 60%.
Initial Calibration	≤ 30% RSD for listed 39 VOCs	Follow TO-15 requirements of ≤ 30% RSD with 2 of Laboratory's 62 standard compounds allowed out to ≤ 40% RSD

The standard target analyte list, reporting limit (RL) also referred to as Limit of Quantitation, QC criteria, and QC summary can be found in Tables 2 through 6.

Table 2. Method TO-14A/TO-15 Analyte List (QUAD)

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS (%R)	Precision Limits (Max. RPD)
1,1,2,2-Tetrachloroethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,1,2-Trichloroethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,1-Dichloroethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,1-Dichloroethene	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,2,4-Trichlorobenzene	2.0	≤ 30%	70 – 130	70 – 130	± 25
1,2,4-Trimethylbenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dibromoethane (EDB)	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichlorobenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichloroethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,2-Dichloropropane	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,3,5-Trimethylbenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS (%R)	Precision Limits (Max. RPD)
1,3-Dichlorobenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,4-Dichlorobenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Benzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Bromomethane	5.0	≤ 30%	70 – 130	70 – 130	± 25
Carbon Tetrachloride	0.5	≤ 30%	70 – 130	70 – 130	± 25
Chlorobenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Chloroethane	2.0	≤ 30%	70 – 130	70 – 130	± 25
Chloroform	0.5	≤ 30%	70 – 130	70 – 130	± 25
Chloromethane	5.0	≤ 30%	70 – 130	70 – 130	± 25
Chlorotoluene (Benzyl Chloride)	0.5	≤ 30%	70 – 130	70 – 130	± 25
cis-1,2-Dichloroethene	0.5	≤ 30%	70 – 130	70 – 130	± 25
cis-1,3-Dichloropropene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Dichloromethane (Methylene Chloride)	5.0	≤ 30%	70 – 130	70 – 130	± 25
Ethylbenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Freon 11 (Trichlorofluoromethane)	0.5	≤ 30%	70 – 130	70 – 130	± 25
Freon 113 (Trichlorotrifluoroethane)	0.5	≤ 30%	70 – 130	70 – 130	± 25
Freon 114	0.5	≤ 30%	70 – 130	70 – 130	± 25
Freon 12 (Dichlorodifluoromethane)	0.5	≤ 30%	70 – 130	70 – 130	± 25
Hexachlorobutadiene	2.0	≤ 30%	70 – 130	70 – 130	± 25
m,p-Xylene	1.0	≤ 30%	70 – 130	70 – 130	± 25
Methyl Chloroform (1,1,1-Trichloroethane)	0.5	≤ 30%	70 – 130	70 – 130	± 25
o-Xylene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Styrene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Tetrachloroethene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Toluene	1.0	≤ 30%	70 – 130	70 – 130	± 25
trans-1,3-Dichloropropene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Trichloroethene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Vinyl Chloride	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,3-Butadiene	0.5	≤ 30%	70 – 130	70 – 130	± 25
1,4-Dioxane	2.0	≤ 30%	70 – 130	70 – 130	± 25
2-Butanone (Methyl Ethyl Ketone)	2.0	≤ 30%	70 – 130	70 – 130	± 25
2-Hexanone	2.0	≤ 30%	70 – 130	70 – 130	± 25

Analyte	RL/LOQ (ppbv)	QC Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS (%R)	Precision Limits (Max. RPD)
4-Ethyltoluene	0.5	≤ 30%	70 – 130	70 – 130	± 25
4-Methyl-2-Pentanone (MIBK)	0.5	≤ 30%	70 – 130	70 – 130	± 25
Acetone	5.0	≤ 30%	70 – 130	70 – 130	± 25
Bromodichloromethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Bromoform	0.5	≤ 30%	70 – 130	70 – 130	± 25
Carbon Disulfide	2.0	≤ 30%	70 – 130	70 – 130	± 25
Cyclohexane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Dibromochloromethane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Ethanol	5.0	≤ 30%	70 – 130	70 – 130	± 25
Heptane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Hexane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Isopropanol	2.0	≤ 30%	70 – 130	70 – 130	± 25
Methyl t-Butyl Ether (MTBE)	2.0	≤ 30%	70 – 130	70 – 130	± 25
Propylene	2.0	≤40%	60 – 140	60 – 140	± 25
Tetrahydrofuran	0.5	≤ 30%	70 – 130	70 – 130	± 25
trans-1,2-Dichloroethene	0.5	≤ 30%	70 – 130	70 – 130	± 25
2,2,4-Trimethylpentane	0.5	≤ 30%	70 – 130	70 – 130	± 25
Cumene	0.5	≤ 30%	70 – 130	70 – 130	± 25
Propylbenzene	0.5	≤ 30%	70 – 130	70 – 130	± 25
3-Chloroprene	2.0	≤ 30%	70 – 130	70 – 130	± 25
Naphthalene*	1.0	≤40%	60 – 140	60 – 140	± 25
TPH (Gasoline) **	50	1-Point Calibration	N/A	ICV only; 60 – 140	± 25
NMOC (Hexane/Heptane)**	10	1-Point Calibration	N/A	NA	± 25

*Due to its low vapor pressure, Naphthalene may exceed TO-15 performance requirements. The wider QC limits reflect typical performance. Although Naphthalene is not on Eurofins Environment Testing Northern California, LLC's "standard" TO-15 list, it is commonly requested and included in Table 2.

**TPH and NMOC are not on Eurofins Environment Testing Northern California, LLC's "standard" TO-15 list, but are included in Table 2 due to common requests.

Table 2 is the list of Standard compounds, reporting limits and QC acceptance criteria. Each project may be customized as needed. Additional compounds and different reporting limits may be obtainable and/or achieved upon request.

Table 3. Method TO-15 Additional Analyte List (QUAD)

Analyte	RL/LOQ (ppbv)	QA Acceptance Criteria			
		ICAL (%RSD)	CCV (%R)	ICV/LCS (%R)	Precision Limits (Max. RPD)
1,2,3-Trichloropropane	0.5	≤30%	70 – 130	70 – 130	± 25
1,2,3-Trichlorobenzene	2.0	≤30%	70 – 130	70 – 130	± 25
2-Chlorotoluene	0.4	≤30%	70 – 130	70 – 130	± 25
4-Isopropyltoluene (p-Cymene)	0.8	≤30%	70 – 130	70 – 130	± 25
Butane	2.0	≤30%	70 – 130	70 – 130	± 25
Butyl Benzene	2.0	≤30%	70 – 130	70 – 130	± 25
Dibromomethane	0.5	≤30%	70 – 130	70 – 130	± 25
Ethyl Acetate	2.0	≤30%	70 – 130	70 – 130	± 25
Ethyl Ether	2.0	≤30%	70 – 130	70 – 130	± 25
Freon 22 (Chlorodifluoromethane)	2.0	≤30%	70 – 130	70 – 130	± 25
Methyl Methacrylate	2.0	≤30%	70 – 130	70 – 130	± 25
n-Butanol (1-Butanol)	2.0	≤30%	70 – 130	70 – 130	± 25
Nonane	2.0	≤30%	70 – 130	70 – 130	± 25
n-Pentane	2.0	≤30%	70 – 130	70 – 130	± 25
Octane	2.0	≤30%	70 – 130	70 – 130	± 25
sec-Butylbenzene	2.0	≤30%	70 – 130	70 – 130	± 25
tert-Butyl Alcohol	2.0	≤30%	70 – 130	70 – 130	± 25
tert-Butyl Benzene	2.0	≤30%	70 – 130	70 – 130	± 25
Vinyl Acetate	2.0	≤30%	70 – 130	70 – 130	± 25
Vinyl Bromide	2.0	≤30%	70 – 130	70 – 130	± 25

Table 3 is the list of additional Method TO-15 compounds that may be requested upon request with full QC – 5-point calibration, second source calibration verification, continuing calibration verification, laboratory control spike, and method detection limit study.

Table 4. Internal Standards

Analyte	Accuracy (% R)
Bromochloromethane	60 – 140
1,4-Difluorobenzene	60 – 140
Chlorobenzene-d_5	60 – 140

Table 5. Surrogates

Analyte	Accuracy (% R)
1,2-Dichloroethane-d_4	70 – 130
Toluene-d_8	70 – 130
4-Bromofluorobenzene	70 – 130

Table 6. Summary of Calibration and QC Procedures for Methods TO-14A/TO-15

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action
Tuning Criteria	Every 24 hours	TO-15 ion abundance criteria	Correct problem then repeat tune.
Minimum 5-Point Initial Calibration (ICAL)	Prior to sample analysis	% RSD ≤ 30 with 2 compounds allowed out to ≤ 40% RSD	Correct problem then repeat Initial Calibration curve.
Initial Calibration Verification and Laboratory Control Spike (ICV and LCS)	After each Initial Calibration curve, and daily prior to sample analysis	Recoveries for 85% of "Standard" compounds must be 70–130%. No recovery may be < 50%. ICV evaluated on a full list basis at the time of calibration. If specified by the project, in-house generated control limits may be used.	Check the system and reanalyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Initial Calibration Verification and Laboratory Control Spike (ICV and LCS) for Non-standard compounds	Per client request or specific project requirements only	Recoveries of compounds must be 60–140%. No recovery may be <50%.	Check the system and reanalyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Continuing Calibration Verification (CCV) for Standard compounds	At the start of each analytical clock after the tune check	70–130%	Compounds exceeding this criterion and associated data will be flagged and narrated with the exception of high bias associated with non-detects. If more than two compounds from the standard list recover outside of 70–130% or > 10% of VOCs if short list is used (20 compounds or less), corrective action will be taken. If any compound exceeds 60–140%, samples are not analyzed unless data meets project needs. Check the system and reanalyze the standard. Re-prepare the standard if necessary. Re-calibrate the instrument if the criteria cannot be met.

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action
Continuing Calibration Verification (CCV) for Non-standard Compounds	Per client request or specific project requirements only.	Recoveries of compounds must be 60–140%. No recovery may be <50%.	Check the system and reanalyze the standard. Re-prepare the standard if necessary to determine the source of error. Re-calibrate the instrument if the primary standard is found to be in error.
Laboratory Blank	After analysis of standards and prior to sample analysis, or when contamination is present.	Results less than the laboratory reporting limit	Inspect the system and re-analyze the blank. "B"-flag data for common contaminants.
Internal Standard (IS)	As each standard, blank, and sample is being loaded	Retention time (RT) for blanks and samples must be within ±0.33 min of the RT in the CCV and within ±40% of the area counts of the daily CCV internal standards.	**For blanks:** Inspect the system and reanalyze the blank. **For samples:** Re-analyze the sample. If the ISs are within limits in the re-analysis, report the second analysis. If ISs are out-of-limits a second time, dilute the sample until ISs are within acceptance limits and narrate.
Surrogates	As each standard, blank, and sample is being loaded	70–130% If specified by the project, in-house generated control limits may be used.	**For blanks:** Inspect the system and reanalyze the blank. **For samples:** Re-analyze the sample unless obvious matrix interference is documented. If the %Rs are within limits in the re-analysis, report the second analysis. If %Rs are out-of-limits a second time, report data from first analysis and narrate.
Laboratory Duplicates – Laboratory Control Spike Duplicates (LCSD)	One per analytical batch	RPD ≤25%	Narrate exceedances. If more than 5% of compound list is outside criteria or if compound has >40%RPD, investigate the cause and perform maintenance as required. If instrument maintenance is required, calibrate as needed.

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Method : TO-15

Compound	Rpt. Limit (ug/m3)
Freon 12	2.5
Freon 114	3.5
Chloromethane	10
Vinyl Chloride	1.3
1,3-Butadiene	1.1
Bromomethane	19
Chloroethane	5.3
Freon 11	2.8
Ethanol	9.4
Freon 113	3.8
1,1-Dichloroethene	2.0
Acetone	12
2-Propanol	4.9
Carbon Disulfide	6.2
3-Chloropropene	6.3
Methylene Chloride	17
Methyl tert-butyl ether	7.2
trans-1,2-Dichloroethene	2.0
Hexane	1.8
1,1-Dichloroethane	2.0
2-Butanone (Methyl Ethyl Ketone)	5.9
cis-1,2-Dichloroethene	2.0
Tetrahydrofuran	1.5
Chloroform	2.4
1,1,1-Trichloroethane	2.7
Cyclohexane	1.7
Carbon Tetrachloride	3.1
2,2,4-Trimethylpentane	2.3
Benzene	1.6
1,2-Dichloroethane	2.0
Heptane	2.0
Trichloroethene	2.7
1,2-Dichloropropane	2.3
1,4-Dioxane	7.2
Bromodichloromethane	3.4
cis-1,3-Dichloropropene	2.3
4-Methyl-2-pentanone	2.0
Toluene	3.8
trans-1,3-Dichloropropene	2.3
1,1,2-Trichloroethane	2.7
Tetrachloroethene	3.4
2-Hexanone	8.2

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Method : TO-15

Compound	Rpt. Limit (ug/m3)
Dibromochloromethane	4.2
1,2-Dibromoethane (EDB)	3.8
Chlorobenzene	2.3
Ethyl Benzene	2.2
m,p-Xylene	4.3
o-Xylene	2.2
Styrene	2.1
Bromoform	5.2
Cumene	2.4
1,1,2,2-Tetrachloroethane	3.4
Propylbenzene	2.4
4-Ethyltoluene	2.4
1,3,5-Trimethylbenzene	2.4
1,2,4-Trimethylbenzene	2.4
1,3-Dichlorobenzene	3.0
1,4-Dichlorobenzene	3.0
alpha-Chlorotoluene	2.6
1,2-Dichlorobenzene	3.0
1,2,4-Trichlorobenzene	15
Hexachlorobutadiene	21

Surrogate	Method Limits
Toluene-d8	70-130
1,2-Dichloroethane-d4	70-130
4-Bromofluorobenzene	70-130

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Appendix C.4
Air Toxics Limited Canister & Bag Sampling Guide

Canisters
and
Tedlar Bags

Air Toxics LTD.

Laboratory Services Since 1989

Guide to Air Sampling & Analysis

Always Air, Always Accurate

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Section 1.0 Introduction

Air Toxics Ltd. presents this guide as a resource for individuals engaged in air sampling. Air sampling can be more involved than water or soil sampling due to the reactivity of chemical compounds in the gas matrix and sample interaction with the equipment and media used. Ensuring that air samples are collected properly is an important step in acquiring meaningful analytical results. This guide is not a substitute for experience and cannot sufficiently address the multitude of field conditions. Note that this guide is intended for projects involving whole air sampling of volatile organic compounds (VOCs) in canisters and Tedlar® bags. Air Toxics Ltd. provides the "Guide to Sorbent-Based Sampling - Volatiles and Semi-Volatiles" for other types of sampling.

1.1 Whole Air Sampling of VOCs

This guide focuses on collecting a sample in the most common air sampling containers, Summa canisters and Tedlar® bags. The sample may be collected in the container either passively (i.e., by evacuating the canister prior to sampling) or actively (i.e., using a pump). The sample is referred to as a "whole air sample" and the compounds remain in the gas matrix (e.g., ambient air) inside the container.

1.2 Choosing Between Canisters and Tedlar® Bags

Table 1.2 compares the features of canisters and Tedlar® bags. Canisters have superior inertness, hold time to analysis and ruggedness. They also do not require a sampling pump. Tedlar® bags can be purchased inexpensively in bulk, carried to a sampling site in a briefcase, filled in seconds and shipped easily to the laboratory for analysis. Call Client Services at 800-985-5955 if you have questions regarding the appropriate sampling media.

Table 1.2 Comparison of Canisters to Tedlar® Bags

	Canisters	Tedlar® Bags
Common Volumes	1 and 6 L	1, 3, and 5 L
Type of Sampling	Passive (vacuum)	Active (pump required)
Sample Handling	Room temperature	Room temperature
Media Hold Time	Up to 30 days recommended	Indefinite
Hold Time to Analysis	Up to 30 days	Up to 3 days
Surface Inertness	Excellent	Fair
Cleanliness	10% or 100% certified to ppbv/pptv levels	Some VOCs present at 0.5 to 45 ppbv
Sampling Application	Ambient/indoor air, soil/landfill gas, stationary source	Ambient air (fixed gases only), soil/landfill gas, stationary source
Rule of Thumb	"ppbv device"	"ppmv device"
Advantages	Inertness, hold time, ruggedness, no pump	Purchase/shipping cost, availability, convenience

Section 2. Canisters and Associated Media

This section provides a description of air sampling canisters, practical considerations for sampling, and step-by-step sampling instructions. Tables provide detailed information on many operational factors that ultimately influence the quality of the data obtained from a canister sample.

2.1 Introduction to Canisters

The canister is prepared for sampling by evacuating the contents to a vacuum of approximately 29.9 inches of Mercury (in. Hg). Opening the stainless steel bellows valve allows the air sample to enter the canister. When the target volume of sample is collected, the valve is closed and the canister is returned to the laboratory. Canisters range in volume from less than 1 liter (L) to greater than 6 L. At Air Toxics Ltd., 6 L canisters are used for ambient air samples and for taking integrated samples. One liter canisters are generally used for taking high concentration (i.e., greater than 5 ppbv) grab samples, although exceptions to these guidelines are common.

2.1.1 Summa Canister

A Summa canister is a stainless steel container that has had the internal surfaces specially passivated using a "Summa" process. This process combines an electropolishing step with a chemical deactivation step to produce a surface that is nearly chemically inert. A Summa surface has the appearance of a mirror: bright, shiny and smooth. The degree of chemical inertness of a whole air sample container is crucial to minimizing reactions with the sample and maximizing recovery of target compounds from the container.

2.1.2 Canister Cleaning

Air Toxics Ltd. provides two types of canister cleaning certification, 10% and 100%, depending upon the requirements of the project. The 10% certification process is appropriate for routine ambient air applications and high concentration applications such as soil vapor and landfill gas monitoring. The 10% certification process begins by cleaning canisters using a combination of dilution, heat and high vacuum. Canisters are certified for approximately 60 VOCs using GC/MS. As part of our quality control plan we perform a 10% process certification which requires that target compound concentrations

be below 0.2 ppbv using GC/MS analysis. Alternatively, the 100% certification (i.e., individual certification) process is appropriate for ambient and indoor air applications driven by risk assessment or litigation requiring pptv (parts per trillion by volume) sensitivity. Similar to the 10% certification, the 100% certification also begins with the canister cleaning process. The difference with the 100% certification is that canisters are individually certified for a client-specific list of target compounds using GC/MS. When the 100% certified canisters are shipped the analytical documentation demonstrating that they are free of the target compounds down to the project reporting limits is emailed to the client. When sampling with certified media it is important to note that all media is certified as a train and must be sampled as such (i.e., a particular flow controller goes with a particular canister and is labeled as such).

Specify whether your project requires 10% or 100% canister cleaning certification

2.1.3 Canister Hold Time

Media Hold Time : Canister sampling differs considerably from collecting a water sample in a VOA vial or a soil sample in an amber jar in that the container (valued at over $500) is cleaned and reused. Air Toxics Ltd. requires that our canisters be returned within 14 days of receipt to effectively manage our inventory. Once a canister is cleaned, certified and evacuated we recommend the canister be used for sample collection within 30 days. Over time, low-level (pptv) concentrations of typical VOCs may off-gas from the canister surface resulting in potential artifacts in the sample results.

Sample Hold Time: Although 30 days is the most commonly cited hold time for a canister sample, the hold time is compound-specific. For example, compounds such as chloroform, benzene, and vinyl chloride are stable in a canister for at least 30 days. In fact, EPA Method TO-15 states, "Fortunately, under conditions of normal usage for sampling ambient air, most VOCs may be recovered from canisters near their original concentrations for after storage times of up to thirty days". However, some VOCs such as bis(chloromethyl)ether degrade quickly and demonstrate low recovery even after 7 days. The standard VOC list reported by Air Toxics is stable up to 30 days after sample collection. Some projects require a more rigorous 14-day hold time.

2.2 Associated Canister Hardware

Associated hardware used with the canister includes the valve, brass cap, particulate filter and vacuum gauge.

2.2.1 Valve

An industry standard, 1/4 in. stainless steel bellows valve (manufactured by Swagelok or Parker Instruments) is mounted at the top of the canister. The valve allows a vacuum to be maintained in the canister prior to sampling and seals off the canister once the sample has been collected. No more than a half turn by hand is required to open the valve. Do not over-tighten the valve after sampling or it may become damaged. A damaged valve can leak, possibly compromising the sample. Some canisters have a metal cage near the top to protect the valve.

2.2.2 Brass Cap

Each canister comes with a brass cap (i.e., Swagelok 1/4 in. plug) secured to the inlet of the valve assembly. The cap serves two purposes: first, it ensures that there is no loss of vacuum due to a leaky valve or a valve that is accidentally opened during handling; second, it prevents dust and other particulate matter from fouling the valve. The cap is removed prior to sampling and replaced following sample collection.

Always replace the brass cap following canister sampling.

7 Micron

2 Micron

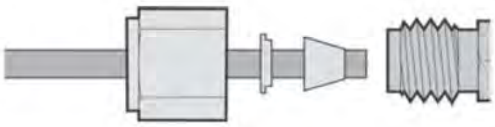
2.2.3 Particulate Filter

Particulate filters should always be used when sampling with a canister. Separate filters are provided to clients taking a grab sample and filters are built into the flow controllers for clients taking integrated samples. Air Toxics Ltd. provides either a 2 micron filter or a 7 micron filter. These devices filter particulate matter greater than 2 and 7 microns in diameter respectively. The shorter 2 micron filter is a fritted stainless steel disk that has been pressed into a conventional Swagelok adapter and is disposed of after each use. This device has a relatively high pressure drop across the fritted disk and restricts the flow into the canister. The 2 micron filter is standard for clients taking integrated samples. The longer 7 micron filter is cleaned in a similar manner as the stainless steel canisters after each single use, and does not significantly restrict the flow rate into the canister. The 7 micron filter is primarily used with grab samples. **Both the 2 and 7 micron filters are not calibrated devices and therefore the flow rates can and do vary for each filter.**

Always use the particulate filter for canister sampling.

2.2.4 Fittings

All fittings on the sampling hardware are 1/4 in. Swagelok; a 9/16 in. wrench is used to assemble the hardware. Compression fittings should be used for all connections; never use tube in tube connections. It is critical to avoid leaks in the sampling train. Leaks of ambient air through fittings between pieces of the sampling train (e.g., tubing to particulate filter) will dilute the sample and cause the canister to fill at a faster rate than desired. Air Toxics can provide the necessary fittings and ferrules if requested.



2.2.5 Vacuum Gauge

A vacuum gauge is used to measure the initial vacuum of the canister before sampling, and the final vacuum upon completion. A gauge can also be used to monitor the fill rate of the canister when collecting an integrated sample. Air Toxics Ltd. provides 2 types of gauges. For grab sampling, a test gauge checks initial and final vacuums only and is not to be sampled through. For integrated sampling a gauge is built into the flow controller and may be used for monitoring initial and final vacuums, as well as monitoring the fill rate of the canister. Both gauges are not calibrated and are considered to be equally rough gauges, which also means they can provide you with differing numbers for the same canister. In special cases a pressure/vacuum gauge can be provided upon request. Air Toxics Ltd.'s gauges are provided only to obtain a relative measure of "change." Individuals with work plans that outline specific gauge reading requirements are strongly encouraged to purchase and maintain their own gauges.

The gauges that Air Toxics Ltd. provides are for rough estimates only. If the project plan requires a certain level of gauge accuracy the use of a calibrated gauge is highly recommended.

Table 2.2.3 Approximate Fill Times for Canisters

CANISTER VOLUME	7 micron filter	2 micron filter
6 L	16 sec	3 min
1 L	3 sec	30 sec

Section 3.0 Sampling with Canisters

There are two basic modes of canister sampling: grab and integrated. A grab sample is taken over a short interval (i.e., 1-5 minutes) while an integrated sample is taken over an extended period (e.g., 0.5-24 hours). In both modes the canister vacuum is used to draw the sample into the canister.

3.1 Considerations for Grab Sampling With Canisters

The following are some considerations for collecting a grab sample in a canister.

• **Verify Initial Vacuum of the Canister:** Prior to shipment, each canister is checked for mechanical integrity. However, it is still important to check the vacuum of the canister prior to use. Air Toxics recommends doing this before going to the field if possible. The initial vacuum of the canister should be greater than 25 in. Hg. If the canister vacuum is less than 25 in. Hg, do not use it. Call Client Services at 800-985-5955 and arrange for a replacement canister. If sampling at altitude there are special considerations for gauge readings and sampling (see Section 5.2). The procedure to verify the initial vacuum of a canister is simple but unforgiving:

1. Confirm the valve is closed (knob should already be tightened clockwise)
2. Remove the brass cap
3. Attach gauge
4. Attach brass cap to side of gauge tee fitting, if one is not already there, to ensure a closed train
5. Open and close valve quickly (a few seconds)
6. Read vacuum on the gauge
7. Record gauge reading on "Initial Vacuum" column of chain-of-custody
8. Verify the canister valve is closed and remove gauge
9. Replace the brass cap

3.1.1 Step-By-Step Procedures for Canister Grab Sampling

These procedures are for a typical ambient air sampling application; actual field conditions and procedures may vary.

Before you get to the field:

1. Verify contents of the shipped package (e.g., chain-of-custody, canister, particulate filter, and gauge – if requested)
2. Verify the gauge is working properly
3. Verify the initial vacuum of canister

When ready to sample:

1. Confirm the valve is closed (knob should already be tightened clockwise)
2. Remove brass cap
3. Attach particulate filter to canister
4. Open valve 1/2 turn (6 L canister normally takes about 16 sec to fill)
5. Close valve by hand tightening knob clockwise
6. Verify and record final vacuum of canister (repeat steps used to verify initial vacuum)
7. Replace brass cap
8. Fill out canister sample tag (make sure the sample ID and date of collection recorded on the sample tag matches what is recorded on the COC exactly)
9. Return canister in box provided (unreturned canister charge of $500 each)
10. Return sample media in packaging provided (unreturned equipment charges: $45 per particulate filter; $45 per gauge)
11. Fill out chain-of-custody and relinquish samples properly (it is important to note the canister serial numbers on the chain-of-custody)
12. Place chain-of-custody in box and retain pink copy
13. Tape box shut and affix custody seal at each opening (if applicable)
14. Ship accordingly to meet method holding times

• **Leave Residual Vacuum:** A grab sample can be collected either by allowing the canister to reach ambient conditions or by leaving some residual vacuum (e.g., 5 in. Hg) in the canister. In either case, the final vacuum should be noted in the "Final Vacuum" column on the chain-of-custody. This will enable the laboratory to compare the final vacuum with the receipt vacuum (i.e., the vacuum measured upon arrival at the laboratory).

3.2 Integrated Sampling with Canisters and Flow Controllers

An air sample collected over more than a few minutes is referred to as an integrated sample and can provide information on compound concentrations in air averaged or composited over time. An 8- or 10-hour integrated sample can be used to determine indoor air quality in the workplace. Similarly, a 24-hour integrated sample may be an economical and practical approach to determine residential exposure to indoor or outdoor air sources. The most common hardware configurations used to take an integrated sample are illustrated above.

Flow controllers are devices that regulate the flow of air during sampling into an evacuated canister. Also known as flow restrictors, these devices enable a sampler to achieve a desired flow rate and thus, a sampling interval. Air Toxics Ltd. provides two general types of flow controllers: mass flow controllers and critical orifice devices. Both devices are driven by differential pressure between ambient conditions and the vacuum in the canister.

3.2.1 Mass Flow Controller

A mass flow controller employs a diaphragm that actively compensates to maintain a constant mass flow rate. As the differential pressure decreases, the flow rate tends to decrease and the diaphragm responds by opening up to allow more air to pass through. Mass flow controllers can provide integrated samples with intervals ranging from hours to days. Air Toxics Ltd. provides a fixed mass flow controller that is calibrated at the laboratory for 24-hour sampling. Adjustable mass flow controllers have a knob that can be adjusted in the field to provide integrated samples with intervals ranging from 1 to 24 hours. The rugged conditions of field sampling are not usually compatible with adjustable mass flow controllers and Air Toxics Ltd. has designed a more reliable flow controller based on a critical orifice design.

3.2.2 Critical Orifice Device

Air Toxics Ltd. designed a critical orifice flow controller to provide time-weighted samples with intervals from 0.5 to 12 hours into a 6 L canister and 4 min. to 2 hrs. in a 1 L canister. The device restricts air flow by forcing the sample to enter a capillary column of minute radius. This device is passive compared to an actively compensating diaphragm and the flow rate decreases as the driving force (differential pressure) decreases. For sampling intervals from 0.5 to 12 hours, however, the flow rate is time weighted. The main advantages of the Air Toxics Ltd. flow controllers are improved ruggedness and cleanliness. With no moving or adjustable parts, the Air Toxics Ltd. design is unlikely to lose its flow setting. In addition, a vacuum gauge is built into the device to monitor sampling progress.

3.2.3 Sampling Interval and Flow Controller Setting

When you request canisters and flow controllers from Air Toxics Ltd., you will be asked for the sampling interval, and the flow controllers will be pre-set prior to shipment according to the table below. The flow controller is set to collect a 5 L sample over the sampling interval. Final canister vacuum is targeted at 5 in. Hg. The flow rate is set at standard atmospheric conditions (approximately sea level). If the air sample is from a process (pressurized or under vacuum) or is collected at elevation, the canister will fill faster or slower depending on sample conditions. If you specify the source at project set-up, we can set the flow controller accordingly. See Section 5.2 for a discussion of collecting a sample at elevation. The 24-hr flow controllers should not be used for process or source samples.

Table 3.2.3 Flow Rates for Selected Sampling Intervals (mL/min)

Sampling Interval (hrs)	4 min.	0.5	1	2	4	8	12	24
6 L Canister	na	167	83.3	41.7	20.8	11.5	7.6	3.8
1 L Canister	166.7	26.6	13.3	6.7	-	-	-	-

Note: Target fill volumes for 6 L and 1 L canisters are 5,000 mL and 800 mL, respectively.

$$\text{Flow Rate(mL/min)} = \frac{\text{Target Fill Volume (mL)}}{\text{Sampling Interval (min)}}$$

3.2.4 Final Canister Vacuum and Flow Controller Performance

Ideally, the final vacuum of a 6 L canister should be between 5-10 in. Hg or greater. As long as the differential pressure is greater than 4 in. Hg ambient pressure, then the flow through the device will remain approximately constant as the canister fills. If there is insufficient differential pressure, the flow through the controller will decrease as the canister pressure approaches ambient. Because of the normal fluctuations in the flow rate (due to changes in ambient temperature, pressure and diaphragm instabilities) during sampling, the final vacuum will range between 2 and 10 in. Hg.

- **If the residual canister vacuum is greater than 5 in. Hg** (i.e., more vacuum), less than 5 L of sample was collected. When the canister is pressurized to 5 psig prior to analysis, sample dilution will be greater than normal. This will result in elevated reporting limits.
- **If the residual canister vacuum is less than 5 in. Hg** (i.e., less vacuum), the initial flow rate was high or there was a leak in the connection. Once the vacuum decreases below 5 in.Hg, the flow rate begins to drop significantly. This scenario indicates that the sample is skewed in favor of the first portion of the sampling interval.
- **If the final vacuum is near ambient** (i.e., less than 1 in. Hg), there is inadequate differential pressure to drive the flow controller. The sampler cannot be certain the desired sampling interval was achieved before the canister arrived at ambient conditions. Although the actual sampling interval is uncertain, the canister still contains a sample from the site.

Table 3.2.4 Relationship Between Final Canister Vacuum, VolumeSampled, and Dilution Factor (6 L Canister)

Final Vacuum (in. Hg)	0	2.5	5	7.5	10	12.5	15	17.5	20
Volume Sampled (L)	6	5.5	5.4	5	4	3.5	3	2.5	2
Dilution Factor*	1.34	1.46	1.61	1.79	2.01	2.30	2.68	3.22	4.02

* Canister pressurized to 5 psig for analysis

$$\text{Final Reporting Limit} = \text{Method Reporting Limit} \times \text{Dilution Factor}_{\text{(Canister Pressurization)}} \times \text{Dilution Factor}_{\text{(Sample Concentration)}}$$

$$\text{Dilution Factor}_{\text{(Canister Pressurization)}} = \frac{\text{Pressurization for Analysis}}{\text{Receipt Vacuum}} = \frac{14.7 \text{ psig} + \text{Press. for Analysis (psig)}}{14.7 \text{ psig} \left[1 - \frac{\text{Rec. Vac (in Hg)}}{29.9 \text{ in. Hg}}\right]}$$

3.2.5 Considerations for Integrated Sampling with Canisters

Collecting an integrated air sample is more involved than collecting a grab sample. Sampling considerations include verifying that the sampling train is properly configured, monitoring the integrated sampling progress, and avoiding contamination.

- **Avoid Leaks in the Sampling Train:** See Section 3.1 for instructions on how to securely assemble sampling hardware. A leak in any one of these connections means that some air will be pulled in through the leak and not through the flow controller. A final pressure reading near ambient is one indication that there may have been a leak.
- **Verify Initial Vacuum of Canister:** See Section 3.1 for instructions on verifying initial canister vacuum. If you are using an Air Toxics Ltd. critical orifice flow controller, note that you can use the built-in gauge.
- **Monitor Integrated Sampling Progress:** It's a good idea to monitor the progress of the integrated sampling during the sampling interval. The volume of air sampled is a linear function of the canister vacuum. For example, halfway (4 hours) into an 8-hour sampling interval, the canister should be half filled (2.5 L) and the gauge should read approximately 17 in. Hg. More vacuum than 17 in. Hg indicates that the canister is filling too slowly; less than 17 in. Hg and the canister is filling too quickly. If the canister is filling too slowly, a valid sample can still be collected (see Section 3.2.4). If the canister is filling too quickly because of a leak or incorrect flow controller setting, corrective action can be taken. Ensuring all connections are tight may eliminate a leak. It is possible to take an intermittent sample.
- **Avoid Contamination:** Flow controllers should be cleaned between uses. This is done by returning them to the laboratory.
- **Caution Against Sampling in Extreme Temperatures:** There can be some flow rate drift if the temperature of the controllers is allowed to vary significantly.

3.2.6 Step-by-Step Procedures for Integrated Sampling

These procedures are for a typical ambient air sampling application; actual field conditions and procedures may vary.

Before you get to the field:

1. Verify contents of the shipped package (e.g., chain-of-custody, canister, particulate filter and flow controller)
2. Verify the gauge is working properly
3. Verify the initial vacuum of the canister

When ready to sample:

1. Confirm the valve is closed (knob should already be tightened clockwise)
2. Remove brass cap from canister
3. Attach flow controller to canister
4. Place the brass cap at the end of the flow controller creating an air tight train, and quickly open and close the canister valve in order to check for leaks. If the needle on the gauge drops, your train is not airtight. In this case, try refitting your connections and/or tightening them until the needle holds steady
5. Once the sample train is airtight remove the brass cap from the flow controller and open the canister valve, 1/2 turn
6. Monitor integrated sampling progress periodically
7. Verify and record final vacuum of canister (simply read built-in gauge)
8. Close valve by hand tightening knob clockwise
9. Replace brass cap
10. Fill out canister sample tag (make sure the sample ID and date of collection recorded on the sample tag matches what is recorded on the COC exactly)
11. Return canisters in boxes provided (unreturned canister replacement charge of $500 each)
12. Return sample media in packaging provided (unreturned equipment charges: $45 per particulate filter; $50-500 per flow controller)
13. Fill out chain-of-custody and relinquish samples properly (it is important to note the canister serial numbers on the chain-of-custody)
14. Place chain-of-custody in box and retain pink copy
15. Tape box shut and affix custody seal at each opening (if applicable)
16. Ship accordingly to meet method holding times

Important Information for Canister Sampling

- @ DO NOT use canister to collect explosive substances, radiological or biological agents, corrosives, extremely toxic substances or other hazardous materials. It is illegal to ship such substances and you will be liable for damages.
- @ ALWAYS use a filter when sampling. NEVER allow liquids (including water) or corrosive vapors to enter canister.
- @ DO NOT attach labels to the surface of the canister or write on the canister; you will be liable for cleaning charges.
- @ DO NOT over tighten the valve and remember to replace the brass cap.
- @ IF the canister is returned in unsatisfactory condition, you will be liable for damages.

For assistance call Client Services at 800-985-5955.

Section 4. Sampling with Tedlar® Bags

This section provides a description of Tedlar® bags, practical considerations for sampling, and step-by-step instructions for collecting a grab sample. A photograph illustrates the correct way to assemble the various sampling components.

4.1 Introduction to Tedlar® Bags

The Tedlar® bag is best suited for projects involving analysis of compounds in the ppmv range. However, Tedlar® bags may be used for other applications such as ambient air monitoring for atmospheric/ fixed gases. They can be used to collect sulfur compounds, but only if the fittings are non-metallic (e.g., polypropylene, Teflon®, or Nylon).
A Tedlar® bag is made of two plies of Tedlar® film sealed together at the edges, and features a valve that allows for filling. Sample collection requires a pressurized sampling port, a low flow rate pump or a lung sampler. The bag expands as the sample enters. Air Toxics Ltd. maintains Tedlar® bags in 1, 3 and 5 L volumes.

4.1.1 Tedlar® Film

Tedlar® is a trade name for a polyvinyl fluoride film developed by DuPont Corporation in the 1960's. This patented fluoropolymer has been used in a wide variety of applications including protective surfacing for signs, exterior wall panels and aircraft interiors. Tedlar® film is tough yet flexible and retains its impressive mechanical properties over a wide range of temperatures (from well below freezing to over 200°F). Tedlar® exhibits low permeability to gases, good chemical inertness, good weathering resistance and low off-gassing.

4.1.2 How "Active" is the Surface of a Tedlar® Bag?

The surface of a Tedlar® bag is a work in progress. The surface of a new bag is essentially free of VOCs at the single digit ppbv level. Compounds detected from analyzing new Tedlar® bags include methylene chloride, toluene, acetone, ethanol and 2-propanol. Note that 2-propanol has been detected in some new bags up to 45 ppbv. Once the Tedlar® bag is used, however, the surface has been exposed to moisture and possible

VOCs. It may irreversibly adsorb many VOCs at the low ppbv level. A series of purges with certified gas may not remove the VOCs from the surface. $10 for a new bag is a small price to pay for peace of mind.

Never reuse a Tedlar® bag when sampling for ppbv level compounds.

4.1.3 Hold Time for a Tedlar® Bag

The media hold time for a Tedlar® bag is indefinite if stored out of sunlight in a cool, dry location. Tedlar® bags may be used to collect samples containing common solvents, hydrocarbons, chlorinated solvents, sulfur compounds and many other classes of compounds. The sample hold time to analysis varies for different classes of compounds:

- **24 hours**: Sulfur compounds (e.g., hydrogen sulfide and methyl mercaptan) and chemically active compounds (e.g., 1,3-butadiene)
- **72 hours**: Chlorinated solvents, aromatic compounds and atmospheric/fixed gases (oxygen, nitrogen, carbon dioxide)

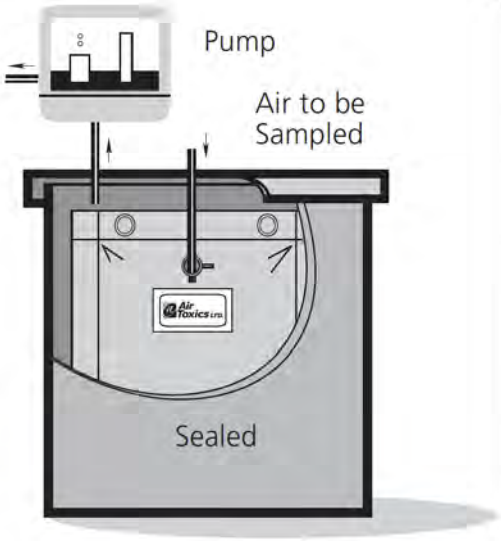
4.2 Tedlar® Bag Sampling

Using a Tedlar® bag to collect an air sample normally involves "active" sampling, unlike an evacuated canister that can be filled "passively" by simply opening the valve. There are two methods commonly used to fill a Tedlar® bag: a pump or a lung sampler.

- **Sampling with a Pump**: The most common method for filling a Tedlar® bag is to use a small pump with low flow rates (50-200 mL/min) and tubing to fill the bag.
  Air Toxics Ltd. does not provide pumps.

- **Sampling with a Lung Sampler**: A "lung sampler" may be used to fill a Tedlar® bag. Although a little more complicated than simply using a pump,
  the main advantage to using a lung sampler to fill a Tedlar® bag is that it avoids potential pump contamination.

A Tedlar® bag with attached tubing is placed in a small airtight chamber with the tubing protruding from the chamber. The sealed chamber is then evacuated via a pump, causing the bag to expand and draw the sample into the bag through the protruding tube. The sample air never touches the wetted surfaces of the pump. Air Toxics Ltd. does not provide lung samplers.



4.2.1 Considerations for Tedlar® Bag Sampling

Some considerations for collecting a Tedlar® bag sample:

- **Fill the Tedlar® bag no more than 2/3 full**: Allow for possible expansion due to an increase in temperature or decrease in atmospheric pressure (e.g., the cargo hold of a plane)
- **Keep the Tedlar® bag out of sunlight**: Tedlar® film is transparent to ultraviolet light (although opaque versions are available) and the sample should be kept out of sunlight to avoid any photochemical reactions
- **Protect the Tedlar® bag**: Store and ship the Tedlar® bag samples in a protective box at room temperature. An ice chest may be used, but DO NOT CHILL
- **Fill out the Tedlar® bag label**: It is much easier to write the sample information on the label before the Tedlar® bag is inflated
- **Provide a second Tedlar® bag**: Consider filling two bags per location in the rare occasion that a defective bag deflates before analysis. The "hold" sample does not need to be documented on the Chain-of-Custody and should have an identical sample ID to the original sample indicating that it is the "hold" sample
- **Avoid Contamination**: Care should be taken to avoid contamination introduced by the pump or tubing. Begin sampling at locations with the lowest compound concentrations (e.g., sample the SVE effluent before the influent). Decontaminate the pump between uses by purging with certified air for an extended period; better yet, use a lung sampler. Use the shortest length possible of Teflon® tubing or other inert tubing. DO NOT REUSE TUBING. If long lengths of tubing are used, consider purging the tubing with several volumes worth before sampling. If you are concerned about sampling for trace compounds, you shouldn't be using a Tedlar® bag (see Section 1.2)
- **Don't Sample Dangerous Compounds in a Tedlar® Bag**: Do not ship any explosive substances, radiological or biological agents, corrosives or extremely hazardous materials to Air Toxics Ltd. Tedlar® bag rupture during transit to the laboratory is possible and the sampler assumes full liability

4.2.2 Step-by-Step Procedures for Tedlar® Bag Sampling (Pump)

Note: These procedures are for a typical stationary source (e.g., SVE system) sampling application; actual field conditions and procedures may vary. See additional sampling considerations in Section 5.3 for sampling soil gas or landfill gas.

Before you get to the field:

1. Verify contents of the shipped package (e.g., chain-of-custody, Tedlar® bag, and tubing/fittings – if requested)
2. Verify pump cleanliness and operation (Air Toxics Ltd. does not provide pumps)

When ready to sample:

3. Purge sample port
4. Attach new Teflon® tubing from sample port or probe to low flow rate pump
5. Purge tubing
6. Fill out Tedlar® bag sample tag
7. Attach additional new Teflon® tubing from the pump outlet to the Tedlar® bag valve
8. Open Tedlar® bag valve
9. Collect sample (FILL NO MORE THAN 2/3 FULL)
10. Close Tedlar® bag valve by hand tightening valve clockwise
11. Return Tedlar® bag in boxes provided (DO NOT CHILL)
12. Fill out chain-of-custody and relinquish samples properly.
13. Place chain-of-custody in box and retain pink copy
14. Tape box shut and affix custody seal as both openings (if applicable)
15. Ship priority overnight to meet method holding times.

Section 5. Special Sampling Considerations

This section provides considerations for special sampling configurations that a sampler may collect in the field such as field duplicates or an ambient blank. This section also provides considerations for sampling at altitude, as well as soil gas and landfill gas sampling.

5.1 Special Sampling Configurations

Special sampling configurations include a field duplicate, field split, field blank, ambient blank, and a trip blank. Call Client Services at 800-985-5955 if your project involves any of these special sampling configurations.

5.1.1 Field Duplicate

A field duplicate is a second sample collected in the field simultaneously with the primary sample at one sampling location. The results of the duplicate sample may be compared (e.g., calculate relative percent difference) with the primary sample to provide information on consistency and reproducibility of field sampling procedures. Due to the nature of the gas phase, duplicate samples should be collected from a common inlet. The configuration for collecting a field duplicate includes stainless steel or Teflon® tubing connected to a Swagelok "T". If integrated samples are being collected and the sample duration is to be maintained, the sample train should be assembled as follows: each canister should have a flow controller attached, then the duplicate sampling T should be attached to the flow controllers. If the collection flow rate from the sample port is to be maintained then the duplicate sampling T should be connected to the canisters; then the flow controller is connected to the inlet of the sampling T.

5.1.2 Field Blank

A field blank is a sample collected in the field from a certified air source. Analysis of the field blank can provide information on the decontamination procedures used in the field. Clean stainless steel or Teflon® tubing and a certified regulator should be used. It is imperative that individually certified canisters (the sample canister and the source canister/cylinder, if applicable) be used to collect a field blank.

5.1.3 Ambient Blank

An ambient blank is an ambient air sample collected in the field. It is usually used in conjunction with soil gas or stationary source (e.g., SVE system) sampling. Analysis of the ambient blank can provide information on the ambient levels of site contaminants. It is recommended that an individually certified canister be used to collect an ambient blank.

5.1.4 Trip Blank

When sampling for contaminants in water, the laboratory prepares a trip blank by filling a VOA vial with clean, de-ionized water. The trip blank is sent to the field in a cooler with new sample vials. After sampling, the filled sample vials are placed back in the cooler next to the trip blank and returned to the laboratory. Analysis of the trip blank provides information on decontamination and sample handling procedures in the field as well as the cleanliness of the cooler and packaging.

When sampling for compounds in air, a trip blank provides little, if any, of the information above. A trip blank canister can be individually certified, evacuated, and sent to the field in a box with the sample canisters. Since the valve is closed and the brass cap tightened, it is questionable if the trip blank canister contents are ever "exposed" to sampling conditions. **Air Toxics Ltd. does not recommend analyzing a trip blank for air sampling.**

5.2 Considerations for Sampling at Altitude

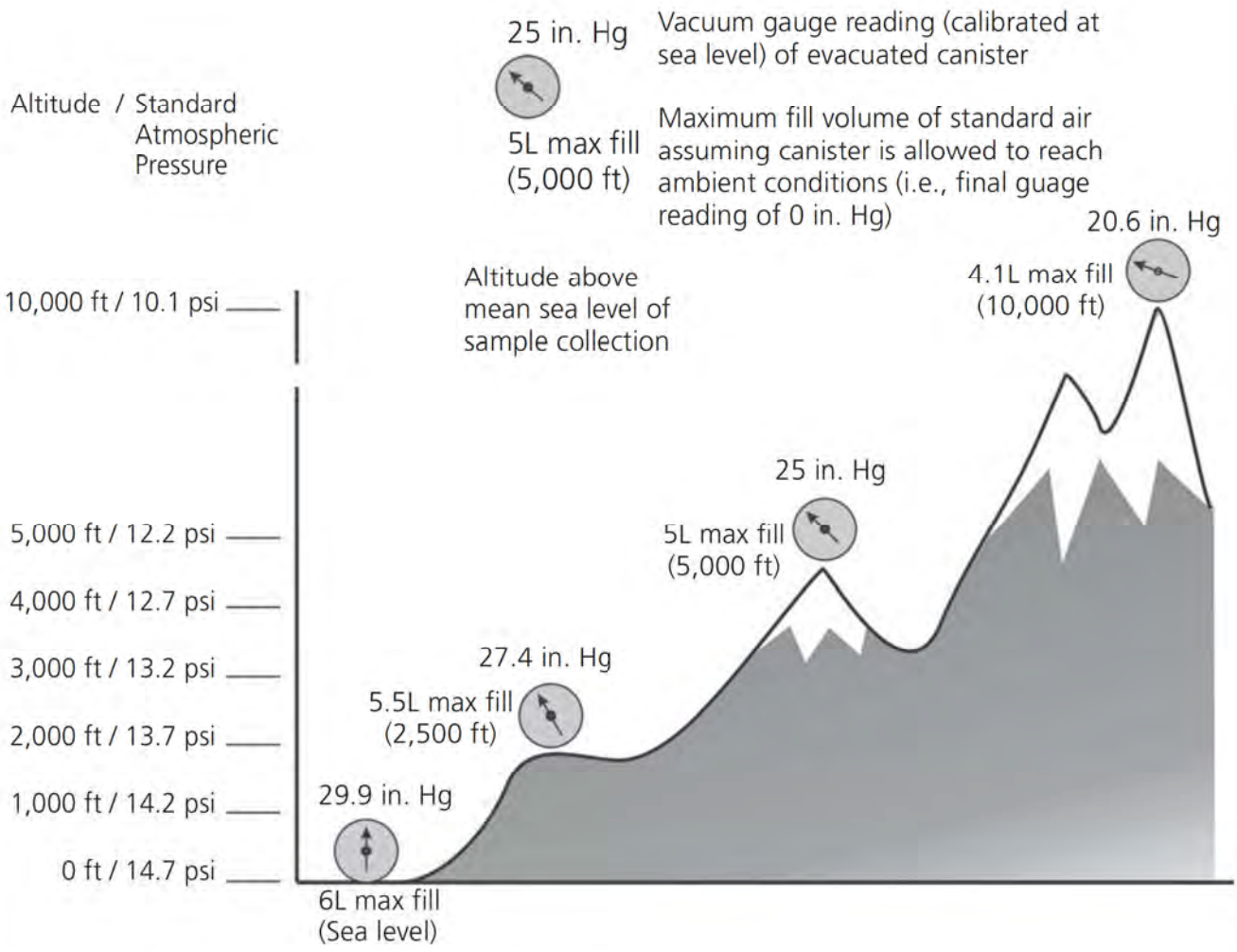
Sampling at altitudes significantly above sea level is similar to sampling a stationary source under vacuum, in that target fill volumes may be difficult to achieve. The figure below illustrates the relationship between increasing altitude and decreasing atmospheric pressure. Ambient conditions in Denver at 5,000 ft altitude are quite different from ambient conditions at sea level. Canister sampling is driven by the differential pressure between ambient conditions and the vacuum in the canister.

There is less atmospheric pressure in Denver and 5 L is the maximum fill volume of standard air assuming the canister is allowed to reach ambient conditions (i.e., final gauge reading of 0 in. Hg). Theoretically, if you sample high enough (e.g., in space), no sample would enter the canister because there is no pressure difference between the evacuated canister and ambient conditions. To fill a canister to 6 L in Denver, you would need to use an air pump.

Sampling at altitude also affects gauge readings. The gauges supplied by Air Toxics Ltd. (see Section 2.2.4) measure canister vacuum relative to atmospheric pressure and are calibrated at approximately sea level. Before sampling at altitude, the gauges should be equilibrated (see Section 3.1). But even after equilibrating the gauge, verifying the initial vacuum of a canister at altitude is misleading. In Denver at 5,000 ft, expect the gauge to read 25, not 29.9 in. Hg. You do not have a bad canister (i.e., leaking or not evacuated properly). The canister is ready for sampling and the gauge is working properly.

Rule of Thumb: For every 1,000 ft of elevation, the gauge will be off by 1 in. Hg and the fill volume will be reduced by 1/5 L.

If you have questions about sampling at altitude, please call Client Services at 800-985-5955.



5.3 Considerations for Soil Gas / Landfill Gas Sampling

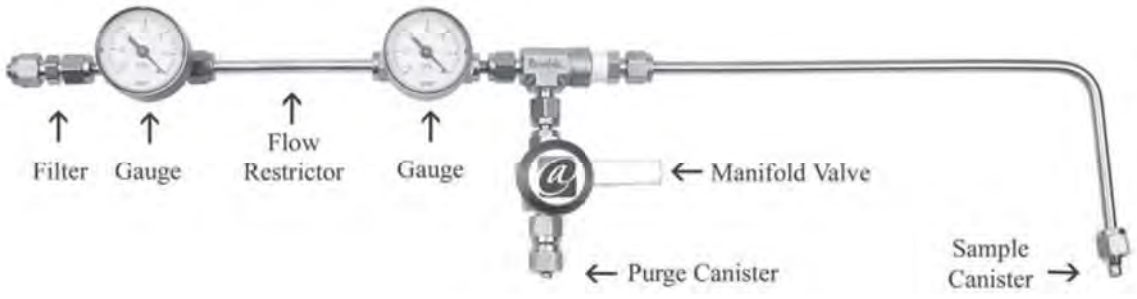
There are some additional sampling considerations for collecting grab samples (canister or Tedlar® bag) from a soil boring, landfill boring, SVE system or landfill gas (LFG) collection system. The general challenge with these samples arises from the need to employ long lengths of tubing to direct the soil gas, landfill gas or process air to the canister or Tedlar® bag. Tubing introduces the potential for contamination and diluting the sample.

5.3.1 Collecting Soil Gas Samples with Sampling Manifolds

Air Toxics provides soil gas sampling manifolds in order to facilitate meeting the numerous quality control guidelines for collecting soil gas data. Two of the most critical aspects of soil gas sampling are purging the lines and preventing leaks. The manifold setup allows for automatic leak-checking of the canister sample train without the application of a leak check compound to the canister fittings. When the purge can is opened and closed, it creates a vacuum within the canister lines and fittings. If this vacuum is maintained, the train is considered leak-free. Because there is only one connection – the probe tubing to sample train – the chance for leaks is greatly reduced.

The manifold's in line gauge system used with a purge canister enables the sampler to determine the appropriate purge volume. Typically, purge volumes of 3 to 5 times the volume of the train tubing are used, and once the purge volume is calculated the lines can be purged by opening the purge canister valve and monitoring the decrease in vacuum. This decrease in vacuum is proportional to the volume purged through the lines. There is a suggested flow rate of between 100 and 200 milliliters per minute, a step thought to prevent ambient air intrusion as a result of taking the sample too quickly. Our manifold has a "built-in" flow restrictor; a frit of stainless steel tubing between the two gauges that is calibrated to 167 milliliters per minute.

The first gauge, located prior to the flow restrictor, is a vacuum gauge that informs the sampler if sufficient vapor is being collected from the soil or if the substrate is too compacted. Because this is not a flow meter but a measure of pressure/vacuum, the gauge should read at zero if there is sufficient flow from the soil. If the gauge begins to read a vacuum, then the flow is being restricted. The second gauge, in line after the flow controller and prior to the purge canister, is a vacuum gauge that indicates to the sampler whether or not the canister is filling properly at the expected rate. This setup enables the sampler to evaluate the lithologic conditions at the site and determine if a valid soil gas sample is being taken. Finally, when duplicate samples are required, the manifold can be used as a duplicate sampling "T" by simply replacing the purge canister with another sample canister.



5.3.2 Step-by-Step Procedures for Soil Gas Sampling Using Sampling Manifolds

These procedures are for a typical soil gas sampling application; actual field conditions and procedures may vary.

Before you get to the field:

1. Verify contents of the shipped package (e.g., chain-of-custody, canister, particulate filter and flow controller)
2. Verify the gauge is working properly
3. Verify the initial vacuum of canister

When ready to sample:

Leak Check Test

1. Confirm that canister valves are closed (knob should already be tightened clockwise)
2. Remove brass caps from both the sample canister and the purge canister (unless using certified media there is no difference between the two)
3. Attach manifold to canisters
4. Confirm that there is a brass cap secured at the inlet of the manifold creating an air tight train, make sure the manifold valve above the purge canister is open, and quickly open and close the purge canister valve in order to check for leaks. If the needle on the gauge drops, your train is not airtight. In this case, try refitting your connections and/or tightening them until the needle holds steady

Purging

5. Once the sample train is airtight remove the brass cap from the manifold inlet, connect the tubing from the sample port using a compression fitting and open the purge canister valve, 1/2 turn
6. Monitor integrated sampling progress periodically. *Please note, because the purge canister is inline after the flow restrictor the line will not purge faster than at a rate of 167mls/min
7. Once the desired purge volume is met close both the manifold valve and the purge canister valve by hand tightening the knobs clockwise
8. If sampling at multiple locations, the purge canister can be disconnected from the manifold and used to begin purging the next sample location without compromising the sample train

Sampling

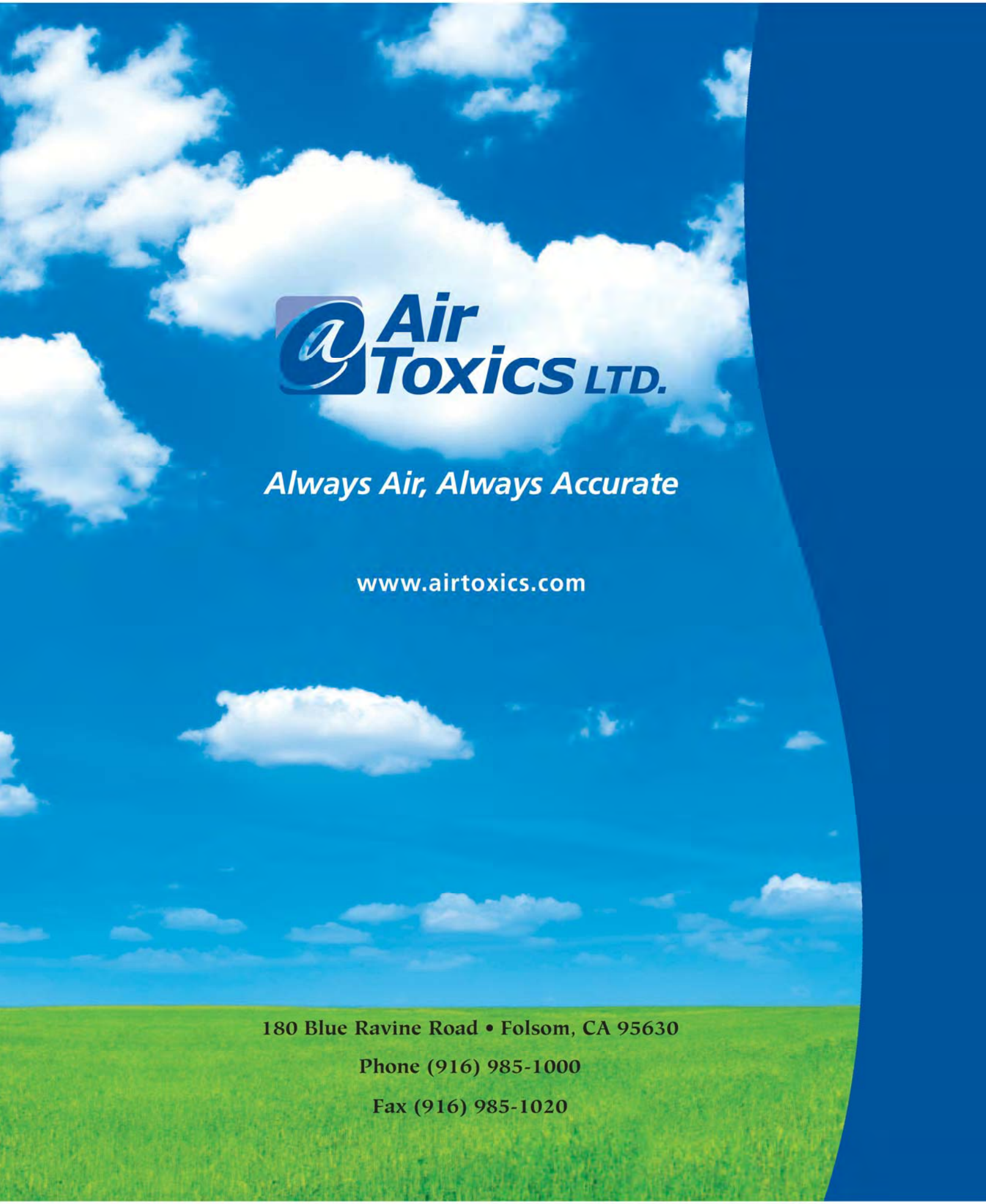
9. The line is now ready to be sampled. Open the sample canister valve and monitor sampling progress periodically.
10. When the sampling is complete close the valve and replace the brass cap on the canister; record final vacuum of canister (simply read built-in gauge)
11. Fill out canister sample tag (make sure the sample ID and date of collection recorded on the sample tag matches what is recorded on the COC exactly)
12. Return canisters in boxes provided (Unreturned canister replacement charge of $500 each)
13. Return sample media in packaging provided (Unreturned equipment charges: $45 per particulate filter; $50-500 per flow controller)
14. Fill out chain-of-custody and relinquish samples properly (it is important to note the canister serial numbers on the chain-of-custody)
15. Place chain-of-custody in box and retain pink copy
16. Ship accordingly to meet method holding times

5.3.3 Special Considerations for Soil Gas and Landfill Gas Sampling

- **Use inert tubing**. Teflon® tubing is recommended. Tubing with an outer diameter of 1/4 in. works best with the fittings on the particulate filter.
- **Do not reuse tubing**. $2 per foot for new tubing is a small price to pay for peace of mind.
- **Purge tubing adequately**. A long length of tubing has significant volume of "dead air" inside.
  Without purging, this air will enter the canister and dilute the sample. Consider using a handheld PID/FID to confirm that you have purged the tubing and are drawing sample air through the tubing.
- **Avoid leaks in the sampling train**. Leaks of ambient air through fittings between pieces of the sampling train (e.g., tubing to particulate filter) will dilute the sample. Always use compression fittings for all connections; never use tube in tube connections.
- **Don't sample water**. If moisture is visible in the sample tubing, the soil gas sample may be compromised. Soil gas probes should be at an appropriate depth to avoid reaching the water table. Additionally, subsurface vapor should not be collected immediately after measurable precipitation.
- **Purge the sample port**. A sample port on an SVE system or LFG collection system can accumulate solids or liquids depending upon the location of the port in the process and the orientation of the port. An influent sample port located upstream of a filter or moisture knock-out can be laden with particulates or saturated with water vapor. Heavy particulate matter can clog the particulate filter and foul the canister

valve. It is important to prevent liquids from entering the canister. A sample port oriented downward may have liquid standing in the valve. Purge the sample port adequately before connecting the sampling train.

- **Consider the effects of sampling a process under vacuum or pressure**. When collecting a grab sample from a stationary source such as an SVE system or LFG collection system, some sample ports may be under vacuum or pressure relative to ambient conditions. When the sample port is under vacuum, such as the header pipe from the extraction well network, it may be difficult to fill the canister with the desired volume of sample. A vacuum pump may be used to collect a canister grab sample from a sample port under considerable vacuum. See the related discussion on sampling at altitude in Section 5.2. When the sample port is under pressure, such as the effluent stack downstream of the blower and treatment system, you may inadvertently pressurize the canister. Only a DOT-approved sample cylinder should be used to transport pressurized air samples. Under no circumstances should an Air Toxics Ltd. canister be pressurized more than 5 psig for a 6 L canister and 15 psig for a 1 L canister. Bleed off excess pressure by opening the valve temporarily while monitoring the canister with a pressure gauge.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