B&B Engineers & Geologists of new york, p.c.
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22 April 2021

Mr. Timothy Schneider
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Subject: Revised Site Characterization Work Plan Addendum #4
Former Scott Technologies Site (#p808049)
1051 South Main Street, City of Elmira, Chemung County, NY

Dear Mr. Schneider:

On behalf of Unisys Corporation (Unisys), Geosyntec Consultants, Inc. and its New York engineering affiliate, B &B Engineers & Geologists, P.C. (collectively, Geosyntec) are submitting this Addendum #4 to the Site Characterization Work Plan (SC Work Plan) for the Former Scott Technologies Site (Site #808049) (Site) in Elmira, New York. Unisys has been conducting Site Characterization (SC) activities at the Site in accordance with an Order on Consent and Administrative Settlement (Order) with New York State Department of Environmental Conservation (NYSDEC or agency) dated 16 July 2014, the SC Work Plan dated 5 December 2014 and subsequent SC Work Plan Addendum #1 (Addendum #1) dated 1 August 2016, SC Work Plan Addendum #2 (Addendum #2) dated 3 March 2017, and SC Work Plan Addendum #3 (Addendum #3) dated 20 December 2019. The objective of this SC Work Plan addendum is to complete characterization of constituents of potential concern (COPCs) in soils following completion of a Shallow Soil Interim Remedial Measure (IRM) in June 2020. This SC Work Plan addendum is a revision of the 29 December 2020 version of the work plan and addresses comments on that work plan received from NYSDEC on 2 March 2021.

BACKGROUND

The Site is located at 1051 South Main Street in Elmira, Chemung County, New York (see **Figure 1**) and is currently occupied by Southern Tier Commerce Center (STCC). A Preliminary Site Assessment (PSA) for the entire Former Sperry Remington Site was completed in 1988 on behalf of Unisys and submitted to NYSDEC (Dames & Moore, 1988). The Site has been the subject of additional environmental investigations between 1992 and 2012. In June 2013, NYSDEC identified potential areas of concern (PAOCs) at the Site based on new information related to historical use of the property and previous environmental investigations results.

Scott Technologies Inc. (STI), a former owner of the Site, entered into a Voluntary Cleanup Agreement with NYSDEC in January 1999 to conduct investigation and remedial activities at the Site. Prior actions included the removal of four (4) registered underground storage tanks (USTs) in 1993 (Versar, 1993) and voluntary investigations. STI conducted a voluntary remedial action between October 1999 and March 2000

(URS, 2000) that included removal and disposal of low voltage PCB capacitors, cleaning or decommissioning of tanks/vessels, concrete clarification chambers or above ground storage tanks (ASTs), and excavation of polycyclic aromatic hydrocarbons (PAHs) in soil. PAHs in soils identified as exceeding the NYSDEC-approved cleanup goal total PAH concentration of less than or equal to 100 milligrams per kilogram (mg/kg) were excavated to depth of up to three (3) feet in areas north and east of Building 88 as shown on **Figure 1**. The total excavated area was approximately 0.75 acres. Supplemental investigation of the holding pond on the north side of the Site was conducted in 2002 (URS, 2002). Remedial activities for the holding pond were deemed unnecessary by NYSDEC due to a determination of low risk to wildlife and human health as documented in the 2004 NYSDEC fact sheet for the voluntary cleanup (NYSDEC, 2004). Holding pond sediments were identified as a PAOC by NYSDEC in June 2013.

STI conducted an additional voluntary remedial action in the former recreation area (FRA) in October 2004 following pre-characterization of soils in March 2004. The constituents of potential concern (COPCs) and approved clean up goals by NYSDEC for the FRA relevant to this Site Characterization were lead (1,000 mg/kg) and total PAHs (100 mg/kg). Shallow soils were excavated to depths of 0.17 to 0.67 feet (ft) below ground surface (bgs) as shown on **Figure 1**. Approximately eighty-six (86) tons of hazardous fill material and one hundred and four (104) tons of non-hazardous fill material were excavated and transported off-Site for appropriate disposal. Deed restrictions were filed with Chemung County Clerk's Office in July 2005 that limited potential future use of the Site to commercial or industrial uses with the exception of day care facilities and also required maintenance of the vegetative cover. In August 2005, STI submitted a Site Management Plan (SMP) for the FRA that described procedures for excavation and maintenance of the existing vegetative cover, fencing and signage. The SMP was approved by NYSDEC in correspondence dated 13 October 2005. Voluntary cleanup activities at the Site were declared by NYSDEC to have been satisfactorily completed in October 2006.

In May 2017, Unisys reached an agreement with STCC to use a portion of the Site located south of Building 88 as a Material Staging Area (MSA) to stockpile soils excavated as part of an interim remedial measures (IRMs) conducted on the Former Sperry Remington Site – North Portion (NYSDEC #c808022) as shown on **Figure 1.** The MSA was decommissioned during the Shallow Soil IRM in June 2020.

PREVIOUS SITE CHARACTERIZATION ACTIVITIES

Previous Site Characterization activities included inspection of the former combined industrial sewer, soil investigation, groundwater investigation, and holding pond investigation. Surface (zero to 0.17 ft bgs) and shallow subsurface (0.17 to two (2) ft bgs) soil samples were collected to characterize PAOCs not addressed by previous investigations and voluntary actions. Soil analytical results were compared to NYSDEC-approved cleanup goals for previous voluntary remedial actions at the STCC facility and the FRA. Previously approved cleanup goals for the voluntary remedial actions conducted by STI are applicable and

relevant for consistency with prior actions at the Site. Those criteria are total PAH[1] concentrations equal to or less than one hundred (100) mg/kg for the STCC facility and the FRA and lead concentrations equal to or less than one thousand (1,000) mg/kg for the FRA. For COPCs that are the focus of this Site Characterization where cleanup goals were not previously established, screening criteria are Soil Cleanup Objectives (SCOs) presented in 6 NYCRR Subpart 375 as appropriate based on current and potential land use. The current land use of the STCC facility and surrounding areas is considered to be industrial. The area outside the fenced portion of the FRA to the southwest is adjacent to residential properties. As discussed with NYSDEC and the New York State Department of Health (NYSDOH), residential screening criteria for Site Characterization purposes are also relevant to unfenced areas south of Building 88. Screening criteria, including NYSDEC SCOs and previous voluntary remedial action cleanup goals, are not being presented as cleanup goals for the Site. Cleanup goals will be proposed for IRMs or as part of a remedy selection process, as necessary.

PCB, PAH and metal COPCs detected in soils above screening criteria, as noted above, were identified in the unfenced area south of Building 88 and the FRA. COPCs were not detected above screening criteria within the fenced areas east and north of Building 88. Additional soil investigations were conducted under Addendum #1, Addendum #2 and Addendum #3 between 7 September and 16 September 2016, between 18 and 19 May 2017 and between 18 and 21 December 2019, respectively. A Shallow Soil Removal IRM was conducted in May and June 2020 based on SC data collected to date in conjunction with MSA decommissioning. IRM activities are documented in the Shallow Soil IRM Construction Completion Report submitted to NYSDEC on 2 December 2020. Validated analytical results are presented in **Tables 1** and **2** for soil samples collected to date in the unfenced areas south of Building 88 and outside of the fenced area of the FRA, respectively. The extent of COPC exceedances for PCBs, PAHs and metals in surface[2] and shallow subsurface soils in those unfenced areas are presented in **Figures 2A-2, 2B-3, 2C-4, 3A-2, 3B-3, 3C-4**, **4A-2, 4B-3, 4C-4**, **5**, **6** and **7**. The extent of Shallow Soil IRM excavations are shown for reference. Exceedances of COPC screening criteria include the following:

- Concentrations of total PCBs in surface soils south of Building 88 exceeded the Residential SCO of one (1) mg/kg within the footprint of the decommissioned MSA as shown in **Figure 2A-1**;

- Concentrations of metals in surface soils south of Building 88 exceeded Residential SCOs for arsenic, barium, cadmium, chromium, copper, lead, mercury, and nickel at sidewalls and bottoms of IRM excavations 1-1, within the footprint of the decommissioned MSA, and in the northwest portion of the unfenced area, as shown in **Figures 2B-1, 2B-2** and **2B-3**.

[1] Total PAH concentrations: sum of naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, debenzo(a,h)anthracene, and benzo(g,h,i)perylene based on PAHs reported for confirmatory samples collected during the voluntary remedial action conducted by STI in 1999-2000.
[2] Surface soil samples include samples from 0-0.17 ft and 0-0.5 ft bgs.

- Concentrations of PAHs in surface soils exceeded Residential SCOs at IRM at sidewalls and bottoms of IRM excavations 1-1, 1-2, 1-3, 1-4 and 1-5, within the footprint of the decommissioned MSA, and in the northwest portion of the unfenced area, as shown in **Figures 2C-1, 2C-2, 2C-3** and **2C-4**;

- Concentrations of metals in shallow subsurface soils south of Building 88 exceeded Residential SCOs for arsenic, barium, cadmium, chromium, copper, lead, mercury, and nickel at sidewalls and bottoms of IRM excavations 1-1, and in the southwest portion of the unfenced area, as shown in **Figures 3B-1, 3B-3** and **4B-3**;

- Concentrations of PAHs in shallow subsurface soils exceeded Residential SCOs at sidewalls and bottoms of IRM excavations 1-1, 1-2, and 1-3 and in the northwest portion of the unfenced area, as shown in **Figures 3C-1, 3C-4** and **4C-4**; and

- Concentrations of metals, including barium, cadmium and lead, in surface and shallow subsurface soils outside the fenced area of the FRA exceeded Residential SCOs at sidewalls and the bottom of IRM excavation 1-7 as shown in **Figures 5** and **6**, respectively.

PROPOSED SCOPE OF WORK

Additional characterization of COPCs in soils is proposed in the area south of Building 88 and outside the fenced portion of the FRA. Site Characterization data may be used to design potential IRMs. The proposed soil sampling intervals are consistent with the impacted intervals to be delineated or characterized based on previous data. The proposed sampling plan includes lateral and vertical delineation of COPCs above restricted industrial SCOs (including individual SVOCs) and lateral delineation of COPCs above restricted residential SCOs in unfenced, unrestricted pedestrian access areas and vertically to two feet bgs adjacent to residential properties to evaluate potential exposure and off-site migration.

The proposed scope for soil investigation will include:

- Additional horizontal delineation of metals and PAHs in surface soil (0-0.17 ft) in vicinity of IRM excavation 1-1 (**Figures 2B-1 and 2C-1**);

- Additional horizontal delineation of PAHs in surface soil (0-0.17 ft) in vicinity of IRM excavation 1-1, 1-2, 1-3, 1-4 and 1-5 (**Figures 2C-1, 2C-2 and 2C-3**);

- Additional horizontal delineation of metals and PAHs in surface soil (0-0.17 ft) in the northwest portion of the unfenced area (**Figures 2B-3** and **2C-4**);

- Additional horizontal delineation of metals in surface soil (0-0.17 ft) in the vicinity of IRM excavation 1-7 outside of the FRA (**Figure 5**);

- Additional horizontal delineation of metals and PAHs in shallow subsurface soil (0.17 – 2 ft) in vicinity of IRM excavation 2-1 (**Figures 3B-1, 3C-1, 4B-1** and **4C-1**);

- Additional horizontal delineation of PAHs in shallow subsurface soil (0.17 – 2 ft) in vicinity of IRM excavation 2-1, 2-2, and 2-3 (**Figure 3C-1**);

- Additional horizontal delineation of metals and PAHs in shallow subsurface soil (0.17 – 1 ft) in the northwest portion of the unfenced area (**Figures 3B-3** and **3C-4**);

- Vertical delineation of COPC exceedances in surface soil within the footprint of the decommissioned MSA (**Figures 3A-1/B-2/C-2/C-3** and **4A-1/B-2/C-2/C-3**);

- Vertical delineation of PAHs and metals in shallow subsurface soil (0.5 – 2 ft) within the footprint of IRM excavation 1-1 and 2-1 (**Figures 3B-1, 3C-1, 4B-1** and **4C-1**); and

- Vertical delineation of metals in the vicinity of IRM excavation 1-7 outside of the FRA (**Figure 6**).

Proposed primary soil sample locations are presented on **Table 3** for each investigation area with sampling intervals. Soil samples will be collected to address identified data gaps in horizontal and vertical delineation. Full suite analyses (i.e., PCBs, metals and SVOCs) will be run on 25 percent of samples collected in the Outside FRA area. The overall soil sampling plans for the areas south of Building 88 and outside the fenced area of the FRA are presented in **Figures 8** and **9**, respectively. Soil borings will be advanced using direct push technology (DPT) or hand augering (where appropriate or necessary) in accordance with the SC Work Plan's Quality Assurance Project Plan/Field Sampling Plan (QAPP/FSP). Surface soil samples will be collected from the soil interval 0-0.17 ft bgs. Shallow subsurface soil samples will be collected from soil intervals 0.17 – 1 ft bgs and 1 – 2 ft bgs. Soil samples will be submitted to a fixed laboratory for COPC analyses with a standard ten-day (10-day) turnaround time (TAT) in accordance with the QAPP/FSP. Select samples will be held for analyses, particularly for vertical delineation, pending receipt of initial unvalidated results as shown on **Table 3**.

QUALITY ASSURANCE

Sample handling, including sample custody and sample control, will be conducted in accordance with the QAPP/FSP. Quality control samples, including field duplicates, matrix spike/matrix spike duplicates, trip blanks, and equipment blanks, will be collected at the frequency specified in the QAPP/FSP.

HEALTH AND SAFETY

A Site-specific Health and Safety Plan (HASP) was presented in the SC Work Plan. Each contractor will be required to prepare a project-specific HASP in accordance with DER-10 to be followed during implementation of the field program. During soil sampling activities, air monitoring will be performed in accordance with the Community Air Monitoring Plan (CAMP) provided within the SC Work Plan. To protect against risks associated with the COVID-19 virus, field activities will be performed under a Project

COVID-19 Response Plan (Geosyntec, April 2020, updated on 28 May 2020), which was approved in a letter from NYSDEC dated 21 April 2020.

IDM MANAGEMENT

Solid investigation-derived material (IDM) that will be generated may include disposable personal protection equipment (PPE), disposable sampling equipment, and excavated material. Liquid IDM that will be generated will consist of water generated during decontamination of field equipment. Solid and liquid IDM will be stored in on-site fifty-five (55) gallon drums for waste characterization (if necessary) and appropriate off-site disposal in accordance with the QAPP/FSP.

SCHEDULE AND DELIVERABLES

A project schedule is provided in **Table 4**. Unisys will commence the implementation of this SC Work Plan Addendum upon receipt of written approval by NYSDEC, weather permitting, and pending access granted by the property owner. Completion of the work will be dependent on weather conditions and access. Once initiated, Unisys anticipates that soil sample collection will take approximately four (4) days to complete. Samples will be analyzed on ten-day (10-day) TAT and will be reviewed upon receipt. Samples on hold for analysis will be released for analyses as indicated by the unvalidated results.

Unisys will provide NYSDEC with unvalidated laboratory analytical reports in monthly progress reports following receipt from the laboratory. Summary tables and maps of unvalidated soil and groundwater results will be provided to NYSDEC and NYSDOH following receipt of all analytical data. Data validation will begin upon receipt of all analytical data packages. Site Characterization activities will be documented in a Site Characterization Report.

CLOSING

Geosyntec appreciates the opportunity to submit this work plan to the NYSDEC and NYSDOH. If you have any questions, please contact Mr. Kevin Krueger of Unisys at (651) 687-2210.

Sincerely,

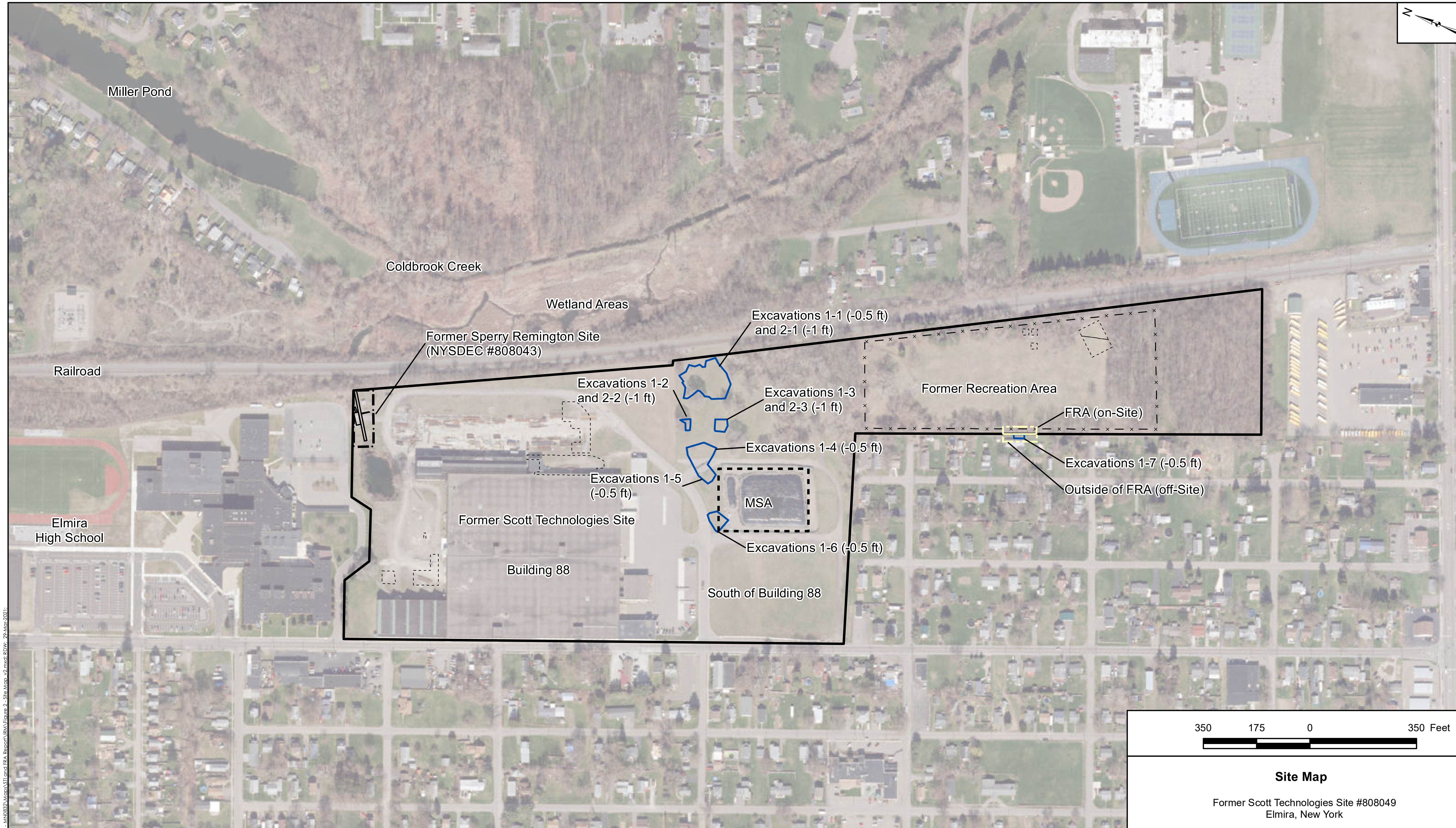
Paul Brookner
Senior Principal/Project Director
Geosyntec Consultants, Inc.

Aron Krasnopoler, Ph.D., P.E. (MD, NY)
Senior Engineer/Project Manager
B &B Engineers & Geologists of New York, P.C.

Attachments:
Figure 1 – Site Map
Figure 2A-1 & 2A-2 – PCBs – South of Building 88 (0-0.5 ft bgs)
Figure 2B-1, 2B-2 & 2B-3 – Metals – South of Building 88 (0-0.5 ft bgs)
Figure 2C-1, 2C-2, 2C-3 & 2C-4 – SVOCs – South of Building 88 (0-0.5 ft bgs)
Figure 3A-1 & 3A-2 – PCBs – South of Building 88 (0.5 -1 ft bgs)
Figure 3B-1, 3B-2 & 3B-3 – Metals – South of Building 88 (0.5-1 ft bgs)
Figure 3C-1, 3C-2, 3C-3 & 3C-4 – SVOCs – South of Building 88 (0.5 -1 ft bgs)
Figure 4A-1 & 4A-2 – PCBs – South of Building 88 (1 -2 ft bgs)
Figure 4B-1, 4B-2 & 4B-3 – Metals – South of Building 88 (1 -2 ft bgs)
Figure 4C-1, 4C-2, 4C-3 & 4C-4 – SVOCs – South of Building 88 (1 -2 ft bgs)
Figure 5 – Metals – Outside FRA (0-0.5 ft bgs)
Figure 6 – Metals – Outside FRA (0.5 -1 ft bgs)
Figure 7 – Metals – Outside FRA (1 -2 ft bgs)
Figure 8 - Sampling Plan – South of Building 88
Figure 9 - Sampling Plan – Outside FRA
Table 1 – COPCS - South of Building 88
Table 2 – COPCs - Outside of FRA
Table 3 – Proposed Soil Sampling
Table 4 – Project Schedule

Copies to:
Dave Pratt, NYSDEC
Justin Stenerson, NYSDEC
Sara Bogardus, NYSDOH
Michael Cruden, NYSDEC
Adam Meinstein, STCC
Kevin Murphy, Wladis Law Firm
Kevin Krueger, Unisys
Terry Etter, Unisys
Beth Parker Unisys
Michael G. Murphy, Beveridge & Diamond

FIGURES



Site Map

Former Scott Technologies Site #808049
Elmira, New York

Site Boundary - Former Sperry Remington
MSA
Excavation Limit
Excavation Limit
Approximate Areas of Excavation
Site Boundary - STCC
FRA Fence

Notes
Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 29 March 2021. Image is dated 2 June 2010.
FRA - Former Recreation Area MSA - Material Staging Area
MSA footprint is approximate.
Excavation depths below ground surface depicted within parentheses (-0.5 ft).

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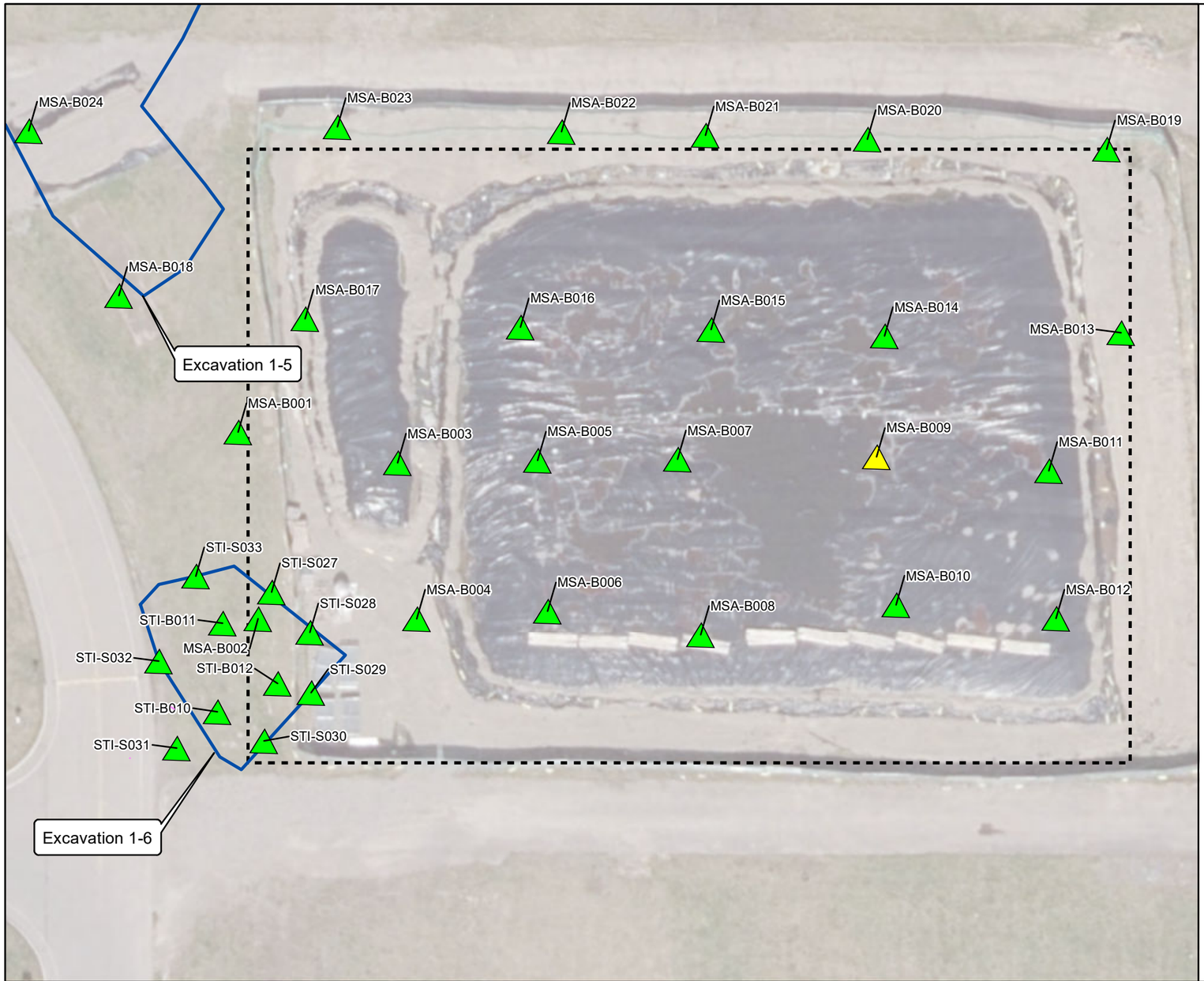
Figure 1



	PCBs
	Total PCBs
	mg/kg
EQL	
Residential	1
Industrial	25

Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date	
Samples in the Fenced Area (Industrial SCOs)				
MSA-B001-051620	MSA-B001	0-0.17	5/16/2020	0.5886
MSA-B002-051620	MSA-B002	0-0.17	5/16/2020	0.262
MSA-B003-051620	MSA-B003	0-0.17	5/16/2020	0.2894
MSA-B004-051620	MSA-B004	0-0.17	5/16/2020	0.104
MSA-B005-051720 (DUP-1)	MSA-B005	0-0.17	5/16/2020	1.295
MSA-B005-051720	MSA-B005	0-0.17	5/17/2020	0.1478
MSA-B006-051620	MSA-B006	0-0.17	5/16/2020	0.08245
MSA-B007-051620	MSA-B007	0-0.17	5/16/2020	0.06915
MSA-B008-051620	MSA-B008	0-0.17	5/16/2020	0.04705
MSA-B009-051620	MSA-B009	0-0.17	5/16/2020	1.193
MSA-B010-051620	MSA-B010	0-0.17	5/16/2020	0.5636
MSA-B011-051620	MSA-B011	0-0.17	5/16/2020	0.6856
MSA-B012-051620	MSA-B012	0-0.17	5/16/2020	0.1088
MSA-B013	MSA-B013	0-0.17	6/24/2020	0.2549
MSA-B014	MSA-B014	0-0.17	6/24/2020	0.549
MSA-B015	MSA-B015	0-0.17	6/24/2020	0.3611
MSA-B016	MSA-B016	0-0.17	6/24/2020	0.5719
MSA-B017	MSA-B017	0-0.17	6/24/2020	0.7248
MSA-B019	MSA-B019	0-0.17	6/24/2020	0.02925
STI-B012-060320	STI-B012	0.5-0.5	6/3/2020	0.086
STI-S027-060320	STI-S027	0-0.5	6/3/2020	0.1151
STI-S028-060320	STI-S028	0-0.5	6/3/2020	0.0792
STI-S029-060320	STI-S029	0-0.5	6/3/2020	<0.0444
STI-S030-060320	STI-S030	0-0.5	6/3/2020	<0.0444
Samples outside the Fenced Area (Residential SCOs)				
STI-B010-060320	STI-B010	0.5-0.5	6/3/2020	0.1716
STI-B011-060320	STI-B011	0.5-0.5	6/3/2020	<0.0449
STI-S031-060320	STI-S031	0-0.5	6/3/2020	0.1136
STI-S032-060320	STI-S032	0-0.5	6/3/2020	0.5131
STI-S033-060320	STI-S033	0-0.5	6/3/2020	<0.0423
MSA-B018	MSA-B018	0-0.17	6/24/2020	0.1627
MSA-B024	MSA-B024	0-0.17	6/24/2020	0.4481
MSA-B020	MSA-B020	0-0.17	6/24/2020	0.3153
MSA-B021	MSA-B021	0-0.17	6/24/2020	0.2053
MSA-B022	MSA-B022	0-0.17	6/24/2020	0.1526
MSA-B023	MSA-B023	0-0.17	6/24/2020	0.4349

PCB Exceedances

- Does Not Exceed Residential Screening Criteria
- Exceeds Residential Screening Criteria

MSA **Excavation Limit**

- Excavation Limit

40 20 0 40 Feet

PCBs – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

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Figure 2A-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2A1 - STCC Site Characterization_Sampling_Plan_PCBs_0-0.5_107.mxd 3/23/2021 11:18:12 AM

				PCBs
				Total PCBs
				mg/kg
EQL				
Restricted				1
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**	
STI-B29-SS	STI-B29	0-0.17	10/23/2015	0.368
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	0.0353
STI-B29-SS (STI-FD#4)	STI-B29	0.17-2	10/23/2015	0.042
STI-B30-SS	STI-B30	0-0.17	10/23/2015	0.008
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	0.0047

PCB Exceedances

▲ Does Not Exceed Residential Screening Criteria

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 distortions 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 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

40 20 0 40 Feet

PCBs – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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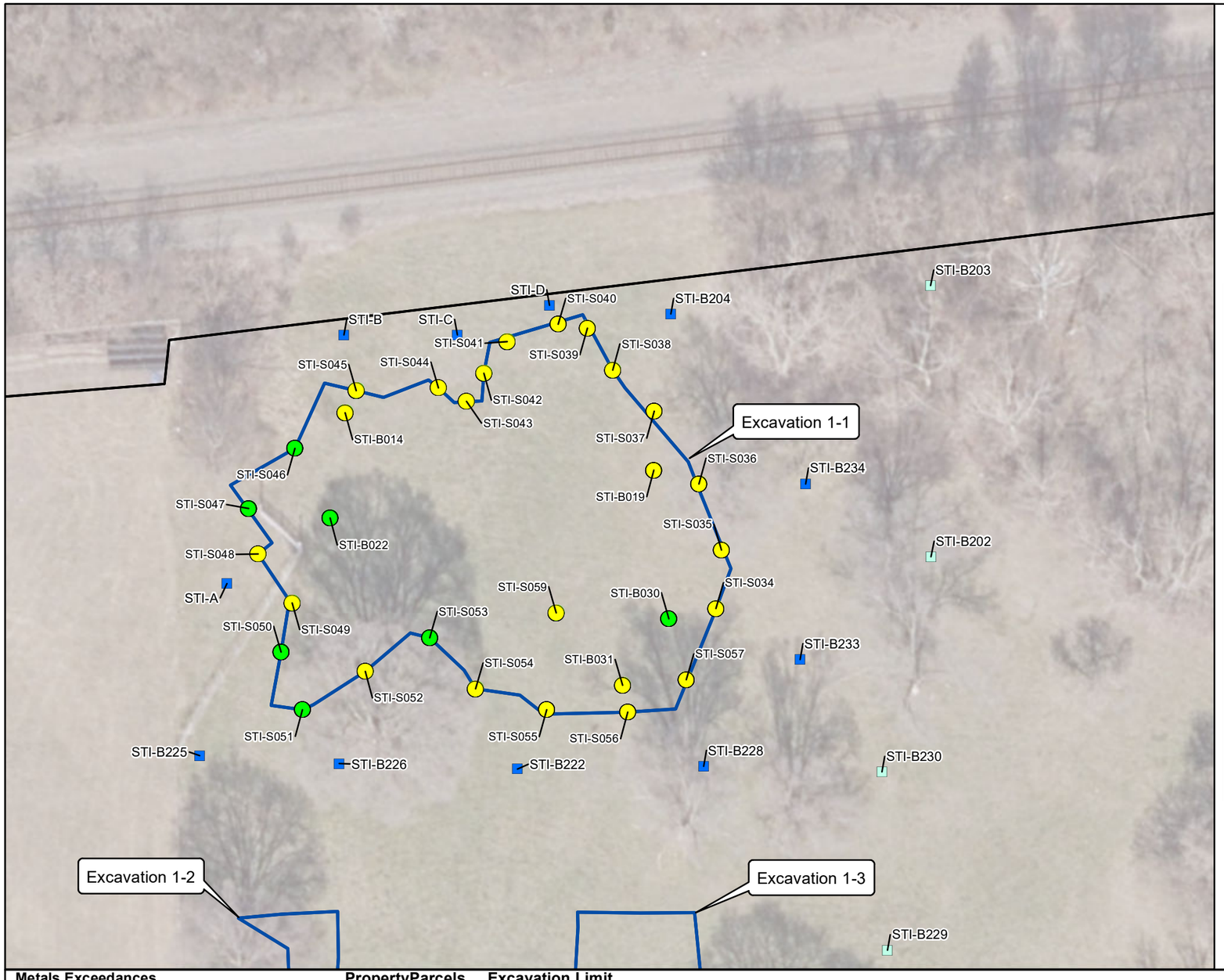
Figure 2A-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2A2 - STCC Site Characterization_Sampling_Plan_PCBs_0-0.5_107.mxd 3/23/2021 11:29:55 AM



				Metals							
				Arsenic	Barium	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.86	17	0.43	0.43	2.1	0.86	0.031	3.4
Residential				16	350	2.5	22	270	400	0.81	140
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**								
STI-B014-060420	STI-B014	0.5-0.5	6/4/2020	10	510	0.35J	41	240	160	0.16	89
STI-B019-060420	STI-B019	0.5-0.5	6/4/2020	20	1600	3.2	130	2200	530	1.9	300
STI-B030-060420	STI-B030	0.5-0.5	6/4/2020	13	73	0.22J	8	55	25	0.086	14
STI-B031-060420	STI-B031	0.5-0.5	6/4/2020	14	530	1.1	32J	270	900	0.17	56J
STI-S034-060520	STI-S034	0-0.5	6/5/2020	17	350	3.2	60	1100	290	0.26	130
STI-S035-060520 (DUP-5)	STI-S035	0-0.5	6/5/2020	18	1400J	3.7	100J	850	640J	0.33	240J
STI-S035-060520	STI-S035	0-0.5	6/5/2020	28	640J	4.3	52J	730	330J	0.36	95J
STI-S036-060520	STI-S036	0-0.5	6/5/2020	43	530	4.1	100	910	240	0.83	470
STI-S037-060520	STI-S037	0-0.5	6/5/2020	18	440	20	360	200	190	0.66	130
STI-S038A-060520	STI-S038	0-0.5	6/5/2020	25	290	1.6	46	260	180	0.57	110
STI-S039A-060520	STI-S039	0-0.5	6/5/2020	31	560	2	65	310	180	0.22	120
STI-S040A-060520	STI-S040	0-0.5	6/5/2020	62	3400	0.92	36	370	150	0.13	72
STI-S041-060520	STI-S041	0-0.5	6/5/2020	56	270	0.44J	17	89	110	0.086	37
STI-S042-060520	STI-S042	0-0.5	6/5/2020	28	300	0.12J	8.2	48	38	0.075	21
STI-S043-060520	STI-S043	0-0.5	6/5/2020	83	260	0.36J	14	49	56	0.074	24
STI-S044-060520	STI-S044	0-0.5	6/5/2020	33	100	0.13J	13	18	3.4	0.035	19
STI-S045-060520 (DUP-6)	STI-S045	0-0.5	6/5/2020	15	180	0.34J	82	56	83	0.077	230
STI-S045-060520	STI-S045	0-0.5	6/5/2020	6.6	66	0.12J	14	24	1300	0.04	29
STI-S046-060520	STI-S046	0-0.5	6/5/2020	9.2	180J-	0.24J	22J-	37	55	0.12	32
STI-S047-060520	STI-S047	0-0.5	6/5/2020	9.5	130	0.39J	21	33	58	0.082	27
STI-S048-060520	STI-S048	0-0.5	6/5/2020	10	170	0.38J	20	130	900	0.097	73
STI-S049-060520	STI-S049	0-0.5	6/5/2020	7.9	97	0.22J	14J-	1100	49J-	0.089	21J-
STI-S051-060520	STI-S051	0-0.5	6/5/2020	6.8	210	0.37J	12	48	27	0.12	18
STI-S052-060520	STI-S052	0-0.5	6/5/2020	11	200	33	150	120	110	0.27	62
STI-S053-060520	STI-S053	0-0.5	6/5/2020	7.5	110	0.5	16	36	37	0.17	23
STI-S054-060520	STI-S054	0-0.5	6/5/2020	12	520	0.77	24	84	100	0.19	48
STI-S055-060520 (DUP-7)	STI-S055	0-0.5	6/5/2020	16	530	8.5	120	3500J	700	0.26	780J
STI-S055-060520	STI-S055	0-0.5	6/5/2020	17	710	5.9	110	1200J	920	0.23	200J
STI-S056-060520	STI-S056	0-0.5	6/5/2020	11	560	3	100	3400	800	0.28	86
STI-S057-060520	STI-S057	0-0.5	6/5/2020	15	780	4.7	130	1500	570	0.43	180

Metals Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Sreening Criteria

PropertyParcels

- Site Boundary

Excavation Limit

- Excavation Limit
- Proposed Sample Location
- Proposed Sample Location – Sample & Hold

40 20 0 40 Feet

Notes and Disclaimer
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

Metals – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

Columbia, Maryland | March 2021

Figure 2B-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2B1 - STCC Site Characterization_Sampling_Plan_Metals_0-0.5_107.mxd 3/23/2021 1:01:22 PM

					Metals		
					Chromium (III+VI)	Lead	Nickel
					mg/kg	mg/kg	mg/kg
EQL					0.3	0.6	2.4
Residential					22	400	140
Industrial					800	3900	10000
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**	**Lab Report**			
Samples in the Fenced Area (Industrial SCOs)							
MSA-B002-051620	MSA-B002	0-0.17	5/16/2020	180-105914-1	8.7	10	12
MSA-B003-051620	MSA-B003	0-0.17	5/16/2020	180-105914-1	6.8	28	14
MSA-B004-051620	MSA-B004	0-0.17	5/16/2020	180-105914-1	7.9	16	15
MSA-B005-051720 (DUP-1)	MSA-B005	0-0.17	5/16/2020	180-105914-1	13	47	22
MSA-B005-051720	MSA-B005	0-0.17	5/17/2020	180-105914-1	18	62	30
MSA-B006-051620	MSA-B006	0-0.17	5/16/2020	180-105914-1	14	63	33
MSA-B007-051620	MSA-B007	0-0.17	5/16/2020	180-105914-1	12	35	23
MSA-B008-051620	MSA-B008	0-0.17	5/16/2020	180-105914-1	80	680	160
MSA-B009-051620	MSA-B009	0-0.17	5/16/2020	180-105914-1	11	49	28
MSA-B010-051620	MSA-B010	0-0.17	5/16/2020	180-105914-1	7.6	65	20
MSA-B011-051620	MSA-B011	0-0.17	5/16/2020	180-105914-1	9.6	33	20
MSA-B012-051620	MSA-B012	0-0.17	5/16/2020	180-105914-1	5.3	27	13
MSA-B013	MSA-B013	0-0.17	6/24/2020	180-107588-1	12	61	26
MSA-B014	MSA-B014	0-0.17	6/24/2020	180-107588-1	24	340	47
MSA-B015	MSA-B015	0-0.17	6/24/2020	180-107588-1	7.1	31	14
MSA-B016	MSA-B016	0-0.17	6/24/2020	180-107588-1	12	31	20
MSA-B017	MSA-B017	0-0.17	6/24/2020	180-107588-1	10	91	19
MSA-B019	MSA-B019	0-0.17	6/24/2020	180-107588-1	13	17	16
MSA-B021	MSA-B021	0-0.17	6/24/2020	180-107588-1	13	41	23
MSA-B022	MSA-B022	0-0.17	6/24/2020	180-107588-1	18	52	34
MSA-B023	MSA-B023	0-0.17	6/24/2020	180-107588-1	9.9J-	34	18
Samples outside the Fenced Area (Residential SCOs)							
MSA-B001-051620	MSA-B001	0-0.17	5/16/2020	180-105914-1	9	30	17
MSA-B024	MSA-B024	0-0.17	6/24/2020	180-107588-1	7.9	35	17

Metals Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Sreening Criteria

PropertyParcels

- Site Boundary

Excavation Limit

- Excavation Limit

- Proposed Sample Location

- MSA

40 20 0 40 Feet

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Metals – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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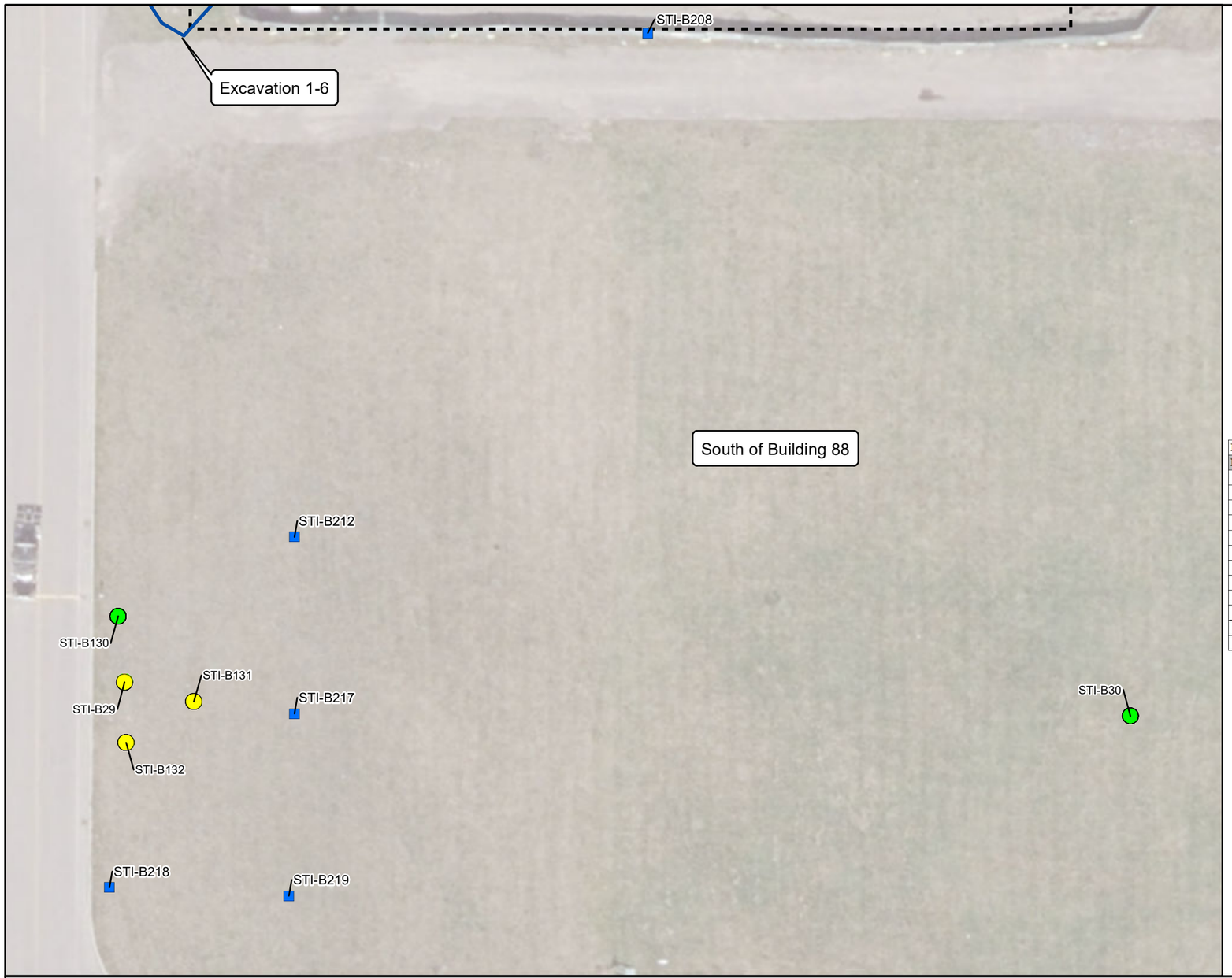
Columbia, Maryland | March 2021

Figure 2B-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2B2 - STCC Site Characterization_Sampling_Plan_Metals_0-0.5_107.mxd 3/23/2021 12:33:55 PM



				Metals			
				Arsenic	Barium	Chromium (III+VI)	Lead
				mg/kg	mg/kg	mg/kg	mg/kg
EQL				1	21	0.51	1
Residential				16	350	22	400
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**				
STI-B-130-SS-0-0.17	STI-B130	0-0.17	12/20/2019	7	150	16	80
STI-B-130-SUB-0.17-2	STI-B130	0.17-2	12/19/2019	8.2	130	11	40
STI-B-131-SS-0-0.17	STI-B131	0-0.17	12/20/2019	10	190	25	190
STI-B-131-SUB-0.17-2	STI-B131	0.17-2	12/19/2019	6.6	150	16	89
STI-B-132-SS-0-0.17	STI-B132	0-0.17	12/20/2019	13	210	24	160
STI-B-132-SUB-0.17-2	STI-B132	0.17-2	12/19/2019	8.8	110	16	73
STI-B29-SS	STI-B29	0-0.17	10/23/2015	16	210	33B	160
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	5.2	55	10B	22J
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	6.7	81	11B	40J
STI-B30-SS	STI-B30	0-0.17	10/23/2015	7.1	160	11B	130
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	7.5	410	51B	400

Metals Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Sreening Criteria

PropertyParcels

- Site Boundary

Excavation Limit

- Excavation Limit
- Proposed Sample Location
- MSA

40 20 0 40 Feet

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Metals – South of Building 88 (0-0.5 ft bgs)

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Figure 2B-3

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2B3 - STCC Site Characterization_Sampling_Plan_Metals_0-0.5_107.mxd 3/23/2021 12:50:53 PM

				SVOCs															
				Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.019	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.052	0.15	0.067	0.015	0.067	0.067	0.067	0.067
Residential				100	100	1	1	1	100	1	1	0.33	14	100	100	0.5	100	100	100
Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date																
STI-B006-060120	STI-B006	0.5-0.5	6/1/2020	<0.019U	0.048J	0.35	0.41	0.54	0.28	0.2	0.34	0.065J	0.018J	0.43	0.016J	0.26	0.06J	0.1	0.54
STI-B019-060420	STI-B019	0.5-0.5	6/4/2020	0.11	0.34	0.96	0.74	1.1	0.62	0.38	1	0.17	0.12J	1.4	0.13	0.54	0.2	1	1.4
STI-B031-060420	STI-B031	0.5-0.5	6/4/2020	0.34	0.69	1.2	1	1.3	0.69	0.37	1.1	0.19	0.29J	2.5	0.34	0.63	0.36	2.2	1.7
STI-S001A-052220	STI-S001	0-0.5	5/22/2020	100	170	240	190	230	93	100	200	33	77	500	110	93	100	510	380
STI-S002A-052220	STI-S002	0-0.5	5/22/2020	84	130	200	150	180	75	69	160	25	61	400	89	76	68	400	300
STI-S003A-052220	STI-S003	0-0.5	5/22/2020	110	180	230	180	210	88	86	180	30	84	490	120	87	110	520	360
STI-S004A-052220	STI-S004	0-0.5	5/22/2020	73	130	170	130	150	63	66	140	23	56	370	82	65	65	370	270
STI-S005A-052220	STI-S005	0-0.5	5/22/2020	210	360	470	340	410	170	160	380	63	170	950	230	170	210	980	660
STI-S006A-052220	STI-S006	0-0.5	5/22/2020	64	110	160	120	140	58	56	130	21	51	340	73	61	59	340	240
STI-S007A-052720	STI-S007	0-0.5	5/27/2020	4.5	11	23	21	24	13	10	21	3.4	2.6J	40	4.2	13	2.3	29	33
STI-S008A-052720	STI-S008	0-0.5	5/27/2020	22	45	63	49	52	26	27	52	8	18	120	24	27	20	130	87
STI-S009A-052720	STI-S009	0-0.5	5/27/2020	5.9	12	18	14	16	7.9	7.4	15	2.3	4.3	36	6.3	7.7	3.8	36	26
STI-S010A-060120	STI-S010	0-0.5	6/1/2020	110	230	290	220	240	84	100	220	30	85	680	120	99	91	750	480
STI-S012-060120	STI-S012	0-0.5	6/1/2020	1.6J	9.1	130	160	180	82	77	110	26	1.1J	130	1.9J	91	3.3	11	150
STI-S013-060120	STI-S013	0-0.5	6/1/2020	2.9	9.9	110	100	130	52	60	89	16	2.1J	140	2.4	53	6.2	23	160
STI-S014-060120	STI-S014	0-0.5	6/1/2020	0.28J	1.6	25	31	38	18	12	21	5.5	0.24J	22	0.37J	18	1.6	1.4	27
STI-S015-060120	STI-S015	0-0.5	6/1/2020	9.5J	20J	44J	38J	42J	20J	20J	35J	5.5J	5.3J	97J	8.8J	21J	6.3J	70J	72J
STI-S015-060120 (DUP-2)	STI-S015	0-0.5	6/1/2020	3.8J	8.2J	16J	15J	17J	8J	7J	13J	2.5J	2.3J	38J	3.6J	8.6J	2.5J	31J	26J
STI-S016-060120	STI-S016	0-0.5	6/1/2020	1.7	14	95	170	210	110	70	93	31	1.3J	140	2.9	110	3.4	27	150
STI-S034-060520	STI-S034	0-0.5	6/5/2020	17	28	41	33	37	19	16	34	5.6	12	83	16	18	17	88	60
STI-S035-060520	STI-S035	0-0.5	6/5/2020	6.5J	13J	19J	15J	18J	8.2J	6.3J	17J	2.6J	6.1J	40J	9J	7.7J	6.6J	44J	28J
STI-S035-060520 (DUP-5)	STI-S035	0-0.5	6/5/2020	1.1J	2.7J	5.1J	4.2J	5.8J	2.7J	1.6J	4.9J	0.91J	0.83J	10J	1.2J	2.6J	0.7J	8.2J	7J
STI-S036-060520	STI-S036	0-0.5	6/5/2020	0.78	1.7	2.5	1.9	2.6	1.2	0.73	2.3	0.34	0.63	5	0.73	1.1	0.65	4.8	3.4
STI-S037-060520	STI-S037	0-0.5	6/5/2020	7.3	13	18	15	17	9.2	7.7	17	2.9	5.3	41	7	8.7	8.1	42	26
STI-S038A-060520	STI-S038	0-0.5	6/5/2020	3.5	7.3	12	10	12	6.2	5.1	11	1.9	2.3	24	3.4	6.2	2.8	22	17
STI-S039A-060520	STI-S039	0-0.5	6/5/2020	15	26	33	26	28	15	14	29	4.6	<0.15U	71	17	15	20	83	48
STI-S040A-060520	STI-S040	0-0.5	6/5/2020	0.92	1.9	3.2	2.7	3.1	1.8	1.5	2.9	0.53	0.7	6.3	0.92	1.7	0.79	6	4.3
STI-S041-060520	STI-S041	0-0.5	6/5/2020	0.43	1.1	2.1	1.8	2.3	1.3	1.1	2.1	0.4	0.4	3.7	0.4	1.2	0.46	2.9	2.7
STI-S042-060520	STI-S042	0-0.5	6/5/2020	0.058J	0.15	0.29	0.27	0.35	0.21	0.15	0.35	0.067J	0.15J	0.5	0.053J	0.18	0.27	0.59	0.39
STI-S043-060520	STI-S043	0-0.5	6/5/2020	2	5	11	12	17	9	5.7	11	2.5	1.3J	17	2	8.6	0.91	11	14
STI-S044-060520	STI-S044	0-0.5	6/5/2020	<0.021U	0.052J	0.2	0.19	0.28	0.15	0.15	0.21	0.054J	0.15J	0.21	<0.015U	0.14	0.34	0.31	0.21
STI-S045-060520	STI-S045	0-0.5	6/5/2020	0.14J	0.29J	0.63J	0.52J	0.56J	0.32J	0.26J	0.53J	0.1J	0.079J	1.1J	0.12J	0.31J	0.085J	0.78J	0.81J
STI-S045-060520 (DUP-6)	STI-S045	0-0.5	6/5/2020	6.2J	13J	20J	15J	16J	8.6J	7.3J	16J	3J	4.2J	36J	6.1J	8.5J	4.3J	35J	25J
STI-S046-060520	STI-S046	0-0.5	6/5/2020	0.51	1	1.7	1.3	1.5	0.84	0.66	1.5	0.26	0.34J	3.2	0.49	0.8	0.27	3	2.4
STI-S047-060520	STI-S047	0-0.5	6/5/2020	<0.023U	0.064J	0.17	0.16	0.23	0.15	0.07J	0.21	<0.052U	0.023J	0.33	0.023J	0.12	0.036J	0.19	0.25
STI-S048-060520	STI-S048	0-0.5	6/5/2020	0.025J	0.13	0.25	0.31	0.46	0.29	0.16	0.4	0.068J	0.042J	0.71	0.031J	0.25	0.073	0.37	0.55
STI-S049-060520	STI-S049	0-0.5	6/5/2020	0.2	0.34	0.63	0.56	0.64	0.26	0.27	0.56	0.093	0.13J	1.3	0.19	0.26	0.11	1.2	0.99
STI-S050-060520	STI-S050	0-0.5	6/5/2020	27	40	59	52	58	27	22	49	9	17	130	24	27	27	140	89
STI-S051-060520	STI-S051	0-0.5	6/5/2020	20	29	45	39	45	21	15	36	7.1	14	100	19	21	18	100	68
STI-S052-060520	STI-S052	0-0.5	6/5/2020	60	98	140	120	130	62	55	110	22	43	310	60	59	65	320	200
STI-S053-060520	STI-S053	0-0.5	6/5/2020	1.9	3.2	5.1	4.2	4.7	2.4	1.9	4	0.83	1.1	10	1.7	2.3	1.4	10	7.2
STI-S054-060520	STI-S054	0-0.5	6/5/2020	0.51	0.89	1.6	1.4	1.6	0.79	0.69	1.4	0.26	0.34J	3.1	0.46	0.79	0.41	2.9	2.4
STI-S055-060520	STI-S055	0-0.5	6/5/2020	19 - 24J	30 - 41J	53 - 66	47 - 57	54 - 70	30	18 - 30	44 - 56	9 - 9.3	13 - 17J	110 - 140	18 - 24J	29	19 - 30J	98 - 140	76 - 110
STI-S055-060520 (DUP-7)	STI-S055	0-0.5	6/5/2020	41 - 43J	61 - 66J	81 - 88	68 - 72	74 - 93	34 - 39	30 - 31	65 - 73	11 - 13	28 - 30J	180 - 190	38 - 40J	34 - 38	52 - 65J	180 - 210	120 - 150
STI-S056-060520	STI-S056	0-0.5	6/5/2020	3.6 - 4.3	5.8 - 6.6	7.7 - 9.2	6.4 - 7.2	7.3 - 9.9	3.8 - 3.9	2.5 - 2.6	6.2 - 7.5	1.2	2.4 - 3.2	17 - 21	3.2 - 4.1	3.7 - 3.8	3.2 - 4.3	18 - 23	11 - 15
STI-S057-060520	STI-S057	0-0.5	6/5/2020	0.91	1.6	2.7	2.4	2.7	1.7	1.1	2.4	0.5	0.58	5.9	0.84	1.6	0.77	5.4	4

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

Site Boundary

Proposed Sample Location

Proposed Sample Location – Sample & Hold

Excavation Limit

Excavation Limit

40 20 0 40 Feet

SVOCs – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

Columbia, Maryland | March 2021

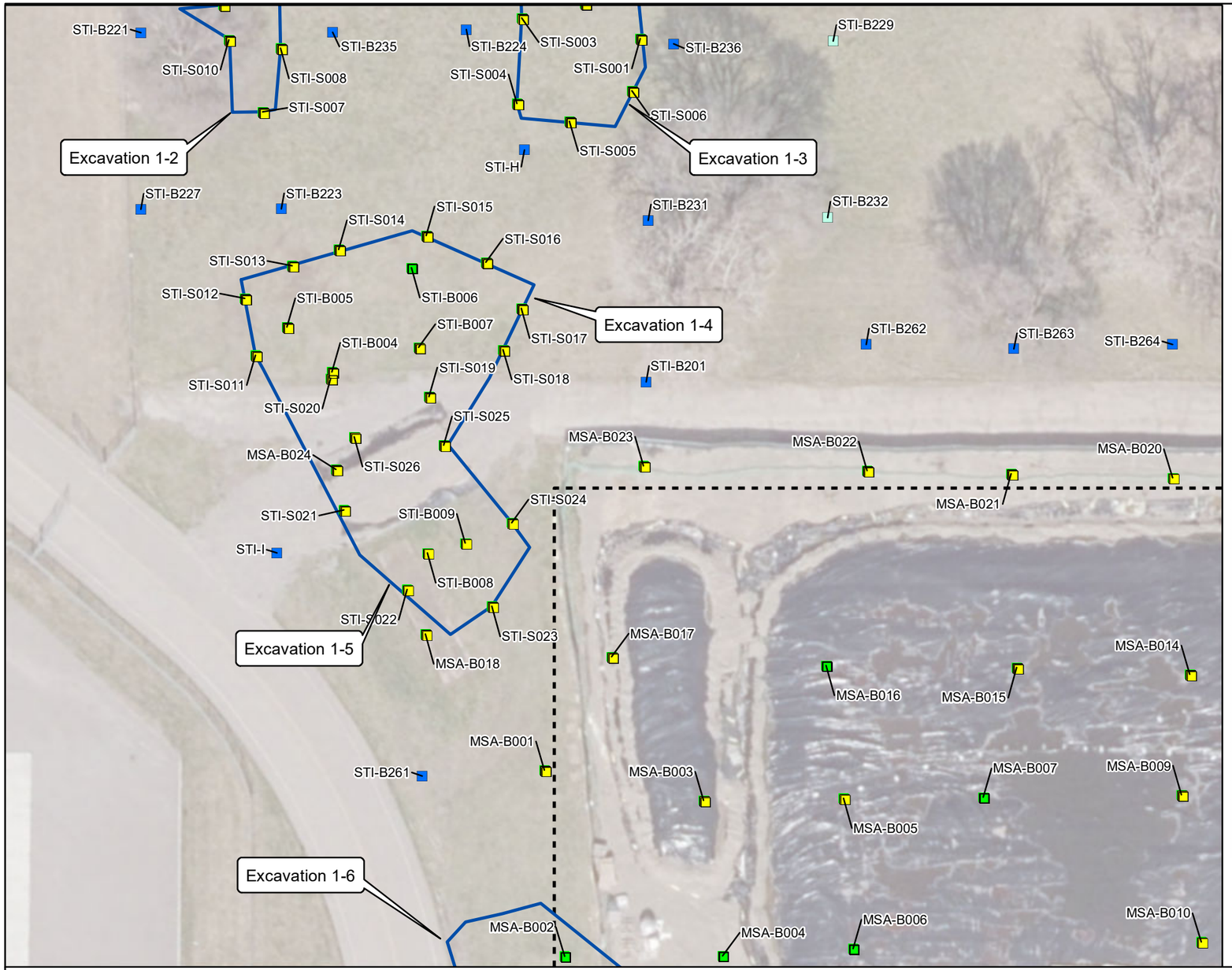
Figure 2C-1

Notes and Disclaimer

Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 distortions 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 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2C1 - STCC Site Characterization_Sampling_Plan_SVOCs_0-0.5_107.mxd 3/23/2021 3:25:06 PM



				SVOCs															
				Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.019	0.021	0.067	0.067	0.067	0.067	0.067	0.067	0.052	0.017	0.067	0.015	0.067	0.067	0.067	0.067
Residential				100	100	1	1	1	100	1	1	0.33	14	100	100	0.5	100	100	100
Industrial				1000	1000	11	1.1	11	1000	110	110	1.1	1000	1000	1000	11	1000	1000	1000
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**																
Samples in the Fenced Areas (Industrial SCOs)																			
MSA-B014	MSA-B014	0-0.17	6/24/2020	0.099	1	2.4	2.6	2.7	1.7	0.87	2.4	0.55	0.15J	2.3	0.23	1.5	0.9	0.87	3.7
MSA-B015	MSA-B015	0-0.17	6/24/2020	0.13	0.56	1.4	1.6	2	1.3	0.77	1.6	0.38	0.1J	2.3	0.16	1.2	0.26	1.1	2.5
MSA-B016	MSA-B016	0-0.17	6/24/2020	0.091	0.21	0.54	0.55	0.66	0.41	0.27	0.54	0.17	0.086J	0.89	0.086	0.39	0.16	0.6	0.88
MSA-B017	MSA-B017	0-0.17	6/24/2020	0.34J	2.1	6.7	7.8	9.2	6.5	3.6	6.9	1.8	0.18J	9.1	0.52	5.6	0.38	3.5	11
MSA-B002-051620	MSA-B002	0-0.17	5/16/2020	0.031J	0.14	0.52	0.63	0.74	0.51	0.25	0.54	0.18	<0.018U	0.63	0.037J	0.44	0.029J	0.17	0.78
MSA-B003-051620	MSA-B003	0-0.17	5/16/2020	0.086	0.66	1.8	2	2.7	1.9	0.88	2.2	0.47	0.05J	3.1	0.15	1.6	0.11	1.4	3.3
MSA-B004-051620	MSA-B004	0-0.17	5/16/2020	<0.022U	0.052J	0.16	0.21	0.24	0.17	0.1	0.19	0.1	<0.017U	0.22	<0.015U	0.15	0.027J	0.083	0.24
MSA-B005-051720 (DUP-1)	MSA-B005	0-0.17	5/16/2020	<0.045UJ	0.22	0.54J	0.64	0.78	0.66	0.29	0.59J	0.27	<0.034UJ	0.81J	0.054J	0.58	0.066J	0.28J	0.81J
MSA-B005-051720	MSA-B005	0-0.17	5/17/2020	0.065J	0.34	1J	0.96	1.1	0.74	0.45	1.1J	0.24	0.056J	2J	0.13J	0.68	0.066J	1.4J	2J
MSA-B006-051620	MSA-B006	0-0.17	5/16/2020	0.03J	0.16	0.36	0.35	0.37	0.25	0.14	0.38	0.13	0.058J	0.41	0.047J	0.22	0.13	0.34	0.45
MSA-B007-051620	MSA-B007	0-0.17	5/16/2020	<0.023U	<0.021U	0.05J	0.051J	0.064J	0.047J	0.029J	0.056J	<0.052U	<0.018U	0.071J	<0.016U	0.046J	0.025J	0.057J	0.07J
MSA-B009-051620	MSA-B009	0-0.17	5/16/2020	0.078J	0.61	4.4	4.8	5.4	3.5	2.3	4	1.1	0.083J	6.1	0.12J	3.4	0.26	1	6.2
MSA-B010-051620	MSA-B010	0-0.17	5/16/2020	0.044J	0.25	0.78	0.92	1.1	0.79	0.42	0.86	0.26	0.049J	1.1	0.068J	0.75	0.16	0.4	1.1
Samples outside the Fenced Areas (Residential SCOs)																			
MSA-B001-051620	MSA-B001	0-0.17	5/16/2020	0.19	1.8	6.3J	7.6J	8.8J	6.2J	3.5J	6.8J	1.5	0.12J	7.9J	0.34	5.5J	0.37	2.1	9.5J
MSA-B018	MSA-B018	0-0.17	6/24/2020	0.032J	0.32	0.93	1.1	1.3	0.97	0.54	1	0.27	0.019J	1.1	0.053J	0.82	0.069J	0.24	1.4
MSA-B020	MSA-B020	0-0.17	6/24/2020	0.046J	0.38	0.83	0.93	1.1	0.8	0.4	0.95	0.25	0.049J	1.2	0.084	0.67	0.23	0.54	1.5
MSA-B021	MSA-B021	0-0.17	6/24/2020	0.083	0.64	1.6	1.7	1.8	1.2	0.67	1.4	0.38	0.092J	2	0.16	1.1	0.79	0.91	2.2
MSA-B022	MSA-B022	0-0.17	6/24/2020	2.5	5.2	7.4	6.4	6.6	3.7	2.7	5.6	1.1	1.9	16	2.6	3.6	5.8	16	12
MSA-B023	MSA-B023	0-0.17	6/24/2020	0.54J	2.8	6.9	7.8	8.8	6.9	3.4	7.3	2.2	0.27J	10	0.7J	6.5	0.91	4.6	12
MSA-B024	MSA-B024	0-0.17	6/24/2020	0.48	2.9	8	10	12	9	4.4	8.6	2.3	0.14J	11	0.58	7.4	0.53	3.8J	13
STI-B004-060120	STI-B004	0.5-0.5	6/1/2020	2.8J	12	170	170	250	110	77	140	34	<1.1U	190	3J	110	6.8	17	260
STI-B005-060120 (DUP-3)	STI-B005	0.5-0.5	6/1/2020	0.7	2.8J	21J	21J	26	14J	12J	17J	4.1	0.44J	26J	0.8	14J	0.67	7.9J	32J
STI-B005-060120	STI-B005	0.5-0.5	6/1/2020	0.46	1.6J	11J	12J	16	8.2J	5.5J	9.6J	2.5	0.25J	14J	0.46	7.8J	0.4	3.5J	18J
STI-B006-060120	STI-B006	0.5-0.5	6/1/2020	<0.019U	0.048J	0.35	0.41	0.54	0.28	0.2	0.34	0.065J	0.018J	0.43	0.016J	0.26	0.06J	0.1	0.54
STI-B007-060120	STI-B007	0.5-0.5	6/1/2020	2.9	6.8	17	15	19	10	7.7	15	3	1.7J	29	3.1	9.4	1.8	20	30
STI-B008-060220	STI-B008	0.5-0.5	6/2/2020	0.11	0.36	0.78	0.8	0.98	0.56	0.28	0.78	0.2	0.093J	1.2	0.12	0.52	0.18	0.78	1.2
STI-S001A-052220	STI-S001	0-0.5	5/22/2020	100	170	240	190	230	93	100	200	33	77	500	110	93	100	510	380
STI-S001B-052220	STI-S001	0.5-1	5/22/2020	0.82	1.6	2.7	2.2	2.8	1.2	1.2	2.5	0.39	0.61	5.7	0.86	1.2	0.74	5.1	4.6
STI-S003A-052220	STI-S003	0-0.5	5/22/2020	110	180	230	180	210	88	86	180	30	84	490	120	87	110	520	360
STI-S003B-052220	STI-S003	0.5-1	5/22/2020	5.2	9.3	14	11	14	5.9	5.4	12	1.9	3.6	27	5.4	5.7	3.5	24	21
STI-S004A-052220	STI-S004	0-0.5	5/22/2020	73	130	170	130	150	63	66	140	23	56	370	82	65	65	370	270
STI-S004B-052220	STI-S004	0.5-1	5/22/2020	27	51	78	60	69	32	30	66	11	19	160	30	32	21	150	120
STI-S005A-052220	STI-S005	0-0.5	5/22/2020	210	360	470	340	410	170	160	380	63	170	950	230	170	210	980	660
STI-S005B-052220	STI-S005	0.5-1	5/22/2020	13 - 14	21 - 23	33	25 - 27	31 - 33	14 - 16	10 - 13	27 - 29	4.4 - 5.4	9 - 9.7	53 - 74	14	14 - 16	12 - 13	46 - 78	42 - 55
STI-S006A-052220	STI-S006	0-0.5	5/22/2020	64	110	160	120	140	58	56	130	21	51	340	73	61	59	340	240
STI-S006B-052220	STI-S006	0.5-1	5/22/2020	0.61	1.2	1.9	1.5	1.7	0.82	0.79	1.6	0.27	0.39	3.9	0.65	0.81	0.42	3.5	3.1
STI-S007A-052720	STI-S007	0-0.5	5/27/2020	4.5	11	23	21	24	13	10	21	3.4	2.6J	40	4.2	13	2.3	29	33
STI-S007B-052820	STI-S007	0.5-1	5/28/2020	0.95	2.1	4.1	3.5	4	2.2	1.8	3.6	0.6	0.55J	7J	0.81	2.1	0.42	5.7	5.6
STI-S008A-052720	STI-S008	0-0.5	5/27/2020	22	45	63	49	52	26	27	52	8	18	120	24	27	20	130	87
STI-S008B-052820	STI-S008	0.5-1	5/28/2020	9.2	18	27	21	24	12	10	23	4	7.4	51	9.5	12	8.1	53	39
STI-S011-060120	STI-S011	0-0.5	6/1/2020	4.3	12	35	33	39	20	15	32	6.7	2.2J	60	4.2	20	1.8	36	52
STI-S012-060120	STI-S012	0-0.5	6/1/2020	1.6J	9.1	130	160	180	82	77	110	26	1.1J	130	1.9J	91	3.3	11	150
STI-S013-060120	STI-S013	0-0.5	6/1/2020	2.9	9.9	110	100	130	52	60	89	16	2.1J	140	2.4	53	6.2	23	160
STI-S014-060120	STI-S014	0-0.5	6/1/2020	0.28J	1.6	25	31	38	18	12	21	5.5	0.24J	22	0.37J	18	1.6	1.4	27
STI-S015-060120 (DUP-2)	STI-S015	0-0.5	6/1/2020	3.8J	8.2J	16J	15J	17J	8J	7J	13J	2.5J	2.3J	38J	3.6J	8.6J	2.5J	31J	26J
STI-S015-060120	STI-S015	0-0.5	6/1/2020	9.5J	20J	44J	38J	42J	20J	20J	35J	5.5J	5.3J	97J	8.8J	21J	6.3J	70J	72J
STI-S016-060120	STI-S016	0-0.5	6/1/2020	1.7	14	95	170	210	110	70	93	31	1.3J	140	2.9	110	3.4	27	150
STI-S017-060120	STI-S017	0-0.5	6/1/2020	0.66	4.8	27	27	30	15	13	22	4.5	0.41J	46	0.88	16	0.45	16	38
STI-S018-060120	STI-S018	0-0.5	6/1/2020	0.13	0.75	2.6	2.7	4	2.3	1.6	3.1	0.57	0.11J	4.6	0.21	1.9	0.2	2.5	5.6
STI-S019-060120	STI-S019	0-0.5	6/1/2020	0.66J	2.5	8.2	7.7	11	5.8	4.8	8.8	1.6	0.41J	15	0.99J	5	0.35J	7.8	16
STI-S020-060120	STI-S020	0-0.5	6/1/2020	6.8	13	23	18	25	11	6.7	18	3.5	4.8	38	7.2	11	5.4	36	38
STI-S021-060220	STI-S021	0-0.5	6/2/2020	0.093	0.83	3.3	3.5	4.7	3	1.5	3.4	0.76	0.061J	4.4	0.19	2.4	0.16	1.7	6.1
STI-S022-060220	STI-S022	0-0.5	6/2/2020	0.03J	0.17	0.58	0.71	1	0.66	0.28	0.63	0.15	0.017J	0.72	0.038J	0.51	0.056J	0.21	0.96
STI-S023-060220	STI-S023	0-0.5	6/2/2020	0.076	0.35	1.5	1.5	2	1.2	0.71	1.4	0.32	0.061J	2.1	0.097	1.1	0.12	0.82	2.5
STI-S024-060220	STI-S024	0-0.5	6/2/2020	0.035J	0.23	0.86	1.1	1.4	0.91	0.4	0.95	0.22	0.02J	0.97	0.051J	0.72	0.067J	0.26	1.4
STI-S025-060220 (DUP-4)	STI-S025	0-0.5	6/2/2020	0.026J	0.22	0.36J	0.45J	0.51J	0.37J	0.16J	0.39J	0.16	0.081J	0.29J	0.052J	0.32J	0.31	0.27J	0.36J
STI-S025-060220	STI-S025	0-0.5	6/2/2020	0.05J	0.43	1.1J	1.3J	1.6J	1.2J	0.55J	1.2J	0.3	0.074J	1.3J	0.088J	0.92J	0.29	0.48J	1.8J
STI-S026-060220	STI-S026	0-0.5	6/2/2020	0.26	2.6	8.2	9.2	13	8.4	2.9	8.2	2.2	0.21J	9.7	0.63	6.8	0.46	3.5	13

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

MSA

Proposed Sample Location

Proposed Sample Location – Sample & Hold

Excavation Limit

Excavation Limit

40 20 0 40 Feet

SVOCs – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
an affiliate of Geosyntec Consultants

Columbia, Maryland | March 2021

Figure 2C-2

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2C2 - STCC Site Characterization_Sampling_Plan_SVOCs_0-0.5_107.mxd 3/23/2021 3:36:42 PM

				SVOCs						
				Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-c,d)pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.073	0.073	0.073	0.073	0.073	0.052	0.073
Industrial				11	1.1	11	110	110	1.1	11
Residential				1	1	1	1	1	0.33	0.5
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**							
Samples in the Fenced Area (Industrial SCOs)										
MSA-B005-051720 (DUP-1)	MSA-B005	0-0.17	5/16/2020	0.54J	0.64	0.78	0.29	0.59J	0.27	0.58
MSA-B002-051620	MSA-B002	0-0.17	5/16/2020	0.52	0.63	0.74	0.25	0.54	0.18	0.44
MSA-B003-051620	MSA-B003	0-0.17	5/16/2020	1.8	2	2.7	0.88	2.2	0.47	1.6
MSA-B004-051620	MSA-B004	0-0.17	5/16/2020	0.16	0.21	0.24	0.1	0.19	0.1	0.15
MSA-B005-051720	MSA-B005	0-0.17	5/17/2020	1J	0.96	1.1	0.45	1.1J	0.24	0.68
MSA-B006-051620	MSA-B006	0-0.17	5/16/2020	0.36	0.35	0.37	0.14	0.38	0.13	0.22
MSA-B007-051620	MSA-B007	0-0.17	5/16/2020	0.05J	0.051J	0.064J	0.029J	0.056J	<0.052U	0.046J
MSA-B008-051620	MSA-B008	0-0.17	5/16/2020	0.17	0.15	0.2	0.069J	0.31	0.12	0.1
MSA-B010-051620	MSA-B010	0-0.17	5/16/2020	0.78	0.92	1.1	0.42	0.86	0.26	0.75
MSA-B011-051620	MSA-B011	0-0.17	5/16/2020	0.91	1.1	1.2	0.43	1	0.3	0.86
MSA-B012-051620	MSA-B012	0-0.17	5/16/2020	0.67	0.76	0.95	0.36	0.72	0.29	0.67
MSA-B013	MSA-B013	0-0.17	6/24/2020	0.73	0.9	0.99	0.35	0.79	0.23	0.57
MSA-B014	MSA-B014	0-0.17	6/24/2020	2.4	2.6	2.7	0.87	2.4	0.55	1.5
MSA-B015	MSA-B015	0-0.17	6/24/2020	1.4	1.6	2	0.77	1.6	0.38	1.2
MSA-B016	MSA-B016	0-0.17	6/24/2020	0.54	0.55	0.66	0.27	0.54	0.17	0.39
MSA-B017	MSA-B017	0-0.17	6/24/2020	6.7	7.8	9.2	3.6	6.9	1.8	5.6
Samples outside the Fenced Area (Residential SCOs)										
MSA-B001-051620	MSA-B001	0-0.17	5/16/2020	6.3J	7.6J	8.8J	3.5J	6.8J	1.5	5.5J
MSA-B009-051620	MSA-B009	0-0.17	5/16/2020	4.4	4.8	5.4	2.3	4	1.1	3.4
STI-B009-060220	STI-B009	0.5-0.5	6/2/2020	0.89	1	1.3	0.51	1	0.23	0.76
STI-S023-060220	STI-S023	0-0.5	6/2/2020	1.5	1.5	2	0.71	1.4	0.32	1.1
STI-S024-060220	STI-S024	0-0.5	6/2/2020	0.86	1.1	1.4	0.4	0.95	0.22	0.72
MSA-B019	MSA-B019	0-0.17	6/24/2020	0.36	0.47	0.48	0.21	0.43	0.15	0.31
MSA-B020	MSA-B020	0-0.17	6/24/2020	0.83	0.93	1.1	0.4	0.95	0.25	0.67
MSA-B021	MSA-B021	0-0.17	6/24/2020	1.6	1.7	1.8	0.67	1.4	0.38	1.1
MSA-B022	MSA-B022	0-0.17	6/24/2020	7.4	6.4	6.6	2.7	5.6	1.1	3.6
MSA-B023	MSA-B023	0-0.17	6/24/2020	6.9	7.8	8.8	3.4	7.3	2.2	6.5

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

MSA | Proposed Sample Location | **Excavation Limit** | Excavation Limit

40 20 0 40 Feet

SVOCs – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
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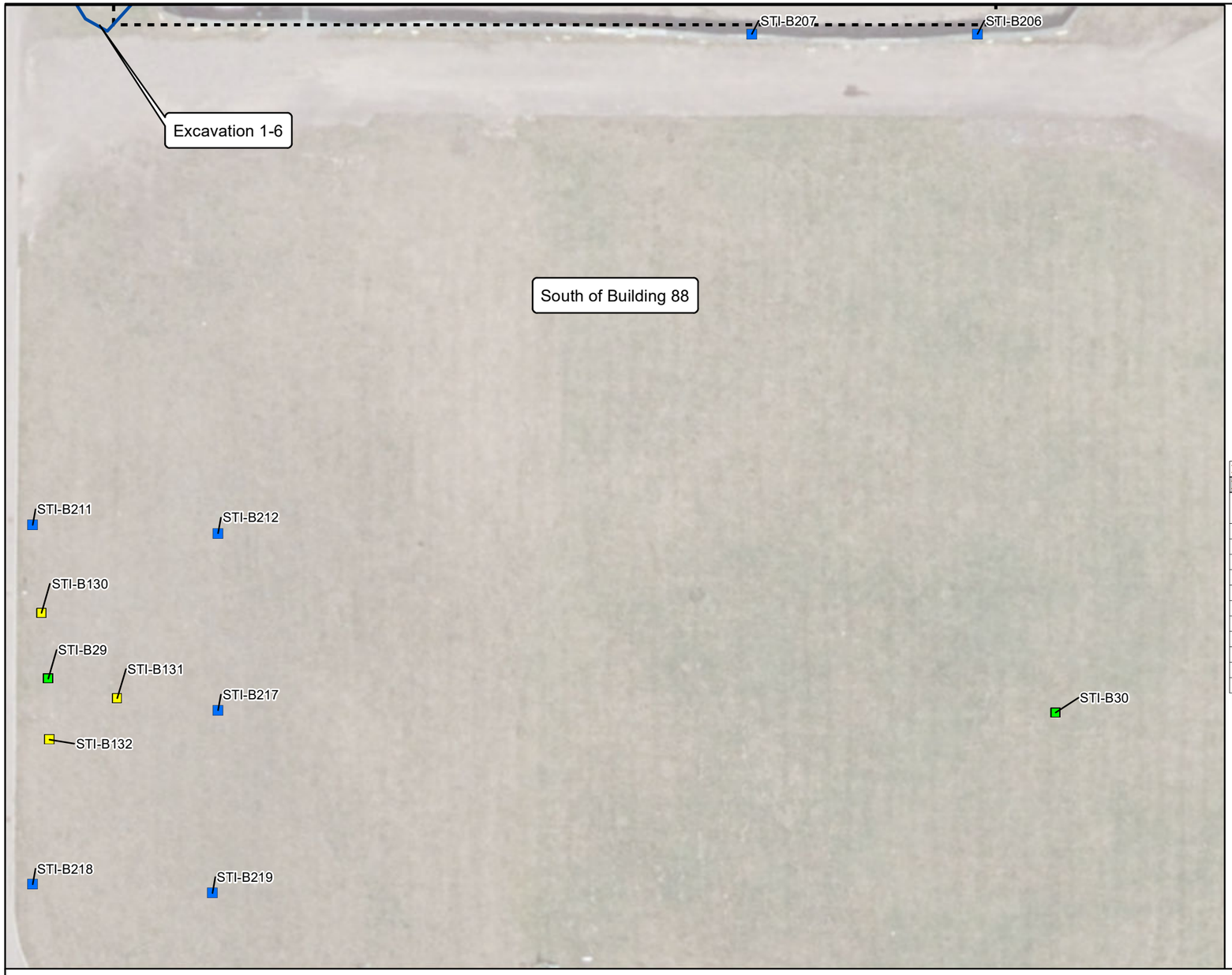
Columbia, Maryland | March 2021

Figure 2C-3

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 distortions 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 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2C3 - STCC Site Characterization_Sampling_Plan_SVOCs_0-0.5_107.mxd 3/23/2021 3:47:19 PM



N

				SVOCs						
				Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-c,d)pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.073	0.073	0.073	0.073	0.073	0.073	0.073
Residential				1	1	1	1	1	0.33	0.5
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**							
STI-B-130-SS-0-0.17	STI-B130	0-0.17	12/20/2019	8.7	10	12	4.5	8.7	2.5	7.5
STI-B-130-SUB-0.17-2	STI-B130	0.17-2	12/19/2019	2.6	3.2	3.8	1.5	2.8	0.52J	2.1
STI-B-131-SS-0-0.17	STI-B131	0-0.17	12/20/2019	1.9	1.8	2.2	0.88	1.8	0.59	1.2
STI-B-131-SUB-0.17-2	STI-B131	0.17-2	12/19/2019	1.6	1.9	2.4	0.77	1.8	0.47	1.4
STI-B-132-SS-0-0.17	STI-B132	0-0.17	12/20/2019	0.93	0.91	1.2	0.36	0.92	0.32	0.69
STI-B-132-SUB-0.17-2	STI-B132	0.17-2	12/19/2019	3.6J	4.6J	5.3J	2.2J	4.2J	1.1	3.9J
STI-B29-SS	STI-B29	0-0.17	10/23/2015	0.42	0.47	0.59	0.27	0.47	0.085	0.33
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	0.36	0.57	0.7	0.3	0.44	0.16	0.61
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	1.2	1.9	2.5	0.78	1.4	0.58J	1.9
STI-B30-SS	STI-B30	0-0.17	10/23/2015	0.39	0.41	0.54	0.19	0.48	0.1	0.27
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	0.56	0.56	0.66	0.26	0.65	0.15	0.35

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

MSA

Proposed Sample Location

Excavation Limit

Excavation Limit

40 20 0 40 Feet

SVOCs – South of Building 88 (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
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Columbia, Maryland | March 2021

Figure 2C-4

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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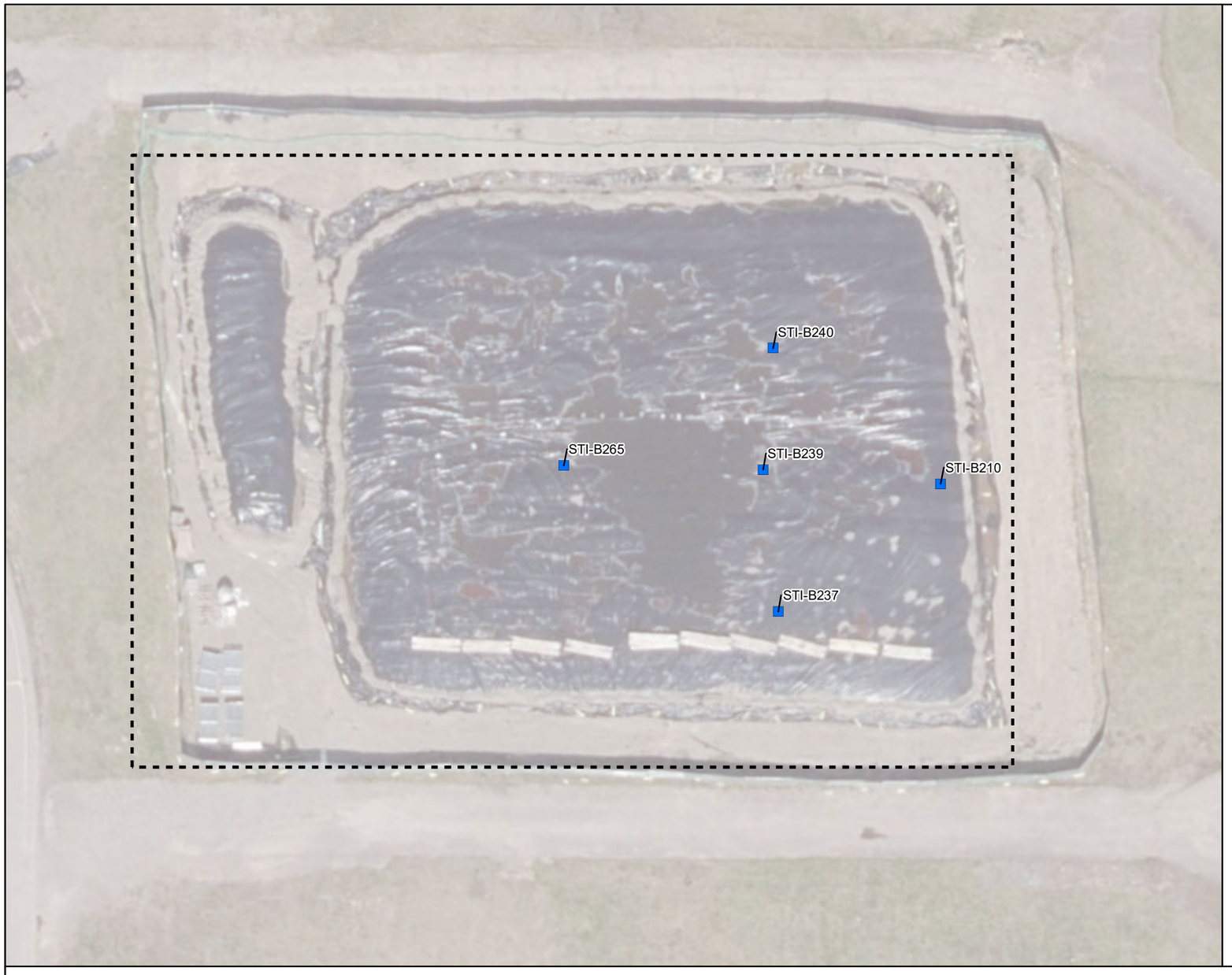
Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 2C4 - STCC Site Characterization_Sampling_Plan_SVOCs_0-0.5_107.mxd 3/23/2021 3:54:05 PM



N

Legend

Proposed Sample Location MSA

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

PCBs – South of Building 88 (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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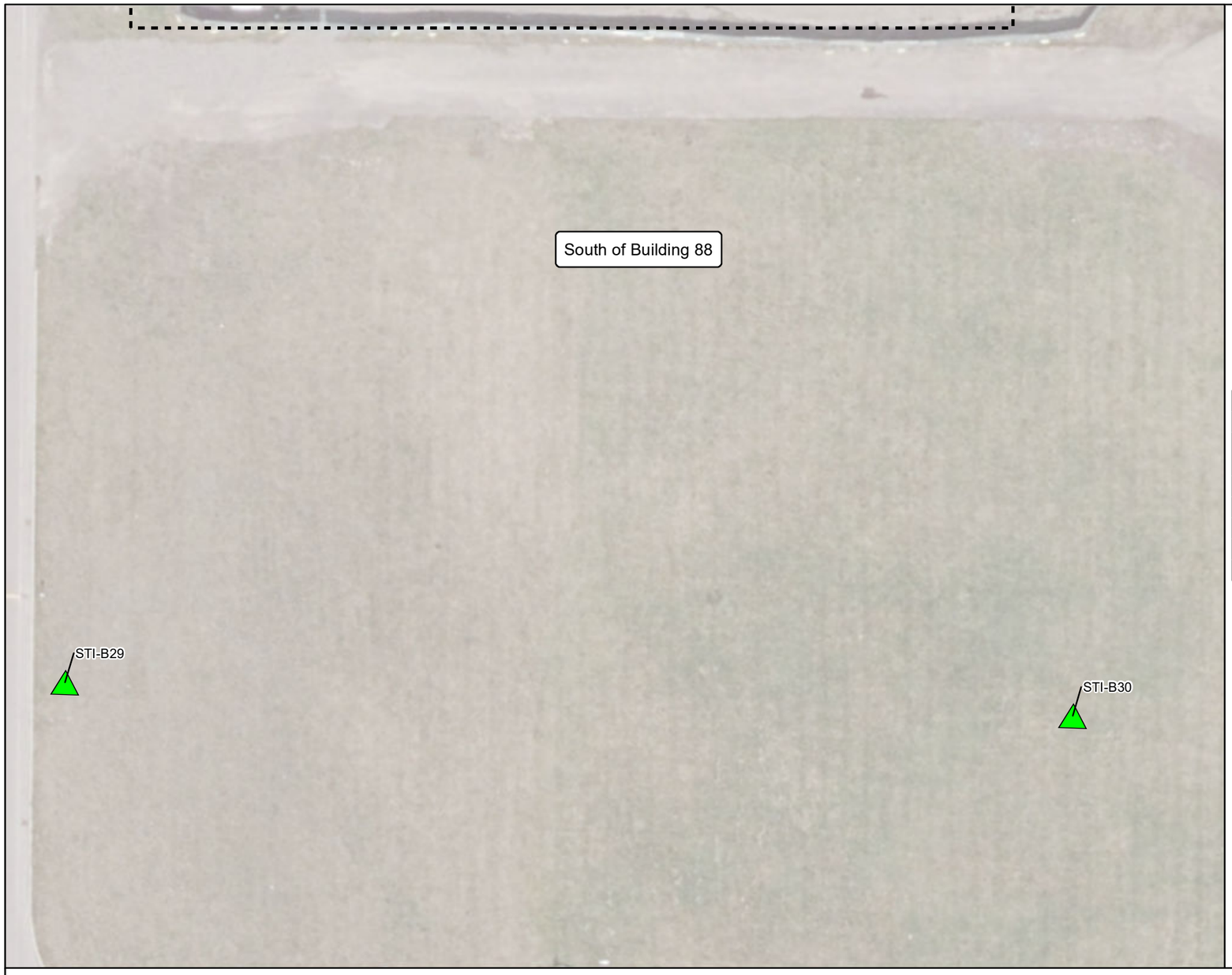
Figure 3A-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3A1 - STCC Site Characterization Sampling Plan_PCBs_0.5-1_107.mxd 3/23/2021 5:39:48 PM



	PCBs
	Total PCBs
	mg/kg
EQL	
Residential	1

Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date	
STI-B29-SS	STI-B29	0-0.17	10/23/2015	0.368
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	0.0353
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	0.042
STI-B30-SS	STI-B30	0-0.17	10/23/2015	0.008
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	0.0047

PCB Exceedances

MSA

Does Not Exceed Residential Screening Criteria

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

PCBs – South of Building 88 (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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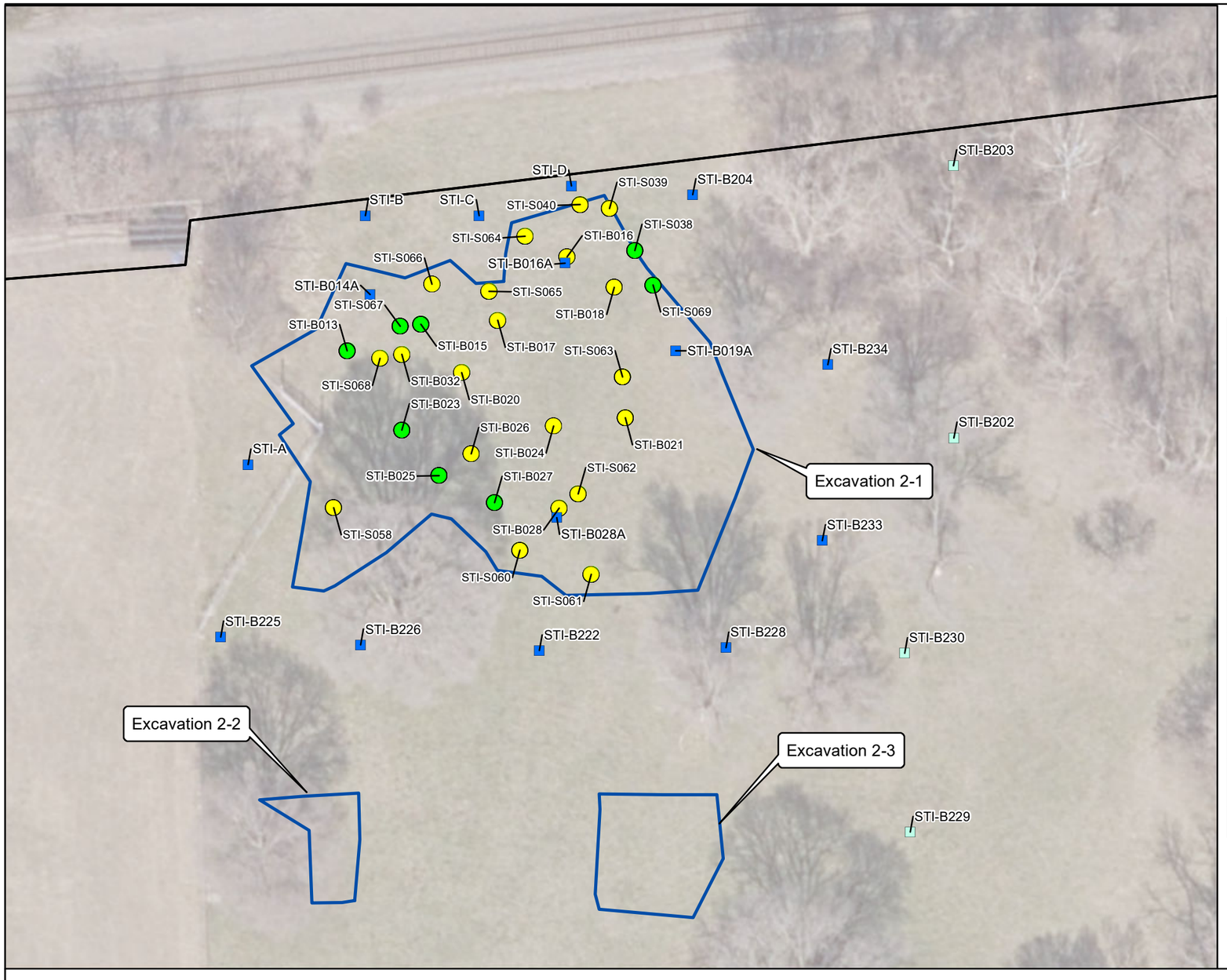
Figure 3A-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3A2 - STCC Site Characterization Sampling Plan_PCBs_0.5-1_107.mxd 3/23/2021 5:48:25 PM



	SVOCs							
	Arsenic	Barium	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.93	19	0.47	0.47	2.3	0.93	0.031	3.7
Residential	16	350	2.5	22	270	400	0.81	140

Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date						
STI-B013-060420	STI-B013	1-1	6/4/2020	16	100	0.13J	12	37	33	0.064	22
STI-B014-060420	STI-B014	0.5-0.5	6/4/2020	10	510	0.35J	41	240	160	0.16	89
STI-B016-060420	STI-B016	1-1	6/4/2020	11	2500	0.34J	26	99	230	0.13	72
STI-B017-060420	STI-B017	1-1	6/4/2020	7.3	390	0.19J	14	88J+	59J-	0.057	36
STI-B018-060420	STI-B018	1-1	6/4/2020	9.9	940	0.51J	48	300	180	0.12	75
STI-B020-060420	STI-B020	1-1	6/4/2020	7	500	0.28J	17	84	110	0.11	45
STI-B021-060420	STI-B021	1-1	6/4/2020	29	1400	2.9	150	240	270	1.2	270
STI-B023-060420	STI-B023	1-1	6/4/2020	7.6	110	0.14J	11	24	28	0.14	16
STI-B024-060420	STI-B024	1-1	6/4/2020	9.3	840	0.77	22	79	110	0.13	56
STI-B025-060420	STI-B025	1-1	6/4/2020	6.7	150	0.13J	9.1	17	63	0.57J	9.4
STI-B025-060420 (DUP-10)	STI-B025	1-1	6/4/2020	7.8	120	0.12J	9.5	16	55	1J	11
STI-B026-060420	STI-B026	1-1	6/4/2020	8.9	940	0.38J	45	120	140	0.47	69
STI-B027-060420	STI-B027	1-1	6/4/2020	8.3	240	1.5	21	53	96	0.17	34
STI-B028-060420	STI-B028	1-1	6/4/2020	10	1800	0.6	38	180	300	0.23	100
STI-S038B-060520	STI-S038	0.5-1	6/5/2020	7.5	240	0.28J	15	85	38	0.098	23
STI-S039B-060520	STI-S039	0.5-1	6/5/2020	16	370	0.6	24	290	130	0.11	87
STI-S040B-060520	STI-S040	0.5-1	6/5/2020	35	16,000	1.1	30	150	140	0.093	110
STI-S058-060520	STI-S058	0.5-1	6/5/2020	24	870	2.1	160	290	220	0.69	130
STI-S060-060520	STI-S060	0.5-1	6/5/2020	17	750	3.4	71	740	420	0.23	120
STI-S061-060520	STI-S061	0.5-1	6/5/2020	8.1	180	0.39J	26	78	54	0.073	22
STI-S062-060520	STI-S062	0.5-1	6/5/2020	9.9	3300	0.56	33	170	260	0.19	89
STI-S063-060520	STI-S063	0.5-1	6/5/2020	24	1400	2.9	74	1100	260	0.82	160
STI-S064-060520	STI-S064	0.5-1	6/5/2020	18	76	0.13J	7.5	46	31	0.051	20
STI-S065-060520	STI-S065	0.5-1	6/5/2020	33	320	0.29J	18	120	120	0.077	36
STI-S065-060520 (DUP-8)	STI-S065	0.5-1	6/5/2020	35	280	0.28J	29	92	91	0.082	37
STI-S066-060520	STI-S066	0.5-1	6/5/2020	43	55	0.1J	6.3	33	13	0.16J+	13
STI-S067-060520	STI-S067	0.5-1	6/5/2020	9.2J-	62J-	0.12J	8.4J-	140J-	29J-	0.21J	16
STI-S068-060520	STI-S068	0.5-1	6/5/2020	44	210	0.21J	16	48	64	0.15	34
STI-S069-060520	STI-S069	0.5-1	6/5/2020	7.1	110	0.31J	11	40	45	0.19	19

Metals Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Sreening Criteria

Site Boundary

Proposed Sample Location

Proposed Sample Location – Sample & Hold

Excavation Limit

Excavation Limit

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

Metals – South of Building 88 (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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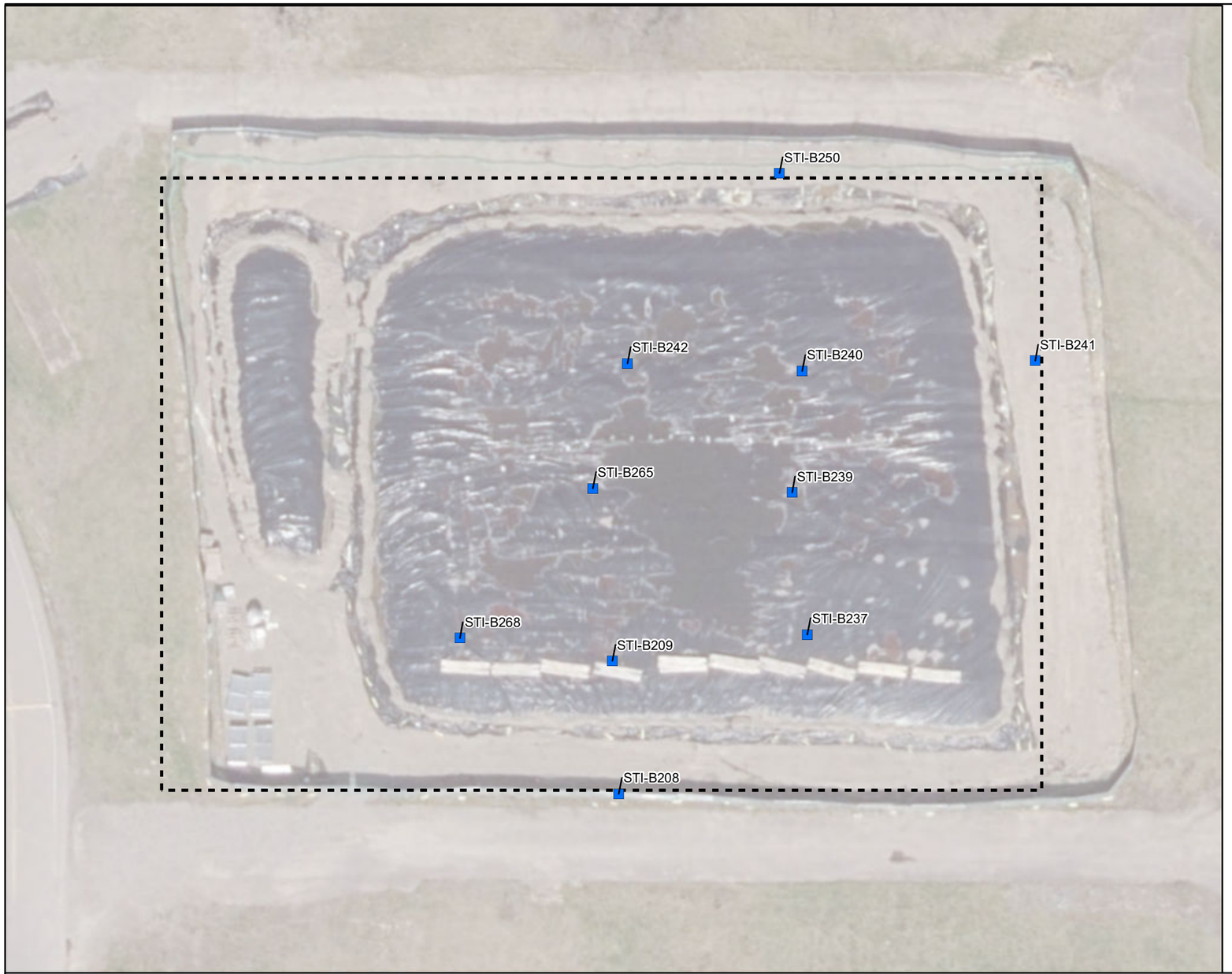
Columbia, Maryland | March 2021

Figure 3B-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3B1 - STCC Site Characterization_Sampling_Plan_Metals_0.5-1_107.mxd 3/24/2021 9:11:47 AM



Site Boundary MSA Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
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Metals – South of Building 88 (0.5-1 ft bgs)

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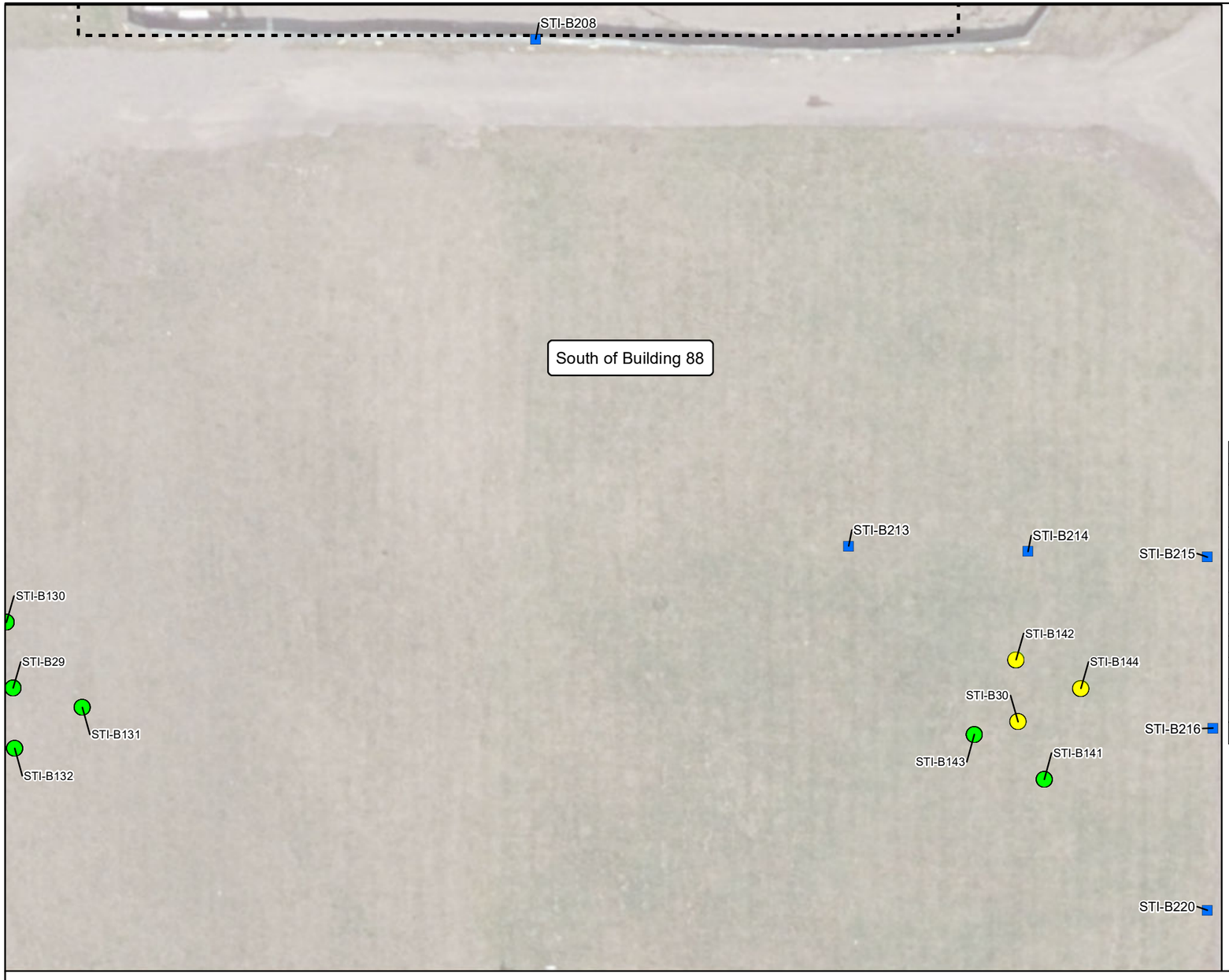
Figure 3B-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3B2 - STCC Site Characterization_Sampling_Plan_Metals_0.5-1_107.mxd 3/24/2021 9:14:18 AM



	Metals		
	Lead	Barium	Chromium (III+VI)
	mg/kg	mg/kg	mg/kg
EQL	1	20	0.51
Residential	400	350	22

Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date			
STI-B-130-SUB-0.17-2	STI-B130	0.17-2	12/19/2019	40	130	11
STI-B-131-SUB-0.17-2	STI-B131	0.17-2	12/19/2019	89	150	16
STI-B-132-SUB-0.17-2	STI-B132	0.17-2	12/19/2019	73	110	16
STI-B-141-SUB-0.17-2	STI-B141	0.17-2	12/18/2019	77	250	18
STI-B-142-SUB-0.17-2	STI-B142	0.17-2	12/18/2019	250	750	15
STI-B-143-SUB-0.17-2	STI-B143	0.17-2	12/18/2019	50	120	11
STI-B-144-SUB-0.17-2	STI-B144	0.17-2	12/18/2019	2000	880	16
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	22J	55	10B
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	40J	81	11B
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	400	410	51B

Metals Exceedances

Does Not Exceed Residential Sreening Criteria

Exceeds Residential Sreening Criteria

Site Boundary | MSA | Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer

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Metals – South of Building 88 (0.5-1 ft bgs)

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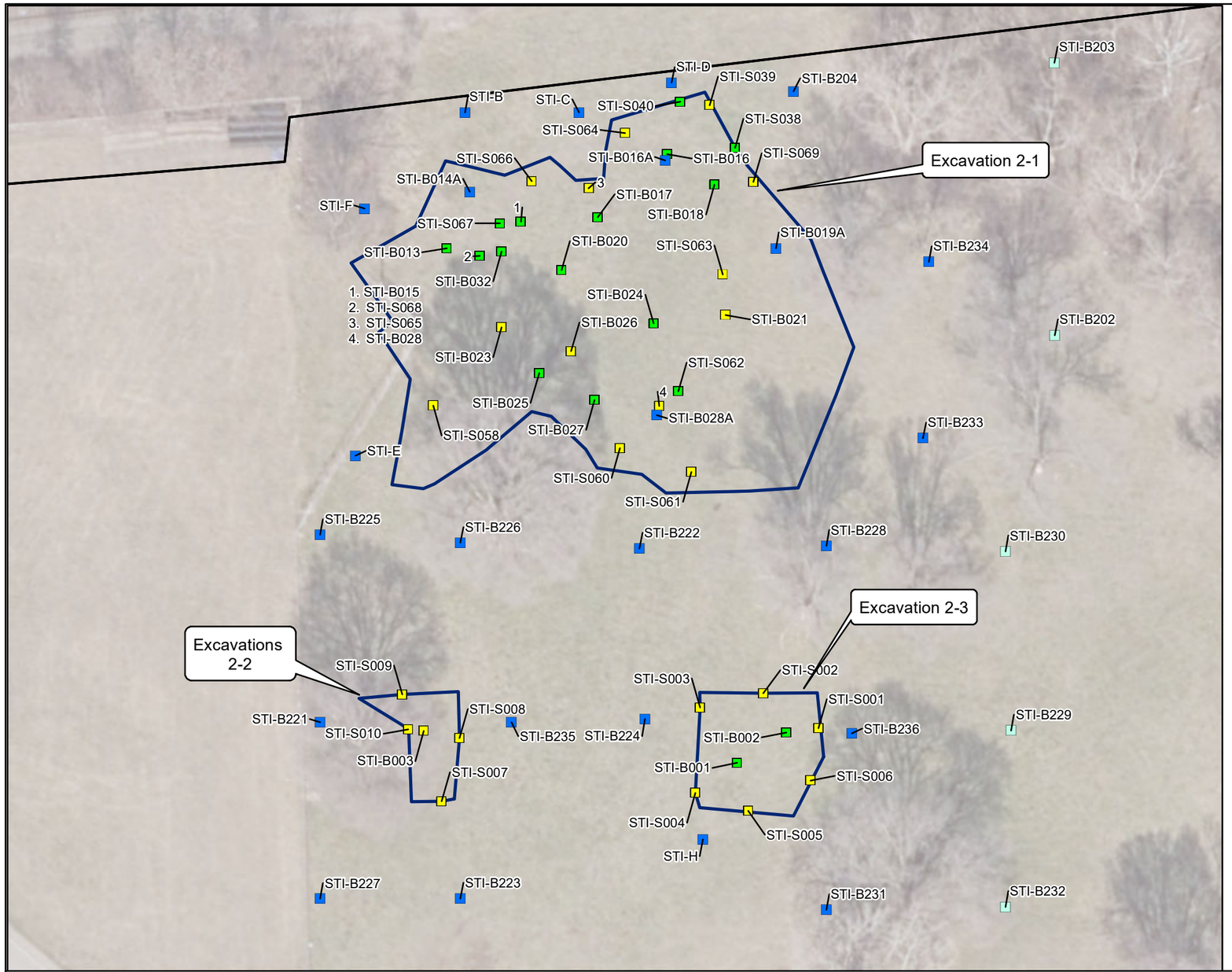
Figure 3B-3

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3B3 - STCC Site Characterization_Sampling_Plan_Metals_0.5-1_107.mxd 3/24/2021 9:26:39 AM



				SVOCs										
				Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.033	0.031	0.07	0.022	0.041	0.046	0.016	0.07	0.036	0.07	0.07
Residential				1	1	1	1	1	0.33	14	100	0.5	100	100
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**											
STI-B001-052220	STI-B001	1-1	5/22/2020	0.58	0.42	0.54	0.16	0.48	0.077	0.12J	1.3	0.22	1.2	0.88
STI-B002-052220	STI-B002	1-1	5/22/2020	0.34	0.28	0.38	0.11	0.3	0.057J	0.047J	0.67	0.15	0.54	0.53
STI-B003-052720	STI-B003	1-1	5/27/2020	6.4	5.3	5.6	2.9	5.5	0.92	1.4	12	2.9	12	9
STI-B013-060420	STI-B013	1-1	6/4/2020	0.083	0.079	0.1	0.041J	0.11	<0.048U	0.016J	0.16	0.044J	0.13	0.14
STI-B015-060420 (DUP-9)	STI-B015	1-1	6/4/2020	<0.033U	<0.032U	0.034J	<0.022U	<0.041UJ	<0.047U	<0.016U	0.037J	<0.036U	0.049J	0.035J
STI-B015-060420	STI-B015	1-1	6/4/2020	<0.033U	<0.031U	0.046J	<0.022U	0.045J	<0.046U	<0.016U	0.053J	<0.036U	0.051J	0.045J
STI-B016-060420	STI-B016	1-1	6/4/2020	0.26	0.23	0.31	0.1	0.32	<0.046U	0.053J	0.36	0.13	0.29	0.44
STI-B017-060420	STI-B017	1-1	6/4/2020	0.83	0.66	0.88	0.27	0.73	0.12	0.18J	1.5	0.37	1.6	1.4
STI-B018-060420	STI-B018	1-1	6/4/2020	0.32	0.25	0.35	0.13	0.37	0.064J	0.065J	0.52	0.16	0.51	0.54
STI-B020-060420	STI-B020	1-1	6/4/2020	0.32	0.26	0.31	0.12	0.29	0.061J	0.065J	0.57	0.16	0.58	0.55
STI-B021-060420	STI-B021	1-1	6/4/2020	0.94	0.78	1	0.42	0.98	0.19	0.22J	1.7	0.52	1.5	1.4
STI-B023-060420	STI-B023	1-1	6/4/2020	1.4	1.1	1.3	0.62	1.2	0.25	0.44	2.8	0.74	3.1	2.3
STI-B024-060420	STI-B024	1-1	6/4/2020	0.31	0.28	0.34	0.14J	0.33	<0.098U	0.068J	0.57	0.2	0.52	0.46
STI-B025-060420 (DUP-10)	STI-B025	1-1	6/4/2020	0.078	0.061J	0.087	0.037J	0.088	<0.049U	<0.017UJ	0.13	0.055J	0.12	0.11
STI-B025-060420	STI-B025	1-1	6/4/2020	0.08	0.065J	0.084	0.03J	0.08	<0.051U	0.017J	0.13	0.055J	0.14	0.12
STI-B026-060420	STI-B026	1-1	6/4/2020	1.5	1.2	1.5	0.47	1.3	0.27	0.32J	2.8	0.77	2.9	2.3
STI-B027-060420	STI-B027	1-1	6/4/2020	0.67	0.51	0.65	0.24	0.62	0.11	0.14J	1.2	0.34	1.2	1
STI-B028-060420	STI-B028	1-1	6/4/2020	6.4	4.9	5.5	2.3	5.5	1.1	1.1	10	3.1	8.7	8.6
STI-B032-060420	STI-B032	1-1	6/4/2020	0.18	0.13	0.17	0.06J	0.29	<0.051U	0.12J	0.21	0.08	0.46	0.17
STI-S001B-052220	STI-S001	0.5-1	5/22/2020	2.7	2.2	2.8	1.2	2.5	0.39	0.61	5.7	1.2	5.1	4.6
STI-S002B-052220	STI-S002	0.5-1	5/22/2020	1.8	1.6	1.8	0.9	1.6	0.29	0.32J	3.9	0.82	3.4	3
STI-S003B-052220	STI-S003	0.5-1	5/22/2020	14	11	14	5.4	12	1.9	3.6	27	5.7	24	21
STI-S004B-052220	STI-S004	0.5-1	5/22/2020	78	60	69	30	66	11	19	160	32	150	120
STI-S005B-052220	STI-S005	0.5-1	5/22/2020	33	25 - 27	31 - 33	10 - 13	27 - 29	4.4 - 5.4	9 - 9.7	53 - 74	14 - 16	46 - 78	42 - 55
STI-S006B-052220	STI-S006	0.5-1	5/22/2020	1.9	1.5	1.7	0.79	1.6	0.27	0.39	3.9	0.81	3.5	3.1
STI-S007B-052820	STI-S007	0.5-1	5/28/2020	4.1	3.5	4	1.8	3.6	0.6	0.55J	7J	2.1	5.7	5.6
STI-S008B-052820	STI-S008	0.5-1	5/28/2020	27	21	24	10	23	4	7.4	51	12	53	39
STI-S009B-052820	STI-S009	0.5-1	5/28/2020	3.2	2.4	2.8	1.3	2.7	0.44	0.81	6.2	1.4	6.6	4.3
STI-S010B-060120	STI-S010	0.5-1	6/1/2020	40	29	33	14	31	5.5	11	90	14	100	64
STI-S038B-060520	STI-S038	0.5-1	6/5/2020	0.54	0.42	0.47	0.26	0.51	0.078	0.19J	1.1	0.25	1.2	0.81
STI-S039B-060520	STI-S039	0.5-1	6/5/2020	6.3	5.1	6	2.4	5.4	0.94	1.6	13	3	12	8.6
STI-S040B-060520	STI-S040	0.5-1	6/5/2020	0.86	0.69	0.87	0.33	0.85	0.13	0.22J	1.8	0.43	1.7	1.3
STI-S058-060520	STI-S058	0.5-1	6/5/2020	0.93	0.89	1.1	0.38	0.94	0.19	0.15J	1.8	0.59	1.4	1.3
STI-S060-060520	STI-S060	0.5-1	6/5/2020	6	5.5	6.3	2.3	5.2	1.2	1.2	13	3.5	11	8.8
STI-S061-060520	STI-S061	0.5-1	6/5/2020	5	4.1	4.5	1.7	4	0.84	1.7	12	2.5	13	7.5
STI-S062-060520	STI-S062	0.5-1	6/5/2020	0.58	0.51	0.66	0.15	0.58	0.11	0.15J	1.1	0.33	1.1	0.86
STI-S063-060520	STI-S063	0.5-1	6/5/2020	0.91	0.79	0.99	0.45	0.93	<0.25U	0.14J	1.7	0.61	1.2	1.3
STI-S064-060520	STI-S064	0.5-1	6/5/2020	0.86	1.1	1.2	0.51	0.83	0.39	0.27J	1.2	0.89	1.5	0.89
STI-S065-060520 (DUP-8)	STI-S065	0.5-1	6/5/2020	2.5J	2.2J	2.5	0.92	2.1	0.46J	0.48J	4.8J	1.4J	4.5J	3.4J
STI-S065-060520	STI-S065	0.5-1	6/5/2020	1.4J	1.3J	1.6	0.56	1.3	0.27J	0.086J	2.5J	0.8J	1.2J	1.9J
STI-S066-060520	STI-S066	0.5-1	6/5/2020	4.3	3.2	3.9	1.9	3.3	0.42	1.7	8.7J	1.4	12J	7J
STI-S067-060520	STI-S067	0.5-1	6/5/2020	0.3	0.27	0.32	0.096	0.29	0.06J	0.09J	0.61	0.17	0.73	0.45
STI-S068-060520	STI-S068	0.5-1	6/5/2020	0.36	0.28	0.38	0.12	0.42	0.061J	0.093J	0.59	0.17	0.7	0.6
STI-S069-060520	STI-S069	0.5-1	6/5/2020	9.5 - 9.9	8 - 8.6	9.1 - 10	3.3 - 4.6	8 - 8.3	1.5 - 1.7	2.7 - 2.8	17 - 20	4.4 - 5	17 - 22	14 - 16

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

Site Boundary
Excavation Limit
Proposed Sample Location
Proposed Sample Location – Sample & Hold

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 distortions 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 06 April 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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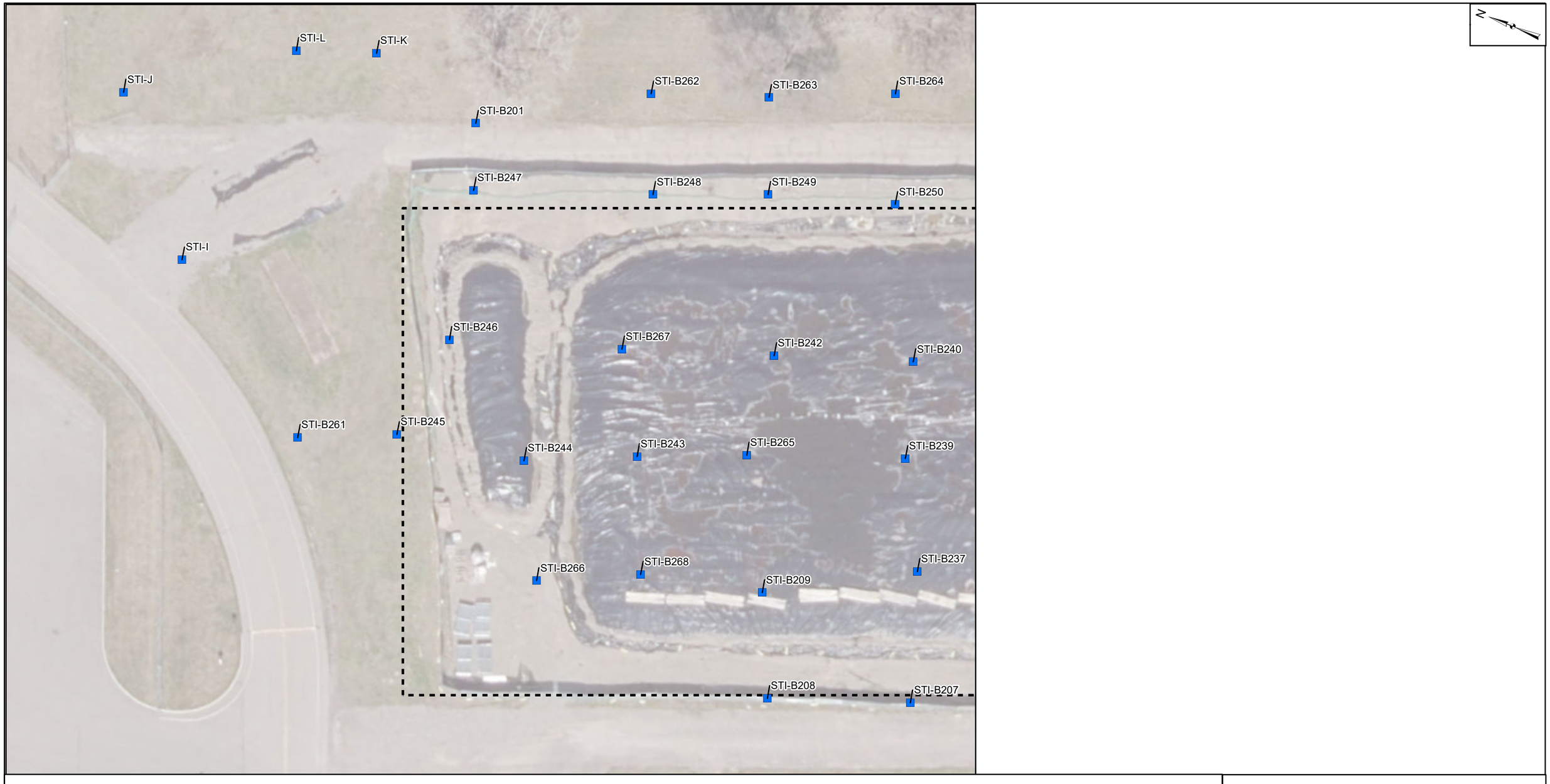
Figure 3C-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3C1 - STCC Site Characterization_Sampling_Plan_SVOCs_0.5-1_107.mxd 4/6/2021 9:04:45 AM



Site Boundary MSA Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (0.5-1 ft bgs)

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Figure 3C-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3C2 - STCC Site Characterization_Sampling_Plan_SVOCs_0.5-1_107.mxd 3/24/2021 12:17:10 PM

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Site Boundary MSA Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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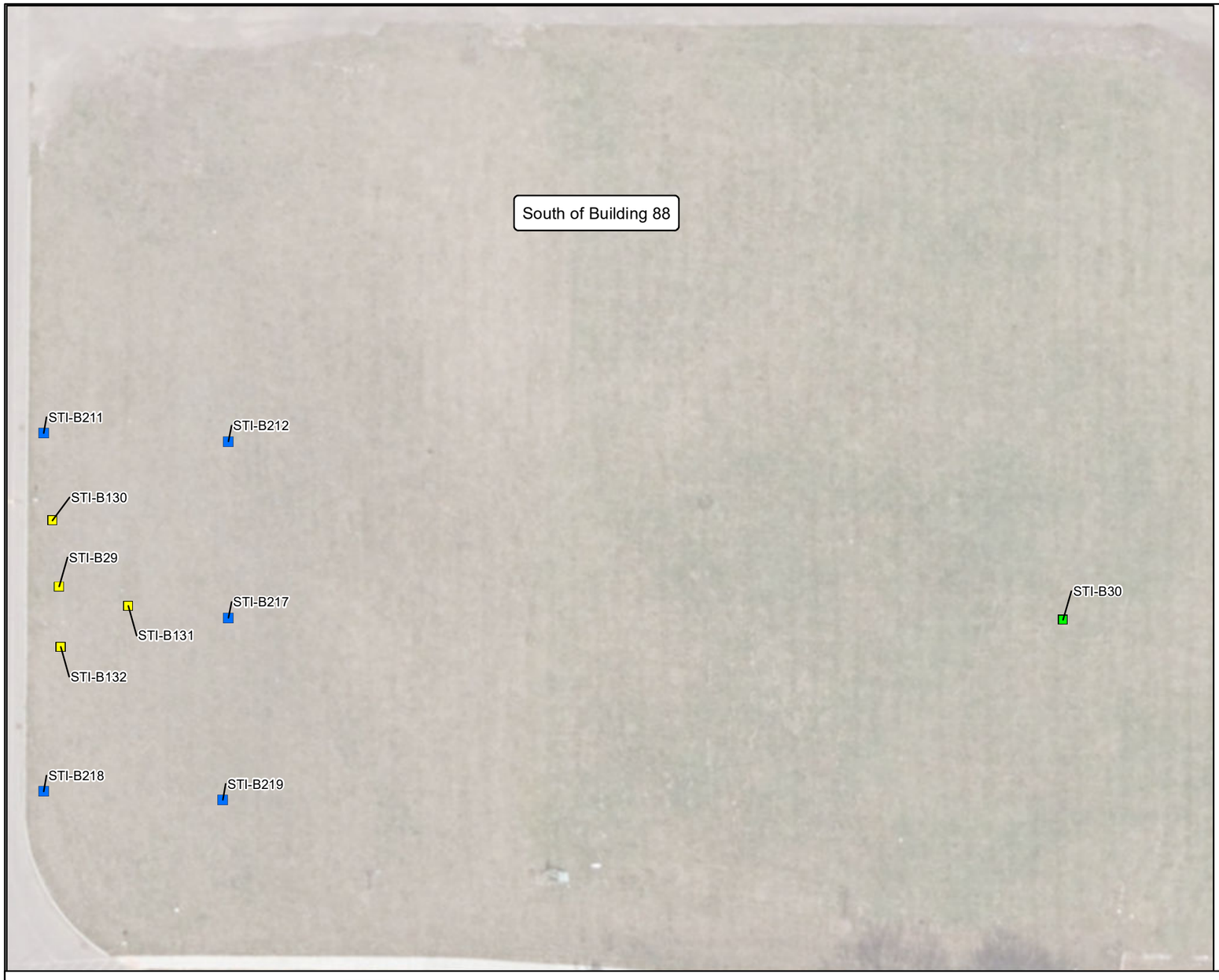
Figure 3C-3

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3C3 - STCC Site Characterization_Sampling_Plan_SVOCs_0.5-1_107.mxd 3/24/2021 12:20:40 PM



	SVOCs						
	Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-c,d)pyrene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.073	0.073	0.073	0.073	0.073	0.073	0.073
Residential	1	1	1	1	1	0.33	0.5

Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date						
STI-B-130-SUB-0.17-2	STI-B130	0.17-2	12/19/2019	2.6	3.2	3.8	1.5	2.8	0.52J	2.1
STI-B-131-SUB-0.17-2	STI-B131	0.17-2	12/19/2019	1.6	1.9	2.4	0.77	1.8	0.47	1.4
STI-B-132-SUB-0.17-2	STI-B132	0.17-2	12/19/2019	3.6J	4.6J	5.3J	2.2J	4.2J	1.1	3.9J
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	0.36	0.57	0.7	0.3	0.44	0.16	0.61
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	1.2	1.9	2.5	0.78	1.4	0.58J	1.9
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	0.56	0.56	0.66	0.26	0.65	0.15	0.35

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

Site Boundary

Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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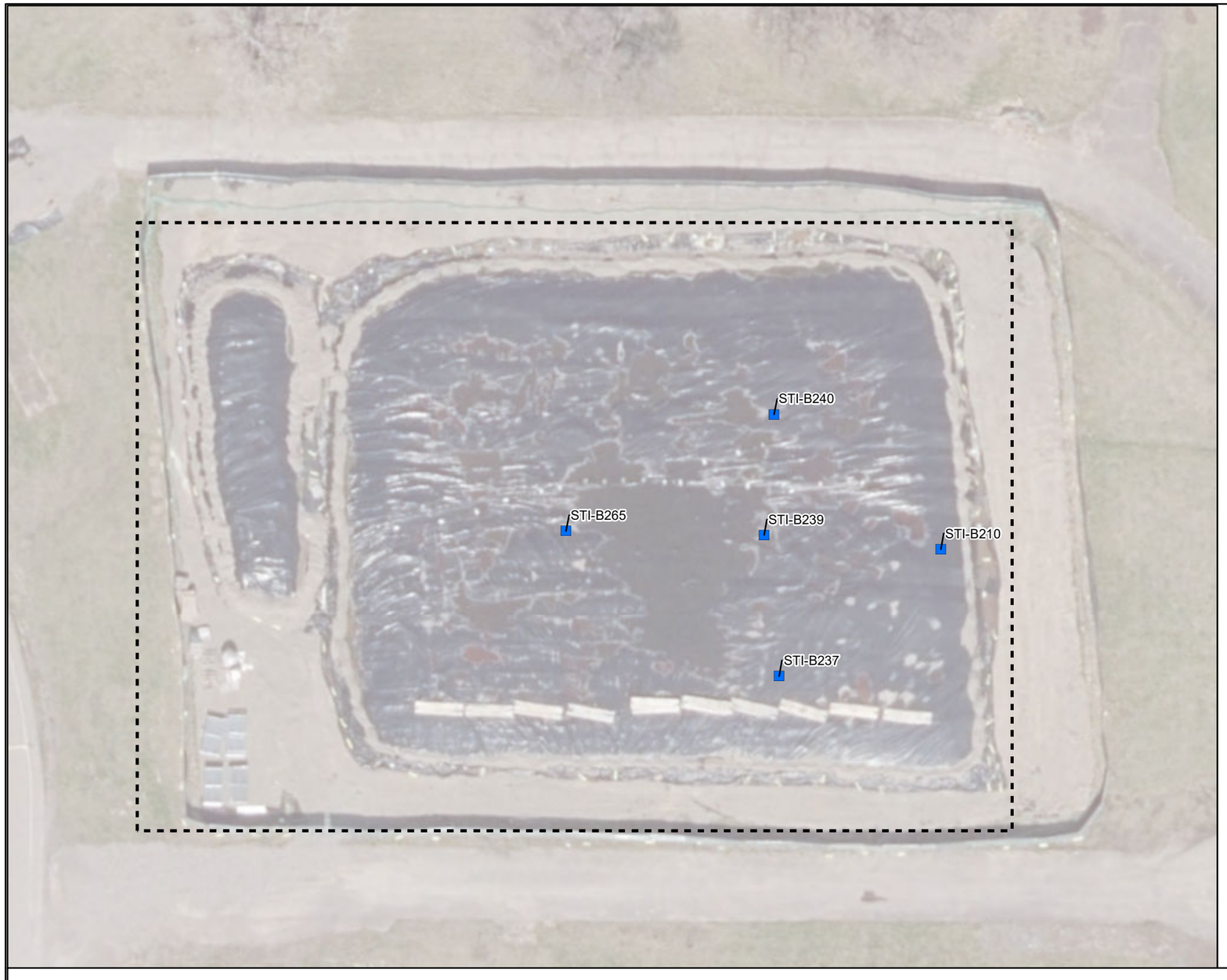
Figure 3C-4

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 3C4 - STCC Site Characterization_Sampling_Plan_SVOCs_0.5-1_107.mxd 3/24/2021 12:30:12 PM



N

PropertyParcels

Site Boundary

Proposed Sample Location

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

40 20 0 40 Feet

PCBs – South of Building 88 (1-2 ft bgs)

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Figure 4A-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4A-1 - STCC Site Characterization_Sampling_Plan_PCBs_1-2_new.mxd 3/24/2021 3:38:46 PM

				PCBs
				Total PCBs
				mg/kg
EQL				
Residential				1
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**	
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	0.0353
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	0.042
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	0.0047

PCB Exceedances

Does Not Exceed Residential Screening Criteria

PropertyParcels

Site Boundary

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

PCBs – South of Building 88 (1-2 ft bgs)

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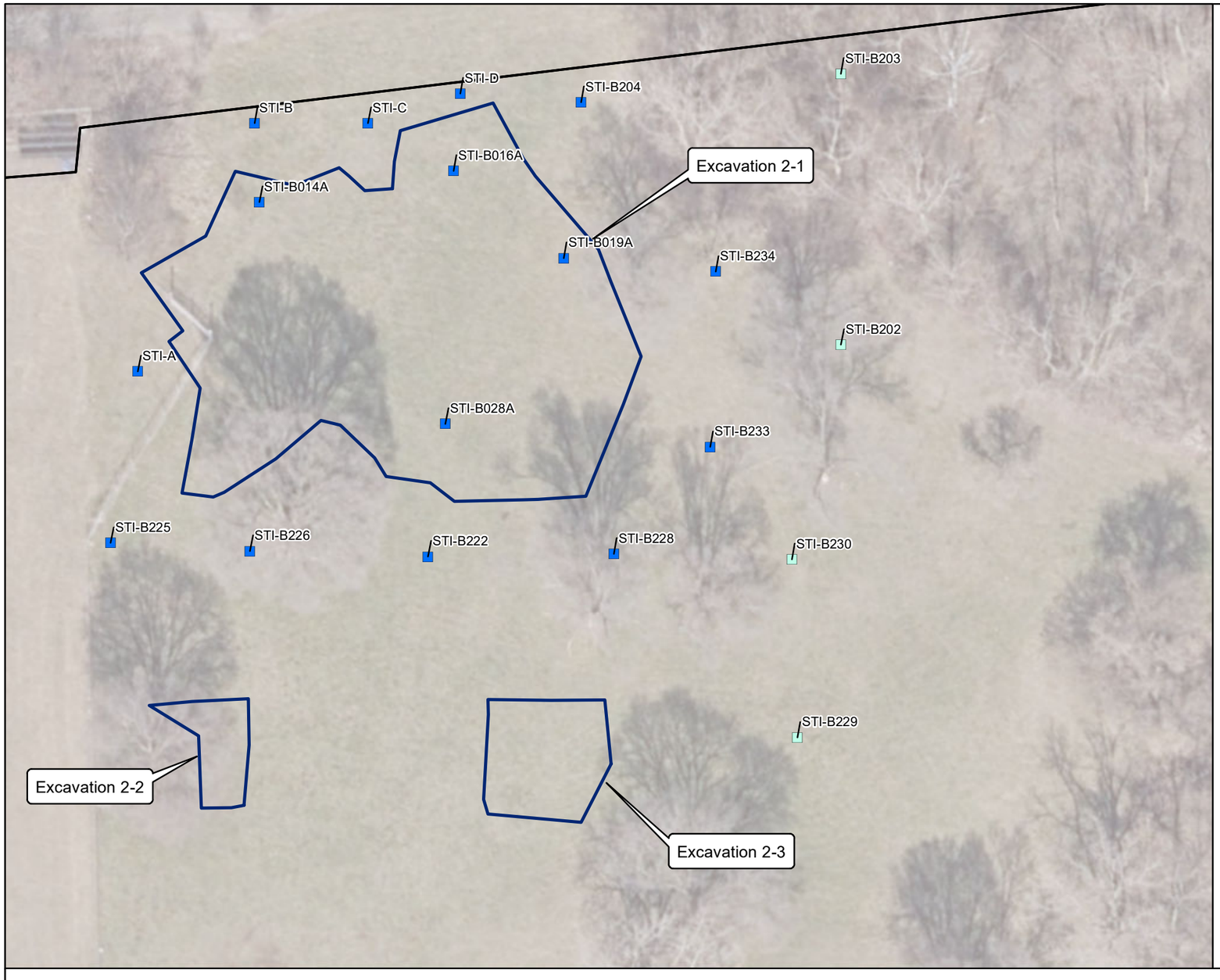
Figure 4A-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4A-2 - STCC Site Characterization_Sampling_Plan_PCBs_1-2_new.mxd 3/24/2021 3:57:07 PM



Site Boundary
Excavation Limit
Proposed Sample Location
Proposed Sample Location – Sample & Hold

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

Metals – South of Building 88 (1-2 ft bgs)

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Figure 4B-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4B-1 - STCC Site Characterization_Sampling_Plan_Metals_1-2_107.mxd 3/24/2021 6:52:21 PM

N

Site Boundary MSA Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 24 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

Metals – South of Building 88 (1-2 ft bgs)

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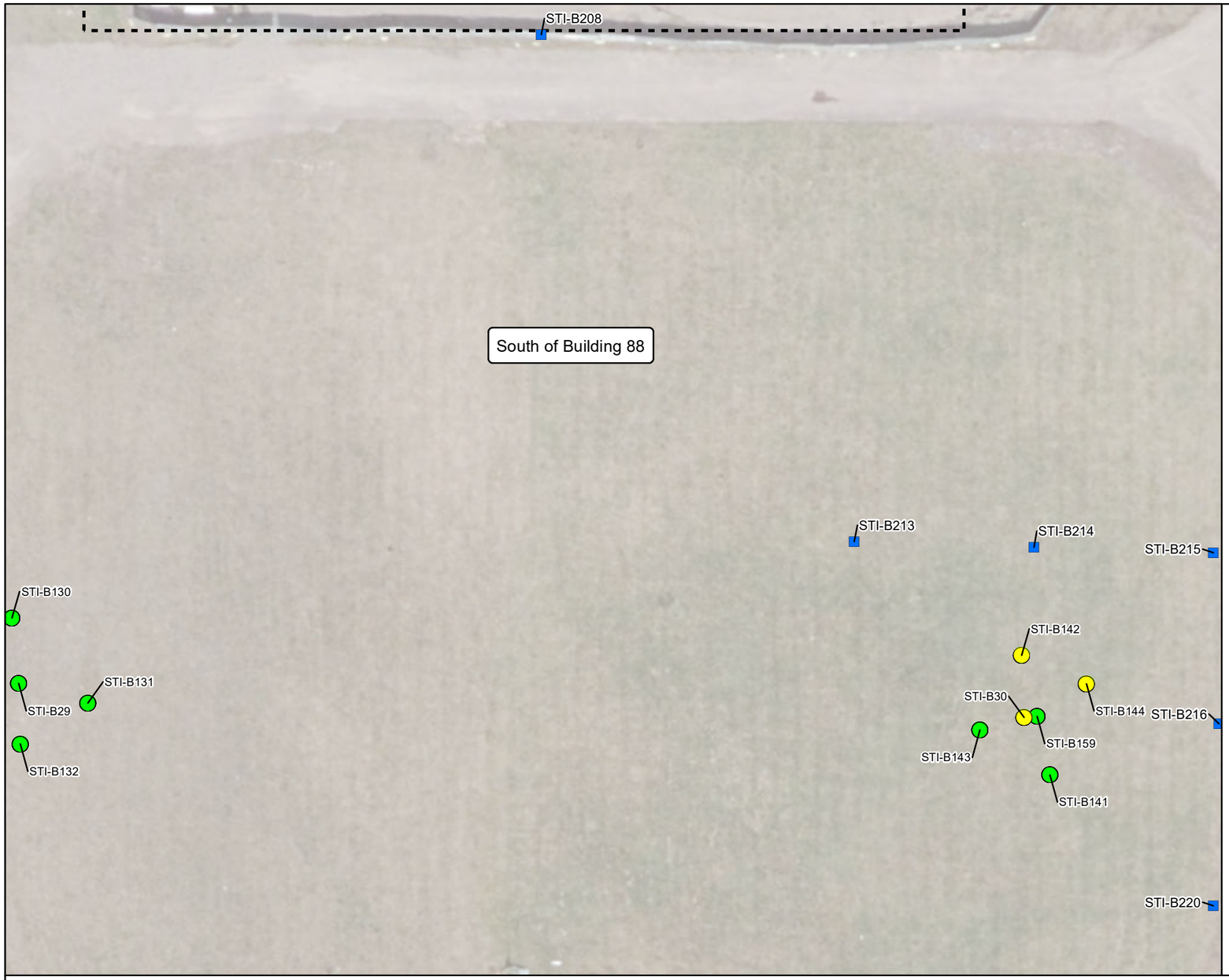
Figure 4B-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4B-2 - STCC Site Characterization_Sampling_Plan_Metals_1-2_107.mxd 3/24/2021 6:55:21 PM



	Metals			
	Arsenic	Barium	Chromium (III+VI)	Lead
	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	20	0.51	1
Residential	16	350	22	400

Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date				
STI-B-130-SUB-0.17-2	STI-B130	0.17-2	12/19/2019	8.2	130	11	40
STI-B-131-SUB-0.17-2	STI-B131	0.17-2	12/19/2019	6.6	150	16	89
STI-B-132-SUB-0.17-2	STI-B132	0.17-2	12/19/2019	8.8	110	16	73
STI-B-141-SUB-0.17-2	STI-B141	0.17-2	12/18/2019	8	250	18	77
STI-B-142-SUB-0.17-2	STI-B142	0.17-2	12/18/2019	9.9	750	15	250
STI-B-143-SUB-0.17-2	STI-B143	0.17-2	12/18/2019	7	120	11	50
STI-B-144-SUB-0.17-2	STI-B144	0.17-2	12/18/2019	8.4	880	16	2000
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	5.2	55	10B	22J
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	6.7	81	11B	40J
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	7.5	410	51B	400

Metals Exceedances

Site Boundary MSA Proposed Sample Location

Does Not Exceed Residential Sreening Criteria

Exceeds Residential Sreening Criteria

40 20 0 40 Feet

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STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

Metals – South of Building 88 (1-2 ft bgs)

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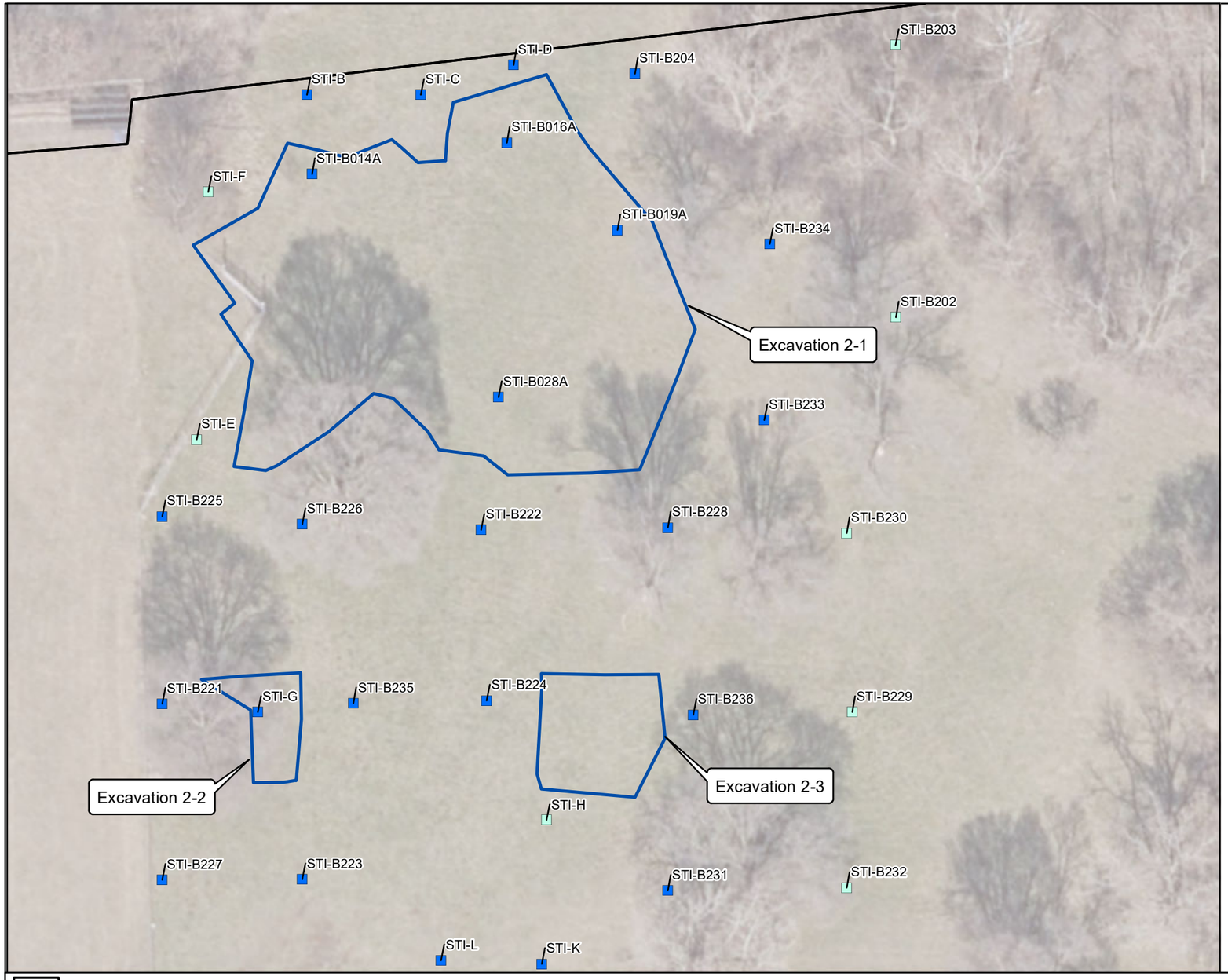
Figure 4B-3

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4B-3 - STCC Site Characterization_Sampling_Plan_Metals_1-2_107.mxd 3/24/2021 7:08:40 PM



N

Site Boundary

Proposed Sample Location

Proposed Sample Location – Sample & Hold

Excavation Limit

Excavation Limit

40 20 0 40 Feet

Notes and Disclaimer

Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 25 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (1-2 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
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Figure 4C-1

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4C1 - STCC Site Characterization_Sampling_Plan_SVOCs_1-2_107.mxd 3/25/2021 8:20:05 AM

N

Site Boundary
MSA
Proposed Sample Location
Proposed Sample Location – Sample & Hold

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 25 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (1-2 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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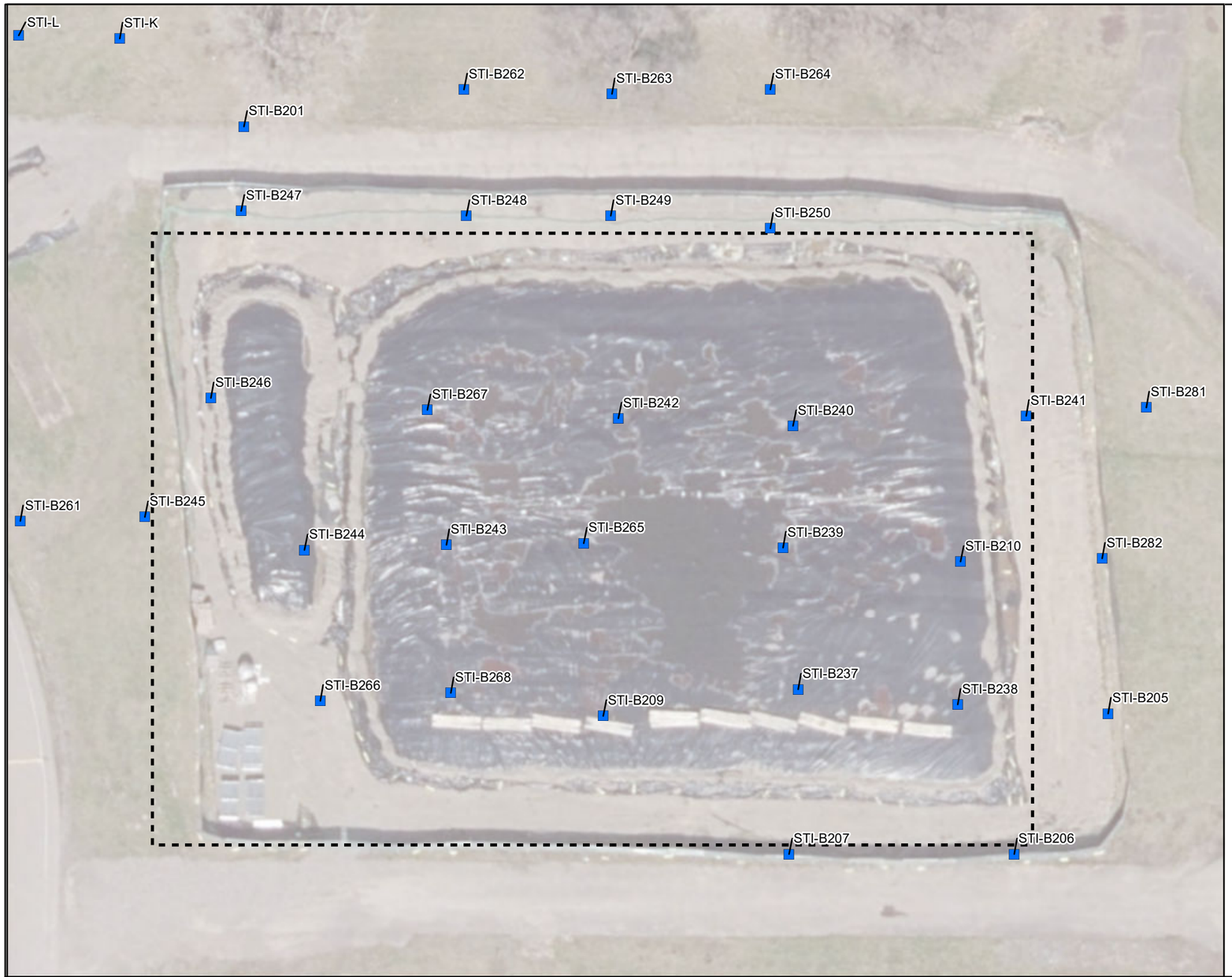
Figure 4C-2

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4C2 - STCC Site Characterization_Sampling_Plan_SVOCs_1-2_107.mxd 3/25/2021 8:23:14 AM



Site Boundary MSA

Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 25 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (1-2 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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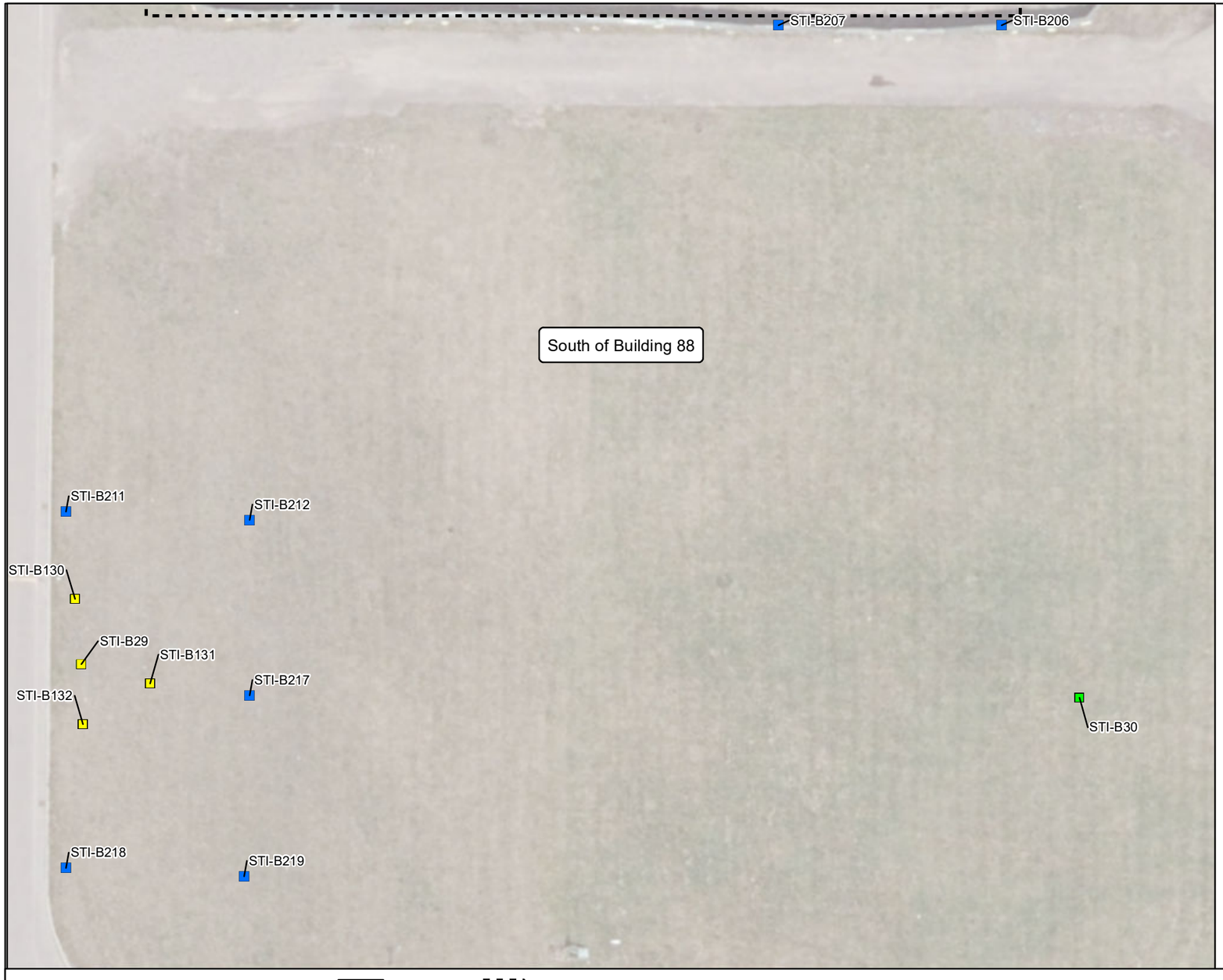
Figure 4C-3

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4C3 - STCC Site Characterization_Sampling_Plan_SVOCs_1-2_107.mxd 3/25/2021 8:28:10 AM



				SVOCs						
				Benz(a)anthracene	Benzo(a) pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-c,d)pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.073	0.073	0.073	0.073	0.073	0.073	0.073
Residential				1	1	1	1	1	0.33	0.5
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**							
STI-B-130-SUB-0.17-2	STI-B130	0.17-2	12/19/2019	2.6	3.2	3.8	1.5	2.8	0.52J	2.1
STI-B-131-SUB-0.17-2	STI-B131	0.17-2	12/19/2019	1.6	1.9	2.4	0.77	1.8	0.47	1.4
STI-B-132-SUB-0.17-2	STI-B132	0.17-2	12/19/2019	3.6J	4.6J	5.3J	2.2J	4.2J	1.1	3.9J
STI-B29-SUB-0.17-2	STI-B29	0.17-2	10/23/2015	0.36	0.57	0.7	0.3	0.44	0.16	0.61
STI-B29-SUB-0.17-2 (STI-FD#4)	STI-B29	0.17-2	10/23/2015	1.2	1.9	2.5	0.78	1.4	0.58J	1.9
STI-B30-SUB-0.17-2	STI-B30	0.17-2	10/23/2015	0.56	0.56	0.66	0.26	0.65	0.15	0.35

SVOC Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Screening Criteria

Site Boundary

MSA

Proposed Sample Location

40 20 0 40 Feet

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 25 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

SVOCs – South of Building 88 (1-2 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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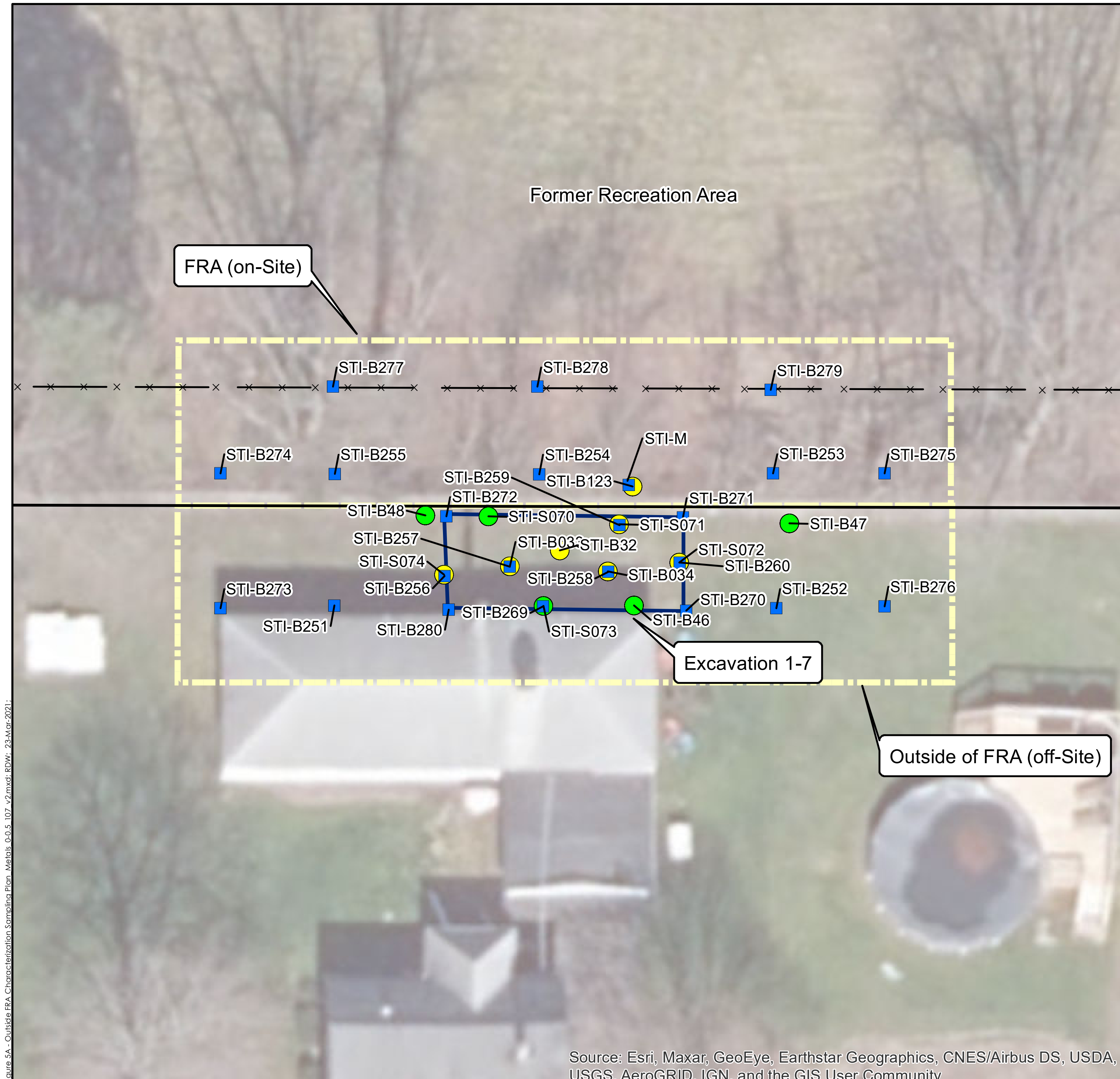
Figure 4C-4

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 4C4 - STCC Site Characterization_Sampling_Plan_SVOCs_1-2_107.mxd 3/25/2021 8:32:44 AM



Sample Name	Boring ID	Sample Depth (ft bgs)	Sample Date	Metals: Arsenic	Barium	Cadmium	Chromium (III+VI)	Lead	Zinc
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.93	19	0.47	0.47	0.93	1.9
Residential				16	350	2.5	22	400	2200
STI-B034-061720	STI-B034	0-0.5	6/17/2020	15	1300	2.7	28	4100	1600
STI-B-123-SS-0-0.17	STI-B123	0-0.17	12/21/2019	22	1400	2.1	38	3100	1800
STI-B32-SS	STI-B32	0-0.17	10/21/2015	10	210	1.1	24B	530	260
STI-B32-SUB-0.17-2	STI-B32	0.17-2	10/21/2015	7.3	160	0.35J	15B	160	130
STI-B33-SS	STI-B33	0-0.17	10/21/2015	7.6	170	0.26J	14B	34	120
STI-B33-SUB-0.17-2	STI-B33	0.17-2	10/21/2015	6.6	140	0.047J	14B	16	58
STI-B46-SS	STI-B46	0-0.17	9/9/2016	9.5	84	0.39J	12	330	160
STI-B46-SS (FD-6)	STI-B46	0.17-2	9/9/2016	8.3	68	0.24J	14	120	130
STI-B46-SUB-0.17-2	STI-B46	0.17-2	9/9/2016	8.9	65	0.21J	13	110	120
STI-B47-SS	STI-B47	0-0.17	9/9/2016	6.6	130	0.23J	12	94	82
STI-B47-SUB-0.17-2	STI-B47	0.17-2	9/9/2016	5.6	140	0.14J	12	38	65
STI-B48-SS	STI-B48	0-0.17	9/9/2016	7.7	190	0.54	13	320	220
STI-B48-SUB-0.17-2	STI-B48	0.17-2	9/9/2016	7	170	0.3J	13	130J+	120J+
STI-S070-061720	STI-S070	0-0.5	6/17/2020	9.4	200J-	1	15	330	200
STI-S071-061720	STI-S071	0-0.5	6/17/2020	13	380	1.4	20	880	500
STI-S072-061720	STI-S072	0-0.5	6/17/2020	14	2800	3.1	28	6300	2200
STI-S073-061720	STI-S073	0-0.5	6/17/2020	7.7	74	0.33J	9.8	140	180
STI-S074-061720	STI-S074	0-0.5	6/17/2020	7.5	1600	0.83	12	740	220

Legend

Metals Exceedances

- Does Not Exceed Residential Sreening Criteria
- Exceeds Residential Sreening Criteria
- Site Boundary
- FRA Fence
- Excavation Limit
- Proposed Sampling Location

Notes and Disclaimer
Screening criteria for the Site are Residential Soil Cleanup Objectives (6 NYCRR Part 375). See text for details.
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

0 10 20 40 Feet

Metals – Outside FRA (0-0.5 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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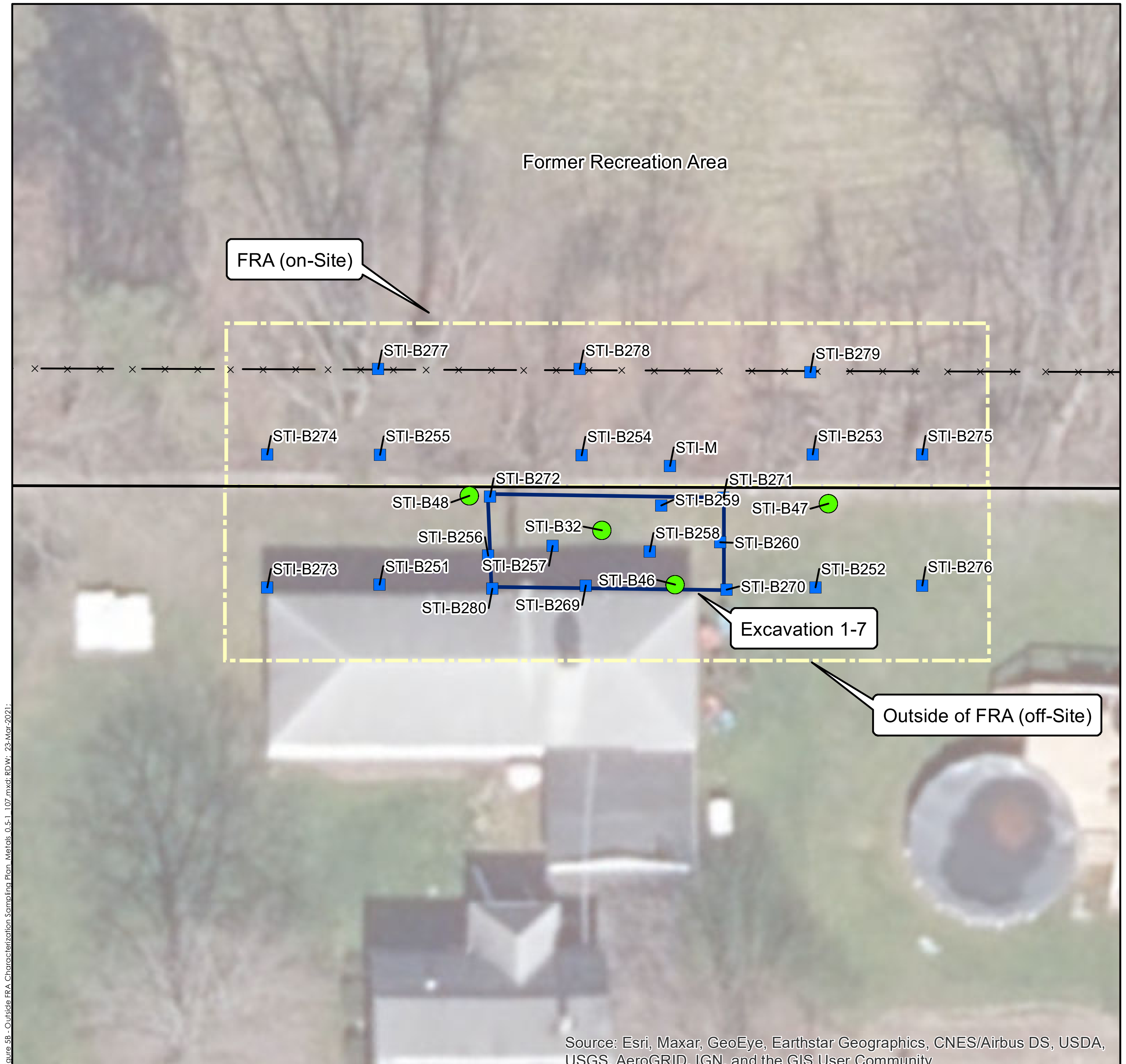
Columbia, Maryland | March 2021

Figure 5



				Metals	
				Chromium (III+VI)	Lead
				mg/kg	mg/kg
EQL				0.47	0.93
Residential				22	400
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**		
STI-B32-SUB-0.17-2	STI-B32	0.17-2	10/21/2015	15B	160
STI-B46-SUB-0.17-2	STI-B46	0.17-2	9/9/2016	13	110
STI-B46-SUB-0.17-2 (FD-6)	STI-B46	0.17-2	9/9/2016	14	120
STI-B47-SUB-0.17-2	STI-B47	0.17-2	9/9/2016	12	38
STI-B48-SUB-0.17-2	STI-B48	0.17-2	9/9/2016	13	130J+

Legend

Metals Exceedances

Does Not Exceed Residential Sreening Criteria

Site Boundary

FRA Fence

Excavation Limit

Proposed Sampling Location

20 10 0 20 Feet

Metals – Outside FRA (0.5-1 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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Columbia, Maryland

March 2021

Figure 6

Notes and Disclaimer

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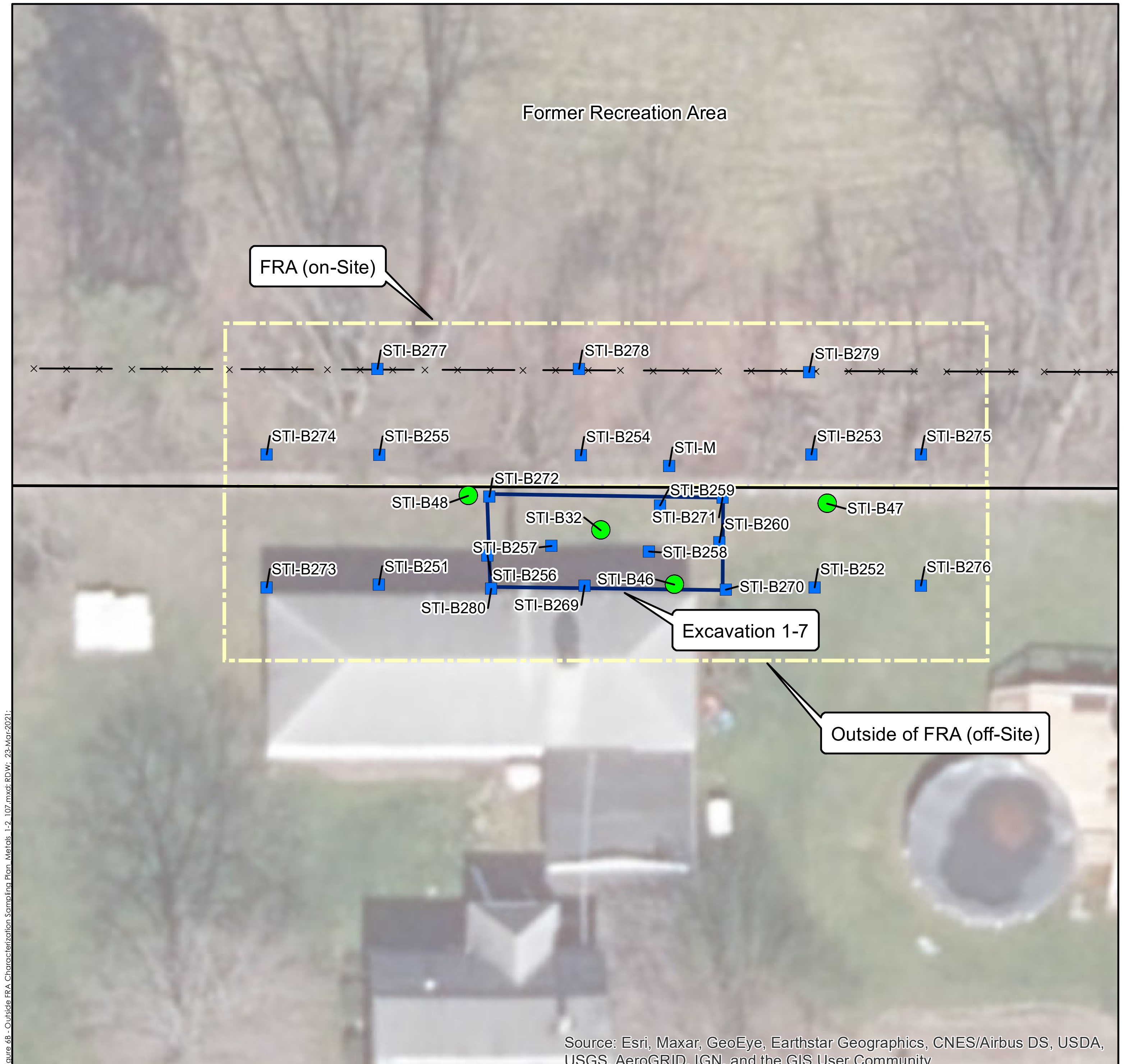
Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface



				Metals	
				Chromium (III+VI)	Lead
				mg/kg	mg/kg
EQL				0.47	0.93
Residential				22	400
Sample Name	**Boring ID**	**Sample Depth (ft bgs)**	**Sample Date**		
STI-B32-SUB-0.17-2	STI-B32	0.17-2	10/21/2015	15B	160
STI-B46-SUB-0.17-2	STI-B46	0.17-2	9/9/2016	13	110
STI-B46-SUB-0.17-2 (FD-6)	STI-B46	0.17-2	9/9/2016	14	120
STI-B47-SUB-0.17-2	STI-B47	0.17-2	9/9/2016	12	38
STI-B48-SUB-0.17-2	STI-B48	0.17-2	9/9/2016	13	130J+

Legend

Metals Exceedances

Does Not Exceed Residential Sreening Criteria

Site Boundary

FRA Fence

Excavation Limit

Proposed Sample Location

Notes and Disclaimer
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 23 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

20 10 0 20 Feet

Metals – Outside FRA
(1-2 ft bgs)

Former Scott Technologies Site #808049
Elmira, New York

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Figure 7

STI-B203
STI-D
STI-B204
STI-B
STI-C
Excavations 1-1 (-0.5 ft) and 2-1 (-1 ft)
STI-B014A
STI-B016A
STI-F
STI-B019A
STI-B234
STI-B202
STI-A
STI-B028A
STI-B233
STI-E
STI-B225
STI-B226
STI-B222
STI-B228
STI-B230
Excavations 1-3 and 2-3 (-1 ft)
STI-B221
STI-B235
STI-B224
STI-B236
STI-B229
STI-G
Excavations
1-2 and 2-2 (-1 ft)
STI-H
STI-B227
STI-B223
STI-B231
STI-B232
STI-L
STI-K
STI-B262
STI-B263
STI-B264
STI-J
STI-B201
Excavation
1-4 (-0.5 ft)
STI-B247
STI-B248
STI-B249
STI-B250
STI-I
STI-B246
STI-B267
STI-B242
STI-B240
STI-B241
STI-B281
Excavation 1-5 (-0.5 ft)
STI-B261
STI-B245
STI-B244
STI-B243
STI-B265
STI-B239
STI-B210
STI-B282
STI-B266
STI-B268
STI-B209
STI-B237
STI-B238
STI-B205
Excavation 1-6 (-0.5 ft)
STI-B208
STI-B207
STI-B206
South of Building 88
STI-B211
STI-B212
STI-B213
STI-B214
STI-B215
STI-B217
STI-B216
STI-B218
STI-B219
STI-B220

PropertyParcels
Site Boundary
FRA Fence

Proposed Sample Location
Proposed Sample Location – Sample & Hold

Excavation Limit
Excavation Limit
MSA

100 50 0 100 Feet

Notes and Disclaimer
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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 29 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

Sampling Plan – South of Building 88

Former Scott Technologies Site #808049
Elmira, New York

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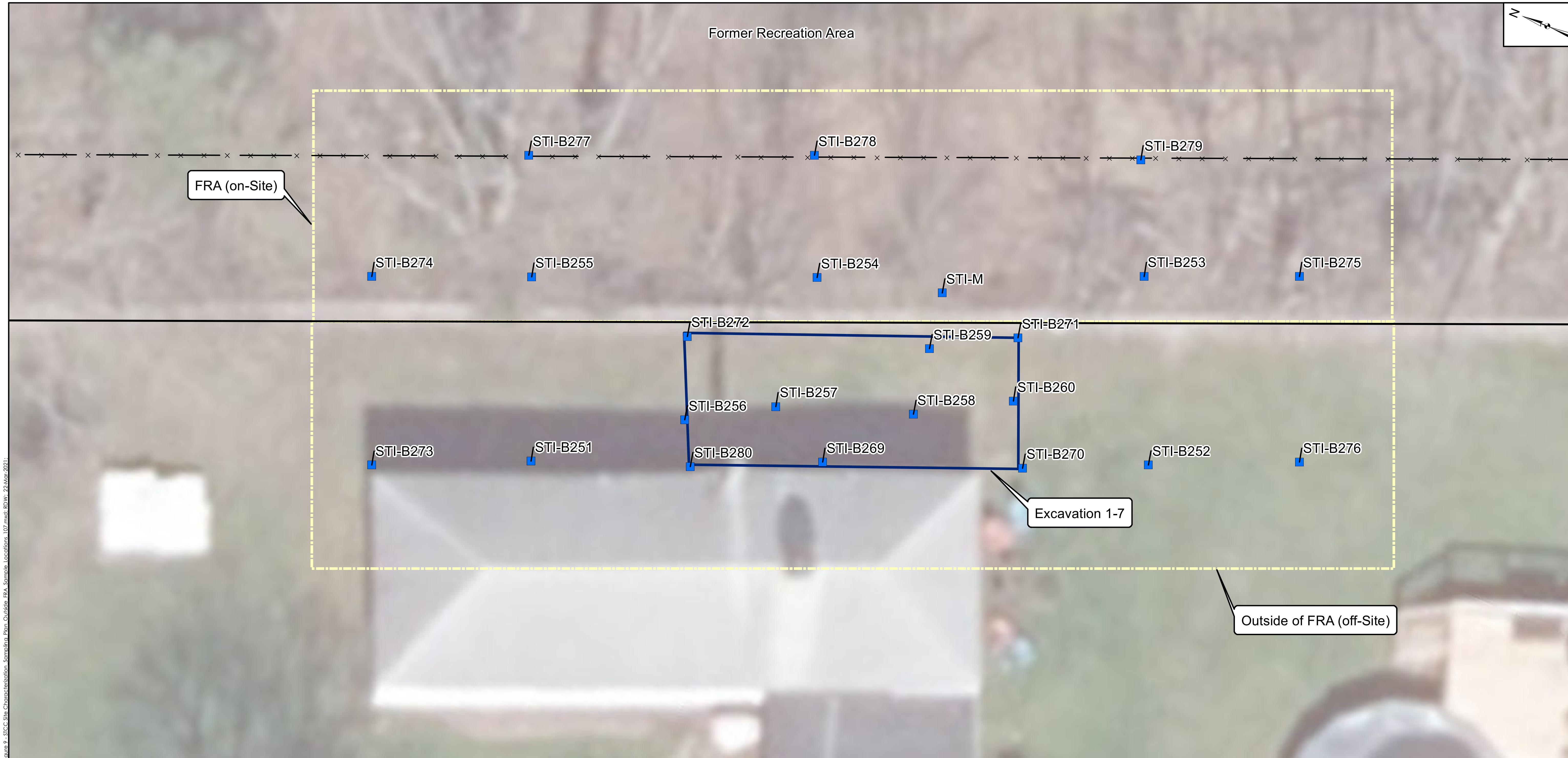
Figure 8

\\minneapolis-01\DATA\GIS\Elmira - MN0832\Maps\STI and FRA Report\STCC.gdb\Figure 8 - STCC Site Characterization_Sampling_Plan_STI_Sample_Locations_107.mxd 3/29/2021 7:19:24 PM



Legend

Site Boundary — Excavation Limit — Proposed Sample Location

FRA Fence

20 10 0 Feet

Sampling Plan – Outside FRA

Former Scott Technologies Site #808049
Elmira, New York

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Figure 9

Notes and Disclaimer

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Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 22 March 2021. Image is dated 2 June 2010.
STCC - Southern Tier Commerce Center FRA - Former Recreation Area ft bgs - feet below ground surface

TABLES

				Sample Name	MSA-B001-051620	MSA-B002-051620	MSA-B003-051620	MSA-B004-051620	MSA-B005-051720 (DUP-1)	MSA-B005-051720	MSA-B006-051620	MSA-B007-051620	MSA-B008-051620	MSA-B009-051620	MSA-B010-051620	MSA-B011-051620	MSA-B012-051620	MSA-B013	MSA-B014	MSA-B015	MSA-B016	MSA-B017	MSA-B018	MSA-B019	MSA-B020	MSA-B021
				Boring ID	MSA-B001	MSA-B002	MSA-B003	MSA-B004	MSA-B005	MSA-B005	MSA-B006	MSA-B007	MSA-B008	MSA-B009	MSA-B010	MSA-B011	MSA-B012	MSA-B013	MSA-B014	MSA-B015	MSA-B016	MSA-B017	MSA-B018	MSA-B019	MSA-B020	MSA-B021
				Sample Depth (ft bgs)	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17
				Sample Date	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/17/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020
				Lab Report	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
PCBs	Aroclor 1016	mg/kg	0.0058		<0.0065U	<0.0067U	<0.006U	<0.0063U	<0.0064U	<0.0063U	<0.0065U	<0.0068U	<0.0078U	<0.0066U	<0.0065U	<0.0065U	<0.0059U	<0.0062U	<0.0063U	<0.0063U	<0.0062U	<0.0062U	<0.0061U	<0.0063U	<0.0064U	<0.0064U
	Aroclor 1221	mg/kg	0.0063		<0.0071U	<0.0073U	<0.0065U	<0.0068U	<0.007U	<0.0068U	<0.0071U	<0.0074U	<0.0085U	<0.0071U	<0.0071U	<0.0071U	<0.0065U	<0.0068U	<0.0068U	<0.0069U	<0.0068U	<0.0067U	<0.0067U	<0.0068U	<0.0069U	<0.007U
	Aroclor 1232	mg/kg	0.0043		<0.0049U	<0.005U	<0.0045U	<0.0047U	<0.0048U	<0.0047U	<0.0049U	<0.0051U	<0.0059U	<0.0049U	<0.0049U	<0.0049U	<0.0044U	<0.0047U	<0.0047U	<0.0047U	<0.0047U	<0.0046U	<0.0046U	<0.0047U	<0.0048U	<0.0048U
	Aroclor 1242	mg/kg	0.0026		<0.0029U	<0.003U	<0.0027U	<0.0028U	<0.0029U	<0.0028U	<0.0029U	<0.003U	<0.0035U	<0.003U	<0.0029U	<0.0029U	<0.0027U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0028U	<0.0029U	<0.0029U
	Aroclor 1248	mg/kg	0.0043		0.3J	0.13J	0.13J	0.035J	0.68J	0.069J	0.04J	0.031J	<0.0058U	0.67J	0.28J	0.39J	0.056J	0.12J	0.31J	0.18J	0.31J	0.35J	0.067J	0.0086J	0.17J	0.11J
	Aroclor 1254	mg/kg	0.0053		0.18J	0.075J	0.088J	0.026J	0.46J	0.061J	0.024J	0.019J	0.022J	0.41J	0.2J	0.2J	0.036J	0.093J	0.18J	0.12J	0.19J	0.25J	0.05J	<0.0058U	0.1J	0.063J
	Aroclor 1260	mg/kg	0.0051		0.093J	0.041J	0.057J	0.028J	0.14J	<0.0055UJ	<0.0057U	<0.0059U	<0.0069U	0.097J	0.068J	0.08J	<0.0052U	0.027J	0.044J	0.046J	0.057J	0.11J	0.031J	<0.0055U	0.03J	0.017J
	Aroclor 1262	mg/kg	0.0055		<0.007U	<0.0072U	<0.0065U	<0.0068U	<0.0069U	<0.0068U	<0.0071U	<0.0073U	<0.0085U	<0.0071U	<0.0071U	<0.007U	<0.0064U	<0.0067U	<0.0068U	<0.0068U	<0.0067U	<0.0067U	<0.0066U	<0.0068U	<0.0069U	<0.0069U
	Aroclor 1268	mg/kg	0.0024		<0.0027U	<0.0028U	<0.0025U	<0.0026U	<0.0026U	<0.0026U	<0.0027U	<0.0028U	<0.0032U	<0.0027U	<0.0027U	<0.0027U	<0.0024U	<0.0026U	<0.0026U	<0.0026U	<0.0026U	<0.0025U	<0.0025U	<0.0026U	<0.0026U	<0.0026U
	Total PCBs	mg/kg		1	0.5886	0.262	0.2894	0.104	1.295	0.1478	0.08245	0.06915	0.04705	1.193	0.5636	0.6856	0.1088	0.2549	0.549	0.3611	0.5719	0.7248	0.1627	0.02925	0.3153	0.2053
Metals	Aluminum	mg/kg	12		7200	8200	5400	6500	5900	7100	8000	10,000	7000	6900	4700	6700	3300	7500	8100	3600	8700	7000	7200	10,000	8100	7700
	Antimony	mg/kg	0.24		<0.26U	0.38J	0.32J	0.49J	<0.3UJ	0.64J	0.71	0.54J	3.7	0.47J	0.25J	0.51J	<0.26U	<0.32U	1.6	<0.3U	<0.31U	<0.3U	<0.37UJ	<0.27U	<0.33U	<0.31U
	Arsenic	mg/kg	0.6	16	5.6	5.6	4.3	5.2	5	6.4	6.9	6	14	6	8.9	4.2	3.7	6.9	7.8	4.5	6.8	5.9	6.2	5.5	6.6	7.2
	Barium	mg/kg	12	350	61	45	41	84	72	97	120	76	170	68	75	69	46	140	160	45	130	120	100J+	94	130	130
	Beryllium	mg/kg	0.24	14	0.3	0.38	0.21J	0.31	0.25J	0.33J	0.38	0.41	0.49	0.29	0.23J	0.26	0.15J	0.36J	0.4	0.21J	0.37	0.32J	0.29J	0.35	0.37J	0.37
	Cadmium	mg/kg	0.3	2.5	0.26J	0.049J	0.29J	0.093J	0.23J	0.27J	0.17J	0.063J	0.34J	0.17J	0.28J	0.15J	0.25J	0.22J	0.19J	0.34J	0.088J	0.34J	0.22J	0.094J	0.2J	0.18J
	Calcium	mg/kg	300		40,000	1400	66,000	860	46,000J	20,000J	1700	2200	2300	40,000	44,000	19,000	140,000	38,000	17,000	150,000	9600	77,000	33,000	10,000	46,000	25,000
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.3	22	9	8.7	6.8	7.9	13	18	14	12	80	11	7.6	9.6	5.3	12	24	7.1	12	10	21J-	13	9.6	13
	Cobalt	mg/kg	3		5.9	7.3	4.6	7.9	5.2	6.4	7.4	7.7	8.2	6.5	4.8	6	3.6J	5.9	7.8	4.2J	7.9	5.2	5.9	5.5	5.8	6.4
	Copper	mg/kg	1.5	270	22	9.4	19	17	51	38	42	22	120	36	48	39	19	38	59	17	26	35	51	21	23	32
	Iron	mg/kg	6		14,000	16,000	12,000	13,000	15,000	16,000	17,000	18,000	61,000	17,000	13,000	16,000	7800	16,000	22,000	8100	18,000	14,000	20,000	17,000	15,000	17,000
	Lead	mg/kg	0.6	400	30	10	28	16	47	62	63	35	680	49	65	33	27	61	340	31	31	91	42J+	17	35	41
	Magnesium	mg/kg	300		13,000	2100	9000	1500	6200	4500	1800	2600	1500	8300	11,000	4700	13,000	8000	4200	26,000	3400	16,000	6400J	3800	8000	6900
	Manganese	mg/kg	0.9	2000	420	550	230	760	380	410	640	330	460	360	330	350	270	400	460	350	370	490	870	270	480	450
	Mercury	mg/kg	0.027	0.81	0.14	0.033J	0.033J	0.034J	0.052	0.06	0.034J	<0.027U	0.72	0.047	0.07	0.048	0.056	0.067	0.11	0.035J	0.072	0.18	0.44J	0.03J	0.063	0.059
	Nickel	mg/kg	2.4	140	17	12	14	15	22	30	33	23	160	28	20	20	13	26	47	14	20	19	18	16	18	23
	Potassium	mg/kg	300		570	430	450	390	520	580	600	560	570	570	500	450	420	670	720	800	760	640	460J	610	670	640
	Selenium	mg/kg	0.33	36	0.85	<0.37U	1.6	0.36J	1.4J	0.71J	0.65	0.45J	1.7	0.99	1	0.82	1.8	0.7J	0.86J	1.9	<0.47U	1.3	0.59J	0.52J	1.2	0.59J
	Silver	mg/kg	0.063	36	<0.079U	<0.075U	<0.095U	<0.063U	<0.094U	<0.073U	<0.067U	<0.07U	<0.078U	<0.075U	<0.066U	<0.069U	<0.082U	<0.099U	<0.1U	<0.093U	<0.096U	<0.093U	<0.11U	<0.083U	<0.1U	<0.096U
	Sodium	mg/kg	36		65J	<43U	60J	<36U	67J	66J	<38U	<40U	89J	77J	61J	43J	88J	71J	60J	150J	<55U	81J	<66U	<47U	69J	55J
	Thallium	mg/kg	0.19		<0.24U	<0.23U	<0.29U	<0.19U	<0.29U	<0.22U	<0.2U	<0.21U	0.37J	<0.23U	<0.2U	<0.21U	<0.25U	<0.3U	<0.32U	<0.28U	<0.29U	<0.28U	<0.35U	<0.25U	<0.31U	<0.29U
	Vanadium	mg/kg	3		11	14	8.8	9.6	9.5	11	12	14	19	11	7.6	10	5.9	12	14	8.6	13	12	12	13	13	13
	Zinc	mg/kg	1.2	2200	59	40	44	39	60	69	73	53	88	62	55	58	41	87	95	36	66	73	89J+	59	67	78
SVOCs	1,1-Biphenyl	mg/kg	0.015		0.045J	<0.017U	0.023J	<0.016U	<0.033U	0.018J	0.035J	<0.017U	0.051J	<0.051U	0.029J	0.053J	<0.032U	0.059J	0.098J	0.038J	0.036J	<0.079U	0.017J	<0.016U	0.029J	0.083J
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.034U	<0.018U	<0.016U	<0.017U	<0.034U	<0.016U	<0.018U	<0.017U	<0.021U	<0.053U	<0.017U	<0.017U	<0.033U	<0.017U	<0.017U	<0.017U	<0.017U	<0.081U	<0.016U	<0.017U	<0.017U	<0.017U
	1,4-Dioxane	mg/kg	0.041	9.8	<0.25U	<0.13U	<0.12U	<0.12U	<0.24U	<0.12U	<0.13U	<0.13U	<0.15U	<0.38U	<0.12U	<0.12U	<0.24U	<0.12U	<0.12U	<0.12U	<0.12U	<0.59U	<0.12U	<0.12U	<0.12U	<0.12U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.33U	<0.17U	<0.16U	<0.16U	<0.32U	<0.16U	<0.17U	<0.17U	<0.2U	<0.51U	<0.16U	<0.16U	<0.31U	<0.16U	<0.16U	<0.16U	<0.16U	<0.78U	<0.16U	<0.16U	<0.16U	<0.16U
	2,4,5-trichlorophenol	mg/kg	0.024		<0.057U	<0.029U	<0.027U	<0.028U	<0.055U	<0.027U	<0.029U	<0.029U	<0.034U	<0.087U	<0.028U	<0.028U	<0.054U	<0.028U	<0.028U	<0.028U	<0.028U	<0.13U	<0.027U	<0.028U	<0.028U	<0.028U
	2,4,6-trichlorophenol	mg/kg	0.018		<0.043U	<0.022U	<0.021U	<0.021U	<0.043U	<0.021U	<0.023U	<0.022U	<0.026U	<0.067U	<0.022U	<0.022U	<0.041U	<0.021U	<0.021U	<0.021U	<0.021U	<0.1U	<0.021U	<0.021U	<0.022U	<0.021U
	2,4-dichlorophenol	mg/kg	0.0073		<0.061U	<0.031U	<0.029U	<0.03U	<0.06U	<0.029U	<0.032U	<0.031U	<0.037U	<0.094U	<0.03U	<0.03U	<0.058U	<0.03U	<0.03U	<0.03U	<0.03U	<0.15U	<0.029U	<0.03U	<0.03U	<0.03U
	2,4-dimethylphenol	mg/kg	0.021		<0.049U	<0.025U	<0.023U	<0.024U	<0.048U	<0.023U	<0.026U	<0.025U	<0.03U	<0.076U	<0.024U	<0.024U	<0.047U	<0.024U	<0.024U	<0.024U	<0.024U	<0.12U	<0.024U	<0.024U	<0.024U	<0.024U
	2,4-dinitrophenol	mg/kg	0.43		<4.4U	<2.3U	<2.1U	<2.1U	<4.3U	<2.1U	<2.3U	<2.2U	<2.7U	<6.8U	<2.2U	<2.2U	<4.2U	<2.2U	<2.1U	<2.1U	<2.2U	<10U	<2.1U	<2.2U	<2.2U	<2.2U
	2,4-Dinitrotoluene	mg/kg	0.019		<0.12U	<0.061U	<0.056U	<0.058U	<0.12U	<0.057U	<0.062U	<0.061U	<0.073U	<0.18U	<0.059U	<0.059U	<0.11U	<0.058U	<0.058U	<0.058U	<0.059U	<0.28U	<0.057U	<0.059U	<0.059U	<0.059U
	2,6-dinitrotoluene	mg/kg	0.021		<0.049U	<0.025U	<0.023U	<0.024U	<0.048U	<0.023U	<0.025U	<0.025U	<0.03U	<0.076U	<0.024U	<0.024U	<0.047U	<0.024U	<0.024U	<0.024U	<0.024U	<0.12U	<0.023U	<0.024U	<0.024U	<0.024U
	2-chloronaphthalene	mg/kg	0.0075		<0.036U	<0.019U	<0.017U	<0.018U	<0.036U	<0.017U	<0.019U	<0.019U	<0.022U	<0.056U	<0.018U	<0.018U	<0.035U	<0.018U	<0.018U	<0.018U	<0.018U	<0.086U	<0.017U	<0.018U	<0.018U	<0.018U
	2-chlorophenol	mg/kg	0.016		<0.037U	<0.019U	<0.017U	<0.018U	<0.036U	<0.018U	<0.019U	<0.019U	<0.022U	<0.057U	<0.018U	<0.018U	<0.035U	<0.018U	<0.018U	<0.018U	<0.018U	<0.087U	<0.018U	<0.018U	<0.018U	<0.018U
	2-methylnaphthalene	mg/kg	0.0069		0.21	<0.019U	0.071J	0.024J	0.054J	0.054J	0.1	0.019J	0.21	0.13J	0.13	0.28	0.052J	0.32	0.54	0.17	0.13	0.26J	0.046J	0.036J	0.14	0.43
	2-methylphenol	mg/kg	0.025	100	<0.23U	<0.12U	<0.11U	<0.11U	<0.22U	<0.11U	<0.12U	<0.12U	<0.14U	<0.35U	<0.11U	<0.11U	<0.22U	<0.11U	<0.11U	<0.11U	<0.11U	<0.54U	<0.11U	<0.11U	<0.11U	<0.11U
	2-nitroaniline	mg/kg	0.15		<0.36U	<0.19U	<0.17U	<0.18U	<0.35U	<0.17U	<0.19U	<0.18U	<0.22U	<0.56U	<0.18U	<0.18U	<0.34U	<0.18U	<0.18U	<0.18U	<0.18U	<0.86U	<0.17U	<0.18U	<0.18U	<0.18U
	2-nitrophenol	mg/kg	0.04		<0.13U	<0.065U	<0.06U	<0.062U	<0.12U	<0.06U	<0.066U	<0.064U	<0.077U	<0.2U	<0.063U	<0.063U	<0.12U	<0.062U	<0.061U	<0.062U	<0.062U	<0.3U	<0.06U	<0.062U	<0.063U	<0.062U
	3,3-Dichlorobenzidine	mg/kg	0.038		<0.74U	<0.38U	<0.35U	<0.36U	<0.72U	<0.35U	<0.38U	<0.38U	<0.45U	<1.1U	<0.37U	<0.37U	<0.7U	<0.36U	<0.36U	<0.36U	<0.36U	<1.8U	<0.35U	<0.36U	<0.37U	<0.36U
	3-nitroaniline	mg/kg	0.085		<0.2U	<0.1U	<0.095U	<0.098U	<0.2U	<0.096U	<0.1U	<0.1U	<0.12U	<0.31U	<0.1U	<0.1U	<0.19U	<0.099U	<0.098U	<0.098U	<0.099U	<0.48U	<0.096U	<0.099U	<0.1U	<0.099U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<1.4U	<0.7U	<0.64U	<0.67U	<1.3U	<0.65U	<0.71U	<0.7U	<0.83U	<2.1U	<0.68U	<0.68U	<1.3U	<0.67U	<0.67U	<0.67U	<0.67U	<3.2U	<0.65U	<0.67U	<0.68U	<0.67U
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.055U	<0.028U	<0.026U	<0.027U	<0.054U	<0.026U	<0.029U	<0.028U	<0.034U	<0.086U	<0.028U	<0.028U	<0.053U	<0.027U	<0.027U	<0.027U	<0.027U	<0.13U	<0.026U	<0.027U	<0.028U	<0.027U
	4-chloro-3-methylphenol	mg/kg	0.016		<0.037U	<0.019U	<0.018U	<0.018U	<0.037U	<0.018U	<0.019U	<0.019U	<0.023U	<0.058U	<0.019U	<0.019U	<0.035U	<0.018U	<0.018U	<0.018U	<0.018U	<0.089U	<0.018U	<0.018U	<0.019U	<0.018U
	4-chloroaniline	mg/kg	0.013		<0.054U	<0.028U	<0.025U	<0.026U	<0.053U	<0.026U	<0.028U	<0.028U	<0.033U	<0.083U	<0.027U	<0.027U	<0.051U	<0.026U	<0.026U	<0.026U	<0.026U	<0.13U	<0.026U	<0.027U	<0.027U	<0.026U
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.048U	<0.025U	<0.023U	<0.023U	<0.047U	<0.023U	<0.025U	<0.025U	<0.029U	<0.074U	<0.024U	<0.024U	<0.046U	<0.023U	<0.023U	<0.023U	<0.024U	<0.11U	<0.023U	<0.024U	<0.024U	<0.024U
	4-methylphenol	mg/kg	0.035	34	<0.23U	<0.12U	0.31J	<0.11U	<0.23U	<0.11U	<0.12U	<0.12U	<0.14U	<0.36U	0.14J	<0.12U	<0.22U	<0.11U	<0.11U	0.12J	<0.11U	<0.55U	<0.11U	<0.11U	<0.12U	<0.11U
	4-nitroaniline	mg/kg	0.016		<0.038U	<0.02U	<0.018U	<0.019U	<0.038U	<0.018U	<0.02U	<0.02U	<0.023U	<0.06U	<0.019U	<0.019U	<0.037U	<0.019U	<0.019U	<0.019U	<0.019U	<0.091U	<0.018U	<0.019U	<0.019U	<0.019U
	4-nitrophenol	mg/kg	0.13		<0.56U	<0.29U	<0.26U	<0.27U	<0.54U	<0.27U	<0.29U	<0.28U	<0.34U	<0.86U	<0.28U	<0.28U	<0.53U	<0.27U	<0.27U	<0.27U	<0.27U	<1.3U	<0.27U	<0.27U	<0.28U	<0.27U
	Acenaphthene	mg/kg	0.0073	100	0.19	0.031J	0.086	<0.022U	<0.045UJ	0.065J	0.03J	<0.023U	<0.028U	0.078J	0.044J	0.063J	<0.043U	0.05J	0.099	0.13	0.091	0.34J	0.032J	0.027J	0.046J	0.083
	Acenaphthylene	mg/kg	0.0088	100	3.6	0.3	1.3	0.11	0.39	0.33	0.24	0.04J	0.06J	0.88	0.41	0.88	0.37	0.71	1.9	0.79	0.2	4.1	0.73	0.38	0.75	1.1
	Acetophenone	mg/kg	0.018		<0.043U	<0.022U	<0.02U	<0.021U	<0.042U	<0.021U	<0.022U	<0.022U	<0.026U	<0.067U	<0.021U	<0.021U	<0.041U	<0.021U	0.027J	<0.021U	<0.021U	<0.1U	<0.021U	<0.021U	<0.021U	<0.021U
	Anthracene	mg/kg	0.0075	100	1.8	0.14	0.66	0.052J	0.22	0.34	0.16	<0.021U	0.048J	0.61	0.25	0.45	0.2	0.36	1	0.56	0.21	2.1	0.32	0.16	0.38	0.64
	Atrazine	mg/kg	0.035		<0.35U	<0.18U	<0.16U	<0.17U	<0.34U	<0.17U	<0.18U	<0.18U	<0.21U	<0.54U	<0.17U	<0.17U	<0.33U	<0.17U	<0.17U	<0.17U	<0.17U	<0.82U	<0.17U	<0.17U	<0.17U	<0.17U
	Benz(a)anthracene	mg/kg	0.033	1	6.3J	0.52	1.8	0.16	0.54J	1J	0.36	0.05J	0.17	4.4	0.78	0.91	0.67	0.73	2.4	1.4	0.54	6.7	0.93	0.36	0.83	1.6
	Benzaldehyde	mg/kg	0.042		-	-	-	-	-	-	-	-	-	-	-	-	-	<0.048U	<0.048U	<0.048U	<0.048U	<0.23U	-	<0.048U	<0.049U	<0.048U
	Benzo(a) pyrene	mg/kg	0.0077	1	7.6J	0.63	2	0.21	0.64	0.96	0.35	0.051J	0.15	4.8	0.92	1.1	0.76	0.9	2.6	1.6	0.55	7.8	1.1	0.47	0.93	1.7
	Benzo(b)fluoranthene	mg/kg	0.012	1	8.8J	0.74	2.7	0.24	0.78	1.1	0.37	0.064J	0.2	5.4	1.1	1.2	0.95	0.99	2.7	2	0.66	9.2	1.3	0.48	1.1	1.8
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	6.2J	0.51	1.9	0.17	0.66	0.74	0.25	0.047J	0.13	3.5	0.79	0.98	0.73	0.64	1.7	1.3	0.41	6.5	0.97	0.37	0.8	1.2
	Benzo(k)fluoranthene	mg/kg	0.015	1	3.5J	0.25	0.88	0.1	0.29	0.45	0.14	0.029J	0.069J	2.3	0.42	0.43	0.36	0.35	0.87	0.77	0.27	3.6	0.54	0.21	0.4	0.67
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.038U	<0.019U	<0.018U	<0.018U	<0.037U	<0.018U	<0.02U	<0.019U	<0.023U	<0.058U	<0.019U	<0.019U	<0.036U	<0.018U	<0.018U	<0.018U	<0.018U	<0.09U	<0.018U	<0.019U	<0.019U	<0.019U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.029U	<0.015U	<0.014U	<0.014U	<0.028U	<0.014U	<0.015U	<0.015U	<0.017U	<0.044U	<0.014U	<0.014U	<0.027U	<0.014U	<0.014U	<0.014U	<0.014U	<0.068U	<0.014U	<0.014U	<0.014U	<0.014U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.059U	<0.03U	<0.028U	<0.029U	<0.058U	<0.028U	<0.031U	<0.03U	<0.036U	<0.091U	<0.029U	<0.029U	<0.056U	<0.029U	<0.029U	<0.029U	<0.029U	<0.14U	<0.028U	<0.029U	<0.029U	<0.029U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<0.84U	<0.43U	<0.4U	<0.41U	<0.83U	<0.4U	<0.44U	<0.43U	<0.51U	<1.3U	<0.42U	<0.42U	<0.8U	<0.41U	<0.41U	<0.41U	<0.41U	<2U	<0.4U	<0.42U	<0.42U	<0.41U
	Butyl benzyl phthalate	mg/kg	0.049		<0.54U	<0.28U	<0.26U	<0.27U	<0.53U	<0.26U	<0.28U	<0.28U	<0.33U	<0.84U	<0.27U	<0.27U	<0.52U	<0.27U	<0.27U	<0.27U	<0.27U	<1.3U	<0.26U	<0.27U	<0.27U	<0.27U

				Sample Name	MSA-B022	MSA-B023	MSA-B024	STI-B001-052220	STI-B002-052220	STI-B003-052720	STI-B004-060120	STI-B005-060120 (DUP-3)	STI-B005-060120	STI-B006-060120	STI-B007-060120	STI-B008-060220	STI-B009-060220	STI-B010-060320	STI-B011-060320	STI-B012-060320	STI-B013-060420	STI-B014-060420	STI-B015-060420 (DUP-9)	STI-B015-060420	STI-B016-060420
				Boring ID	MSA-B022	MSA-B023	MSA-B024	STI-B001	STI-B002	STI-B003	STI-B004	STI-B005	STI-B005	STI-B006	STI-B007	STI-B008	STI-B009	STI-B010	STI-B011	STI-B012	STI-B013	STI-B014	STI-B015	STI-B015	STI-B016
				Sample Depth (ft bgs)	0-0.17	0-0.17	0-0.17	1-1	1-1	1-1	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	1-1	0.5-0.5	1-1	1-1	1-1
				Sample Date	6/24/2020	6/24/2020	6/24/2020	5/22/2020	5/22/2020	5/27/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/2/2020	6/2/2020	6/3/2020	6/3/2020	6/3/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020
				Lab Report	180-107588-1	180-107588-1	180-107588-1	180-106148-1	180-106148-1	180-106322-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106577-1	180-106577-1	180-106577-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
PCBs	Aroclor 1016	mg/kg	0.0058		<0.0065U	<0.0062U	<0.0063U	-	-	-	-	-	-	-	-	-	-	<0.0061U	<0.0061U	<0.0063U	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		<0.0071U	<0.0068U	<0.0069U	-	-	-	-	-	-	-	-	-	-	<0.0066U	<0.0067U	<0.0068U	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		<0.0049U	<0.0047U	<0.0047U	-	-	-	-	-	-	-	-	-	-	<0.0046U	<0.0046U	<0.0047U	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		<0.0029U	<0.0028U	<0.0028U	-	-	-	-	-	-	-	-	-	-	<0.0027U	<0.0028U	<0.0028U	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		0.071J	0.21J	0.18J	-	-	-	-	-	-	-	-	-	-	0.077J	<0.0045U	0.029J	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		0.048J	0.14J	0.17J	-	-	-	-	-	-	-	-	-	-	0.053J	<0.0057U	0.026J	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		0.018J	0.07J	0.083J	-	-	-	-	-	-	-	-	-	-	0.027J	<0.0054U	0.016J	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		<0.007U	<0.0067U	<0.0068U	-	-	-	-	-	-	-	-	-	-	<0.0066U	<0.0066U	<0.0068U	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		<0.0027U	<0.0026U	<0.0026U	-	-	-	-	-	-	-	-	-	-	<0.0025U	<0.0025U	<0.0026U	-	-	-	-	-
	Total PCBs	mg/kg		1	0.1526	0.4349	0.4481	-	-	-	-	-	-	-	-	-	-	0.1716	<0.0449	0.086	-	-	-	-	-
Metals	Aluminum	mg/kg	12		8600	6000	4000	-	-	-	-	-	-	-	-	-	-	-	-	-	6200	8800	7800	8100	8400
	Antimony	mg/kg	0.24		0.45J	<0.24UJ	<0.24U	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88J	1.5	0.43J	0.49J	1.4
	Arsenic	mg/kg	0.6	16	7	4.6	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	16	10	5.5	6.2	11
	Barium	mg/kg	12	350	190	76J	53	-	-	-	-	-	-	-	-	-	-	-	-	-	100	510	72	81	2500
	Beryllium	mg/kg	0.24	14	0.42	0.27J	0.21J	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38J	0.41J	0.37J	0.39J	0.38J
	Cadmium	mg/kg	0.3	2.5	0.23J	0.22J	0.51	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13J	0.35J	0.091J	0.099J	0.34J
	Calcium	mg/kg	300		16,000	65,000	140,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1800	16,000	890	1300	3300
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.3	22	18	9.9J-	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	12	41	9	10	26
	Cobalt	mg/kg	3		6.6	5	4.6J	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	7.8	4.9J	5.1J	6.7
	Copper	mg/kg	1.5	270	86	23	30	-	-	-	-	-	-	-	-	-	-	-	-	-	37	240	35	41	99
	Iron	mg/kg	6		20,000	13,000	9900	-	-	-	-	-	-	-	-	-	-	-	-	-	17,000	28,000	15,000	16,000	28,000
	Lead	mg/kg	0.6	400	52	34	35	-	-	-	-	-	-	-	-	-	-	-	-	-	33	160	34	31	230
	Magnesium	mg/kg	300		3400	11,000	26,000J	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	3300	1600	1700	2000
	Manganese	mg/kg	0.9	2000	350	360	330	-	-	-	-	-	-	-	-	-	-	-	-	-	330	420	660	680	550
	Mercury	mg/kg	0.027	0.81	0.11	0.074	0.056	-	-	-	-	-	-	-	-	-	-	-	-	-	0.064	0.16	0.17	0.19	0.13
	Nickel	mg/kg	2.4	140	34	18	17	-	-	-	-	-	-	-	-	-	-	-	-	-	22	89	13	14	72
	Potassium	mg/kg	300		720	480	490	-	-	-	-	-	-	-	-	-	-	-	-	-	460J	830	460J	460J	640
	Selenium	mg/kg	0.33	36	0.44J	1.3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.53U	0.79J	0.73J	0.62J	<0.55U
	Silver	mg/kg	0.063	36	<0.084U	<0.073U	<0.074U	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.11U	0.14J	<0.12U	<0.11U	<0.11U
	Sodium	mg/kg	36		56J	72J	100J	-	-	-	-	-	-	-	-	-	-	-	-	-	<62U	91J	<67U	<65U	170J
	Thallium	mg/kg	0.19		<0.26U	<0.22U	<1.1U	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.33U	<0.34U	<0.35U	<0.35U	<0.34U
	Vanadium	mg/kg	3		14	13J-	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	13	17	13	14	14
	Zinc	mg/kg	1.2	2200	110	56	48	-	-	-	-	-	-	-	-	-	-	-	-	-	50	220	51	62	170
SVOCs	1,1-Biphenyl	mg/kg	0.015		0.45	<0.16U	<0.08U	0.02J	<0.016U	0.22J	<1.1U	0.077J	<0.059UJ	0.014J	0.23J	0.033J	0.017J	-	-	-	<0.016U	0.041J	<0.015U	<0.015U	0.031J
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.017U	<0.17U	<0.082U	<0.015U	<0.017U	<0.032U	<1.1U	<0.06U	<0.061U	<0.014U	<0.15U	<0.016U	<0.016U	-	-	-	<0.016U	<0.016U	<0.016U	<0.016U	<0.016U
	1,4-Dioxane	mg/kg	0.041	9.8	<0.12U	<1.2U	<0.59U	<0.11UJ	<0.12UJ	<0.23U	<7.8UJ	<0.43UJ	<0.44UJ	<0.1UJ	<1.1UJ	<0.11U	<0.12UJ	-	-	-	<0.12U	<0.12U	<0.11U	<0.11U	<0.11U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.17U	<1.6U	<0.79U	<0.15U	<0.16U	<0.31U	<10U	<0.58U	<0.59U	<0.14U	<1.5U	<0.15U	<0.16U	-	-	-	<0.15U	<0.15U	<0.15U	<0.15U	<0.15U
	2,4,5-trichlorophenol	mg/kg	0.024		<0.028U	<0.28U	<0.14U	<0.025U	<0.028U	<0.053U	<1.8U	<0.099U	<0.1U	<0.024U	<0.25U	<0.026U	<0.027U	-	-	-	<0.027U	<0.026U	<0.026U	<0.026U	<0.026U
	2,4,6-trichlorophenol	mg/kg	0.018		<0.022U	<0.21U	<0.1U	<0.019U	<0.022U	<0.041U	<1.4U	<0.076U	<0.078U	<0.018U	<0.2U	<0.02U	<0.02U	-	-	-	<0.02U	<0.02U	<0.02U	<0.02U	<0.02U
	2,4-dichlorophenol	mg/kg	0.0073		<0.031U	<0.3U	<0.15U	<0.027U	<0.03U	<0.057U	<1.9U	<0.11U	<0.11U	<0.026U	<0.27U	<0.028U	<0.029U	-	-	-	<0.029U	<0.028U	<0.028U	<0.028U	<0.028U
	2,4-dimethylphenol	mg/kg	0.021		0.084J	<0.24U	<0.12U	<0.022U	<0.024U	<0.046U	<1.6U	<0.086U	<0.088U	<0.021U	<0.22U	<0.022U	<0.023U	-	-	-	<0.023U	<0.023U	<0.023U	<0.022U	<0.022U
	2,4-dinitrophenol	mg/kg	0.43		<2.2U	<22U	<11U	<1.9U	<2.2U	<4.1U	<140U	<7.7U	<7.8U	<1.9U	<20U	<2U	<2.1U	-	-	-	<2.1U	<2U	<2U	<2U	<2U
	2,4-Dinitrotoluene	mg/kg	0.019		<0.06U	<0.59U	<0.29U	<0.053U	<0.059U	<0.11U	<3.8U	<0.21U	<0.21U	<0.051U	<0.54U	<0.054U	<0.056U	-	-	-	<0.056U	<0.056U	<0.055U	<0.054U	<0.054U
	2,6-dinitrotoluene	mg/kg	0.021		<0.025U	<0.24U	<0.12U	<0.022U	<0.024U	<0.046U	<1.6U	<0.086U	<0.087U	<0.021U	<0.22U	<0.022U	<0.023U	-	-	-	<0.023U	<0.023U	<0.023U	<0.022U	<0.022U
	2-chloronaphthalene	mg/kg	0.0075		<0.018U	<0.18U	<0.087U	<0.016U	<0.018U	<0.034U	<1.2U	<0.064U	<0.065U	<0.015U	<0.16U	<0.017U	<0.017U	-	-	-	<0.017U	<0.017U	<0.017U	<0.017U	<0.017U
	2-chlorophenol	mg/kg	0.016		<0.019U	<0.18U	<0.088U	<0.016U	<0.018U	<0.034U	<1.2U	<0.064U	<0.066U	<0.016U	<0.17U	<0.017U	<0.017U	-	-	-	<0.017U	<0.017U	<0.017U	<0.017U	<0.017U
	2-methylnaphthalene	mg/kg	0.0069		2.2	0.55J	0.28J	0.054J	0.03J	0.78	2.9J	0.44J	0.25J	0.042J	1.1	0.12	0.065J	-	-	-	0.043J	0.18	0.036J	0.017J	0.12
	2-methylphenol	mg/kg	0.025	100	<0.11U	<1.1U	<0.54U	<0.1U	<0.11U	<0.21U	<7.2U	<0.4U	<0.41U	<0.096U	<1U	<0.1U	<0.11U	-	-	-	<0.11U	<0.11U	<0.1U	<0.1U	<0.1U
	2-nitroaniline	mg/kg	0.15		<0.18U	<1.8U	<0.87U	<0.16U	<0.18U	<0.34U	<11U	<0.63U	<0.64U	<0.15U	<1.6U	<0.16U	<0.17U	-	-	-	<0.17U	<0.17U	<0.17U	<0.16U	<0.16U
	2-nitrophenol	mg/kg	0.04		<0.063U	<0.62U	<0.3U	<0.055U	<0.062U	<0.12U	<4U	<0.22U	<0.23U	<0.053U	<0.57U	<0.057U	<0.059U	-	-	-	<0.059U	<0.059U	<0.058U	<0.057U	<0.057U
	3,3-Dichlorobenzidine	mg/kg	0.038		<0.37U	<3.6U	<1.8U	<0.32U	<0.37U	<0.69U	<23U	<1.3U	<1.3U	<0.31U	<3.3U	<0.34U	<0.35U	-	-	-	<0.35U	<0.34U	<0.34U	<0.34U	<0.34U
	3-nitroaniline	mg/kg	0.085		<0.1U	<0.99U	<0.48U	<0.089U	<0.1U	<0.19U	<6.4U	<0.35U	<0.36U	<0.085U	<0.91U	<0.092U	<0.095U	-	-	-	<0.094U	<0.094U	<0.093U	<0.092U	<0.092U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<0.69U	<6.7U	<3.3U	<0.6U	<0.68U	<1.3U	<43U	<2.4U	<2.4U	<0.58U	<6.1U	<0.62U	<0.64U	-	-	-	<0.64U	<0.64U	<0.63U	<0.62U	<0.62U
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.028U	<0.27U	<0.13U	<0.024U	<0.027U	<0.052U	<1.8U	<0.097U	<0.099U	<0.023U	<0.25U	<0.025U	<0.026U	-	-	-	<0.026U	<0.026U	<0.026U	<0.025U	<0.025U
	4-chloro-3-methylphenol	mg/kg	0.016		<0.019U	<0.18U	<0.089U	<0.016U	<0.018U	<0.035U	<1.2U	<0.065U	<0.067U	<0.016U	<0.17U	<0.017U	<0.018U	-	-	-	<0.017U	<0.017U	<0.017U	<0.017U	<0.017U
	4-chloroaniline	mg/kg	0.013		<0.027U	<0.27U	<0.13U	<0.024U	<0.027U	<0.05U	<1.7U	<0.094U	<0.096U	<0.023U	<0.24U	<0.025U	<0.025U	-	-	-	<0.025U	<0.025U	<0.025U	<0.025U	<0.025U
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.024U	<0.24U	<0.11U	<0.021U	<0.024U	<0.045U	<1.5U	<0.084U	<0.086U	<0.02U	<0.22U	<0.022U	<0.023U	-	-	-	<0.023U	<0.022U	<0.022U	<0.022U	<0.022U
	4-methylphenol	mg/kg	0.035	34	0.17J	<1.1U	<0.56U	<0.1U	<0.12U	<0.22U	<7.4U	<0.41U	<0.42U	<0.099U	<1U	<0.11U	<0.11U	-	-	-	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U
	4-nitroaniline	mg/kg	0.016		<0.019U	<0.19U	<0.092U	<0.017U	<0.019U	<0.036U	<1.2U	<0.067U	<0.069U	<0.016U	<0.17U	<0.018U	<0.018U	-	-	-	<0.018U	<0.018U	<0.018U	<0.018U	<0.018U
	4-nitrophenol	mg/kg	0.13		<0.28U	<2.7U	<1.3U	<0.24U	<0.28U	<0.52U	<18U	<0.97U	<0.99U	<0.24U	<2.5U	<0.25U	<0.26U	-	-	-	<0.26U	<0.26U	<0.26U	<0.25U	<0.25U
	Acenaphthene	mg/kg	0.0073	100	2.5	0.54J	0.48	0.18	0.085	2	2.8J	0.7	0.46	<0.019U	2.9	0.11	0.04J	-	-	-	<0.021U	0.08	<0.021U	<0.021U	0.022J
	Acenaphthylene	mg/kg	0.0088	100	1.5	5.5	6.4	0.018J	0.019J	0.41	17	2.3J	1.3J	0.078	3	0.36	0.55	-	-	-	<0.016U	0.042J	<0.016U	<0.016U	0.1
	Acetophenone	mg/kg	0.018		<0.022U	<0.21U	<0.1U	<0.019U	<0.021U	<0.04U	<1.4U	<0.075U	<0.077U	<0.018U	<0.19U	<0.02U	<0.02U	-	-	-	<0.02U	0.022J	<0.02U	<0.02U	<0.02U
	Anthracene	mg/kg	0.0075	100	5.2	2.8	2.9	0.39	0.17	4	12	2.8J	1.6J	0.048J	6.8	0.36	0.29	-	-	-	0.024J	0.17	<0.019U	<0.019U	0.092
	Atrazine	mg/kg	0.035		<0.17U	<1.7U	<0.83U	<0.15U	<0.17U	<0.32U	<11U	<0.61U	<0.62U	<0.15U	<1.6U	<0.16U	<0.16U	-	-	-	<0.16U	<0.16U	<0.16U	<0.16U	<0.16U
	Benz(a)anthracene	mg/kg	0.033	1	7.4	6.9	8	0.58	0.34	6.4	170	21J	11J	0.35	17	0.78	0.89	-	-	-	0.083	0.41	<0.033U	<0.033U	0.26
	Benzaldehyde	mg/kg	0.042		<0.049U	<0.49U	<0.24U	<0.043U	<0.049U	<0.092U	<3.1U	<0.17U	<0.18U	<0.042U	<0.44U	<0.045U	<0.046U	-	-	-	<0.046U	<0.046U	<0.045U	<0.045U	<0.045U
	Benzo(a) pyrene	mg/kg	0.0077	1	6.4	7.8	10	0.42	0.28	5.3	170	21J	12J	0.41	15	0.8	1	-	-	-	0.079	0.33	<0.032U	<0.031U	0.23
	Benzo(b)fluoranthene	mg/kg	0.012	1	6.6	8.8	12	0.54	0.38	5.6	250	26	16	0.54	19	0.98	1.3	-	-	-	0.1	0.45	0.034J	0.046J	0.31
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	3.7	6.9	9	0.22	0.17	3.2	110	14J	8.2J	0.28	10	0.56	0.99	-	-	-	0.052J	0.23	0.019J	0.028J	0.16
	Benzo(k)fluoranthene	mg/kg	0.015	1	2.7	3.4	4.4	0.16	0.11	2.9	77	12J	5.5J	0.2	7.7	0.28	0.51	-	-	-	0.041J	0.19	<0.022U	<0.022U	0.1
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.019U	<0.19U	<0.09U	<0.017U	<0.019U	<0.035UJ	<1.2U	<0.066U	<0.067U	<0.016U	<0.17U	<0.017U	<0.018U	-	-	-	<0.018U	<0.018U	<0.017U	<0.017U	<0.017U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.014U	<0.14U	<0.069U	<0.013U	<0.014U	<0.027U	<0.91U	<0.05U	<0.051U	<0.012U	<0.13U	<0.013U	<0.014U	-	-	-	<0.013U	<0.013U	<0.013U	<0.013U	<0.013U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.03U	<0.29U	<0.14U	<0.026U	<0.029U	<0.055U	<1.9U	<0.1U	<0.1U	<0.025U	<0.26U	<0.027U	<0.028U	-	-	-	<0.028U	<0.027U	<0.027U	<0.027U	<0.027U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<0.42U	<4.2U	<2U	<0.37U	<0.42U	<0.79U	<27U	<1.5U	<1.5U	<0.36U	<3.8U	<0.38U	<0.4U	-	-	-	<0.4U	<0.39U	<0.39U	<0.38U	<0.38U
	Butyl benzyl phthalate	mg/kg	0.049		<0.27U	<2.7U	<1.3U	<0.24U	<0.27U	<0.51U	<17U	<0.95U	<0.97U	<0.23U	<2.4U	<0.25U	<0.26U	-	-	-	<0.26U	<0.25U	<0.25U	<0.25U	<0.25U

				Sample Name	STI-B017-060420	STI-B018-060420	STI-B019-060420	STI-B020-060420	STI-B021-060420	STI-B023-060420	STI-B024-060420	STI-B025-060420 (DUP-10)	STI-B025-060420	STI-B026-060420	STI-B027-060420	STI-B028-060420	STI-B030-060420	STI-B031-060420	STI-B032-060420	STI-B034-061720	STI-B-129-SUB-2-4	STI-B-130-SS-0-0.17	STI-B-130-SUB-0.17-2	STI-B-131-SS-0-0.17
				Boring ID	STI-B017	STI-B018	STI-B019	STI-B020	STI-B021	STI-B023	STI-B024	STI-B025	STI-B025	STI-B026	STI-B027	STI-B028	STI-B030	STI-B031	STI-B032	STI-B034	STI-B129	STI-B130	STI-B130	STI-B131
				Sample Depth (ft bgs)	1-1	1-1	0.5-0.5	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.5-0.5	0.5-0.5	1-1	0-0.5	2-4	0-0.17	0.17-2	0-0.17
				Sample Date	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/17/2020	12/19/2019	12/20/2019	12/19/2019	12/20/2019
				Lab Report	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-107166-1	180-100367-2	180-100361-2	180-100367-1	180-100361-2
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																				
PCBs	Aroclor 1016	mg/kg	0.0058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Aluminum	mg/kg	12		6800	7300	9900	6800	6900	7600	8700	7400	8000	7800	7800	7300	2500	6400	2900	8800	-	7500	8300	7500
	Antimony	mg/kg	0.24		0.76J	1.6	3.1	0.85J	2.8	1	0.77J	0.48J	0.55J	1.2	1.1	1.8	0.83J	2.2J	1.5	3.1	-	<0.45U	<0.37U	0.46J
	Arsenic	mg/kg	0.6	16	7.3	9.9	20	7	29	7.6	9.3	7.8	6.7	8.9	8.3	10	13	14	41	15	-	7	8.2	10
	Barium	mg/kg	12	350	390	940	1600	500	1400	110	840	120	150	940	240	1800	73	530	82	1300	-	150	130	190
	Beryllium	mg/kg	0.24	14	0.32J	0.37J	0.7	0.32J	0.5	0.34J	0.41J	0.4J	0.44J	0.39J	0.4J	0.38J	0.34J	0.47	0.46	0.4J	-	0.37J	0.38J	0.35J
	Cadmium	mg/kg	0.3	2.5	0.19J	0.51J	3.2	0.28J	2.9	0.14J	0.77	0.12J	0.13J	0.38J	1.5	0.6	0.22J	1.1	0.13J	2.7	-	0.65J	0.35J	0.9
	Calcium	mg/kg	300		5800J-	4300	24,000	2600	12,000	1500	3500	2100	2100	3500	3100	4800	3000	14,000	2300	9700	-	23,000	25,000	4300
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.3U	-	<0.28UJ	<0.24UJ	<0.29UJ
	Chromium (III+VI)	mg/kg	0.3	22	14	48	130	17	150	11	22	9.5	9.1	45	21	38	8	32J	7.2	28	-	16	11	25
	Cobalt	mg/kg	3		6.2	7.4	16	6.3	13	4.7J	7.2	4.2J	4J	7.2	5.5J	6.6	3.3J	6.7	5.2J	11	-	6.5J	6.8	8.3
	Copper	mg/kg	1.5	270	88J+	300	2200	84	240	24	79	16	17	120	53	180	55	270	44	130	-	73	26	240
	Iron	mg/kg	6		20,000	32,000	43,000	21,000	44,000	15,000	25,000	14,000	14,000	27,000	18,000	28,000	20,000	23,000	26,000	19,000	-	19,000	17,000	35,000
	Lead	mg/kg	0.6	400	59J-	180	530	110	270	28	110	55	63	140	96	300	25	900	22	4100	-	80	40	190
	Magnesium	mg/kg	300		3200	2200	5900	2200	2400	1800	2500	1500	1500	2300	2000	2100	430J	1500J-	490J	2200	-	4200	4800	2400
	Manganese	mg/kg	0.9	2000	390	460	710	420	490	330	410	430	330	520	310	450	47	260	60	720	-	410	430	490
	Mercury	mg/kg	0.027	0.81	0.057	0.12	1.9	0.11	1.2	0.14	0.13	1J	0.57J	0.47	0.17	0.23	0.086	0.17	0.22	0.28	-	0.061	0.092	0.076
	Nickel	mg/kg	2.4	140	36	75	300	45	270	16	56	11	9.4	69	34	100	14	56J	11	20	-	39	21	96
	Potassium	mg/kg	300		560	530J	870	520	900	430J	570	340J	330J	520	480J	660	480	720	490J	890	-	850	690	620
	Selenium	mg/kg	0.33	36	<0.5U	0.74J	2.1	<0.49U	2.3	<0.53U	<0.57U	<0.6U	<0.57U	0.74J	<0.58U	<0.55U	0.55J	1J	1.6	1.4	-	<0.68U	<0.56U	<0.63U
	Silver	mg/kg	0.063	36	<0.1U	0.17J	1	<0.1U	0.74	<0.11U	<0.12U	<0.12UJ	0.17J	<0.11U	<0.12U	0.13J	0.12J	0.82	<0.12U	1.2	-	<0.14U	<0.11U	<0.13U
	Sodium	mg/kg	36		<59U	77J	280J	<57U	230J	<63U	<67U	<70U	<67U	<62U	<69U	99J	85J	420J	<67U	150J	-	<80U	92J	<74U
	Thallium	mg/kg	0.19		<0.31U	<0.35U	<0.35U	<0.3U	0.92J	<0.33U	<0.36U	<0.37U	<0.36U	<0.33U	<0.36U	<0.34U	<0.3U	<0.38U	0.95J	<0.41U	-	<0.42U	<0.35U	<0.39U
	Vanadium	mg/kg	3		11	14	19	12	18	13	14	14	14	14	14	15	9.9	15	10	26	-	14	18	13
	Zinc	mg/kg	1.2	2200	110	220	810	130	830	60	160	46	48	210	200	270	58	410	10	1600	-	170	85	390
SVOCs	1,1-Biphenyl	mg/kg	0.015		0.034J	0.031J	0.042J	0.022J	0.072J	0.079J	<0.032U	<0.016U	<0.017U	0.064J	0.032J	0.19J	0.028J	0.065J	0.073J	<0.018U	0.025J	<0.18U	<0.16U	<0.056U
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.016U	<0.016U	<0.017U	<0.015U	<0.016U	<0.016U	<0.033U	<0.017U	<0.017U	<0.016U	<0.016U	<0.016U	<0.016U	<0.017U	<0.017U	<0.018U	<0.016U	<0.19U	<0.17U	<0.057U
	1,4-Dioxane	mg/kg	0.041	9.8	<0.11U	<0.11U	<0.12U	<0.11U	<0.12U	<0.11U	<0.24U	<0.12U	<0.12U	<0.12U	<0.12U	<0.12U	<0.12U	<0.12U	<0.12U	<0.13U	<0.12U	<1.4U	<1.2U	<0.41U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.15U	<0.15U	<0.16U	<0.15U	<0.16U	<0.15U	<0.32U	<0.16U	<0.17U	<0.16U	<0.16U	<0.15U	<0.16U	<0.17U	<0.16U	<0.18U	<0.16U	<1.8U	<1.6U	<0.55U
	2,4,5-trichlorophenol	mg/kg	0.024		<0.026U	<0.026U	<0.027U	<0.025U	<0.027U	<0.026U	<0.054U	<0.027U	<0.028U	<0.027U	<0.027U	<0.026U	<0.027U	<0.029U	<0.028U	<0.03U	<0.027U	<0.31U	<0.28U	<0.095U
	2,4,6-trichlorophenol	mg/kg	0.018		<0.02U	<0.02U	<0.021U	<0.02U	<0.021U	<0.02U	<0.042U	<0.021U	<0.022U	<0.021U	<0.021U	<0.02U	<0.021U	<0.022U	<0.022U	<0.023U	<0.021U	<0.24U	<0.21U	<0.073U
	2,4-dichlorophenol	mg/kg	0.0073		<0.028U	<0.028U	<0.03U	<0.028U	<0.029U	<0.028U	<0.059U	<0.03U	<0.031U	<0.029U	<0.029U	<0.029U	<0.029U	<0.031U	<0.03U	<0.033U	<0.029U	<0.33U	<0.3U	<0.1U
	2,4-dimethylphenol	mg/kg	0.021		<0.022U	<0.023U	<0.024U	<0.022U	<0.023U	<0.022U	<0.047U	<0.024U	<0.025U	<0.023U	<0.023U	<0.023U	<0.024U	<0.025U	<0.025U	<0.026U	<0.024U	<0.27U	<0.24U	<0.082U
	2,4-dinitrophenol	mg/kg	0.43		<2UJ	<2U	<2.1U	<2U	<2.1U	<2U	<4.2U	<2.1U	<2.2U	<2.1U	<2.1U	<2.1U	<2.1U	<2.2U	<2.2U	<2.4U	<1U	<12U	<10U	<3.6U
	2,4-Dinitrotoluene	mg/kg	0.019		<0.054U	<0.055U	<0.058U	<0.054U	<0.057U	<0.055U	<0.12U	<0.058U	<0.06U	<0.056U	<0.057U	<0.056U	<0.057U	<0.06U	<0.06U	<0.064U	<0.019U	<0.22U	<0.19U	<0.066U
	2,6-dinitrotoluene	mg/kg	0.021		<0.022U	<0.022U	<0.024U	<0.022U	<0.023U	<0.022U	<0.047U	<0.024U	<0.024U	<0.023U	<0.023U	<0.023U	<0.023U	<0.025U	<0.024U	<0.026U	<0.024U	<0.27U	<0.24U	<0.082U
	2-chloronaphthalene	mg/kg	0.0075		<0.017U	<0.017U	<0.018U	<0.016U	<0.017U	<0.017U	<0.035U	<0.018U	<0.018U	<0.017U	<0.017U	<0.017U	<0.017U	<0.018U	<0.018U	<0.02U	<0.017U	<0.2U	<0.18U	<0.061U
	2-chlorophenol	mg/kg	0.016		<0.017U	<0.017U	<0.018U	<0.017U	<0.018U	<0.017U	<0.035U	<0.018U	<0.018U	<0.017U	<0.018U	<0.017U	<0.018U	<0.019U	<0.018U	<0.02U	<0.018U	<0.2U	<0.18U	<0.062U
	2-methylnaphthalene	mg/kg	0.0069		0.12	0.16	0.23	0.068J	0.44	0.31	0.1J	0.028J	<0.019UJ	0.25	0.12	0.76	0.18	0.3	0.38	<0.02U	0.13	0.25J	<0.19U	0.099J
	2-methylphenol	mg/kg	0.025	100	<0.1U	<0.1U	<0.11U	<0.1U	<0.11U	<0.1U	<0.22U	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U	<0.12U	<0.11U	<1.2U	<1.1U	<0.38U
	2-nitroaniline	mg/kg	0.15		<0.16U	<0.17U	<0.17U	<0.16U	<0.17U	<0.16U	<0.35U	<0.18U	<0.18U	<0.17U	<0.17U	<0.17U	<0.17U	<0.18U	<0.18U	<0.19U	<0.17U	<2U	<1.8U	<0.6U
	2-nitrophenol	mg/kg	0.04		<0.057U	<0.058U	<0.061U	<0.057U	<0.06U	<0.058U	<0.12U	<0.061U	<0.063U	<0.06U	<0.06U	<0.059U	<0.061U	<0.064U	<0.063U	<0.068U	<0.061U	<0.69U	<0.62U	<0.21U
	3,3-Dichlorobenzidine	mg/kg	0.038		<0.34U	<0.34U	<0.36U	<0.33U	<0.35U	<0.34U	<0.71U	<0.36U	<0.37U	<0.35U	<0.35U	<0.35U	<0.35U	<0.37U	<0.37U	<0.4U	<0.35U	<4.1U	<3.6U	<1.2U
	3-nitroaniline	mg/kg	0.085		<0.092U	<0.092U	<0.097U	<0.091U	<0.096U	<0.092U	<0.19U	<0.098U	<0.1U	<0.095U	<0.096U	<0.094U	<0.097U	<0.1U	<0.1U	<0.11U	<0.097U	<1.1U	<0.99U	<0.34U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<0.62U	<0.63U	<0.66U	<0.62U	<0.65U	<0.62U	<1.3U	<0.66U	<0.68U	<0.65U	<0.65U	<0.64U	<0.66U	<0.69U	<0.68U	<0.74U	<0.66U	<7.5U	<6.7U	<2.3U
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.025U	<0.025U	<0.027U	<0.025U	<0.026U	<0.025U	<0.053U	<0.027U	<0.028U	<0.026U	<0.026U	<0.026U	<0.027U	<0.028U	<0.028U	<0.03U	<0.027U	<0.3U	<0.27U	<0.093U
	4-chloro-3-methylphenol	mg/kg	0.016		<0.017U	<0.017U	<0.018U	<0.017U	<0.018U	<0.017U	<0.036U	<0.018U	<0.019U	<0.018U	<0.018U	<0.017U	<0.018U	<0.019U	<0.019U	<0.02U	<0.018U	<0.2U	<0.18U	<0.062U
	4-chloroaniline	mg/kg	0.013		<0.025U	<0.025U	<0.026U	<0.024U	<0.026U	<0.025U	<0.052U	<0.026U	<0.027U	<0.025U	<0.026U	<0.025U	<0.026U	<0.027U	<0.027U	<0.029U	<0.013U	<0.14U	<0.13U	<0.044U
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.022U	<0.022U	<0.023U	<0.022U	<0.023U	<0.022U	<0.046U	<0.023U	<0.024U	<0.023U	<0.023U	<0.022U	<0.023U	<0.024U	<0.024U	<0.026U	<0.023U	<0.26U	<0.23U	<0.08U
	4-methylphenol	mg/kg	0.035	34	<0.11U	<0.11U	<0.11U	<0.1U	0.17J	<0.11U	<0.22U	<0.11U	<0.12U	<0.11U	<0.11U	<0.11U	<0.11U	<0.12U	<0.12U	<0.13U	<0.11U	<1.3U	<1.1U	<0.39U
	4-nitroaniline	mg/kg	0.016		<0.018U	<0.018U	<0.019U	<0.017U	<0.018U	<0.018U	<0.037U	<0.019U	<0.019U	<0.018U	<0.018U	<0.018U	<0.018U	<0.019U	<0.019U	<0.021U	<0.018U	<0.21U	<0.19U	<0.064U
	4-nitrophenol	mg/kg	0.13		<0.25U	<0.25U	<0.27U	<0.25U	<0.27U	<0.25U	<0.54U	<0.27U	<0.28U	<0.26U	<0.26U	<0.26U	<0.27U	<0.28U	<0.28U	<0.3U	<0.27U	<3.1U	<2.7U	<0.93U
	Acenaphthene	mg/kg	0.0073	100	0.27	0.062J	0.11	0.093	0.2	0.58	0.079J	<0.022U	<0.023U	0.49	0.2	1.5	0.035J	0.34	<0.023U	<0.025U	0.035J	0.29J	<0.22U	0.089J
	Acenaphthylene	mg/kg	0.0088	100	0.03J	0.039J	0.15	0.02J	0.14	0.032J	0.084J	<0.017U	<0.017U	0.086	0.055J	0.44	<0.017U	0.1	<0.017U	0.068J	0.028J	3.5	1	0.41
	Acetophenone	mg/kg	0.018		<0.02U	0.025J	<0.021U	<0.019U	<0.021U	<0.02U	<0.041U	<0.021U	<0.021U	<0.02U	<0.02U	<0.02U	<0.021U	<0.022U	<0.021U	<0.023U	<0.021U	<0.24U	<0.21U	<0.072U
	Anthracene	mg/kg	0.0075	100	0.47	0.14	0.34	0.16	0.47	0.9	0.17	0.029J	0.041J	0.86	0.37	3.3	0.052J	0.69	0.046J	0.056J	0.063J	2	0.6J	0.45
	Atrazine	mg/kg	0.035		<0.16U	<0.16U	<0.17U	<0.16U	<0.17U	<0.16U	<0.33U	<0.17U	<0.17U	<0.16U	<0.17U	<0.16U	<0.17U	<0.18U	<0.17U	<0.19U	<0.17U	<1.9U	<1.7U	<0.58U
	Benz(a)anthracene	mg/kg	0.033	1	0.83	0.32	0.96	0.32	0.94	1.4	0.31	0.078	0.08	1.5	0.67	6.4	0.1	1.2	0.18	0.18	0.13	8.7	2.6	1.9
	Benzaldehyde	mg/kg	0.042		<0.045U	<0.045U	0.049J	<0.044U	<0.047U	<0.045U	<0.095U	<0.048U	<0.049U	<0.046U	0.053J	<0.046U	<0.047U	<0.05U	<0.049U	<0.053U	<0.047U	<0.54U	<0.48U	<0.16U
	Benzo(a) pyrene	mg/kg	0.0077	1	0.66	0.25	0.74	0.26	0.78	1.1	0.28	0.061J	0.065J	1.2	0.51	4.9	0.074J	1	0.13	0.19	0.088	10	3.2	1.8
	Benzo(b)fluoranthene	mg/kg	0.012	1	0.88	0.35	1.1	0.31	1	1.3	0.34	0.087	0.084	1.5	0.65	5.5	0.097	1.3	0.17	0.3	0.11	12	3.8	2.2
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	0.39	0.19	0.62	0.18	0.6	0.79	0.24	0.064J	0.063J	0.82	0.36	3.1	0.054J	0.69	0.1	0.2	0.091	8	2.5	1.2
	Benzo(k)fluoranthene	mg/kg	0.015	1	0.27	0.13	0.38	0.12	0.42	0.62	0.14J	0.037J	0.03J	0.47	0.24	2.3	0.033J	0.37	0.06J	0.089	0.031J	4.5	1.5	0.88
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.017U	<0.017U	<0.018U	<0.017U	<0.018U	<0.017U	<0.036U	<0.018U	<0.019U	<0.018U	<0.018U	<0.018U	<0.018U	<0.019U	<0.019U	<0.02U	<0.018U	<0.21U	<0.18U	<0.063U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.013U	<0.013U	<0.014U	<0.013U	<0.014U	<0.013U	<0.028U	<0.014U	<0.014U	<0.014U	<0.014U	<0.013U	<0.014U	<0.015U	<0.014U	<0.015UJ	<0.014U	<0.16U	<0.14U	<0.048U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.027U	<0.027U	<0.028U	<0.026U	<0.028U	<0.027U	<0.056U	<0.029U	<0.029U	<0.028U	<0.028U	<0.027U	<0.028U	<0.03U	<0.029U	<0.032U	<0.028U	<0.32U	<0.29U	<0.098U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<0.38U	<0.39U	<0.41U	<0.38U	<0.4U	<0.39U	<0.81U	<0.41U	<0.42U	<0.4U	<0.4U	<0.39U	<0.4U	<0.43U	<0.42U	<0.45U	<0.41U	<4.6U	<4.1U	<1.4U
	Butyl benzyl phthalate	mg/kg	0.049		<0.25U	<0.25U	<0.26U	<0.25U	<0.26U	<0.25U	<0.52U	<0.26U	<0.27U	<0.26U	<0.26U	<0.25U	<0.26U	<0.28U	<0.27U	<0.29U	<0.26U	<3U	<2.7U	<0.91U

				Sample Name	STI-B-131-SUB-0.17-2	STI-B-132-SS-0-0.17	STI-B-132-SUB-0.17-2	STI-B-141-SUB-0.17-2	STI-B-142-SUB-0.17-2	STI-B-143-SUB-0.17-2	STI-B-144-SUB-0.17-2	STI-B29-SS	STI-B29-SUB-0.17-2	STI-FD#4	STI-B30-SS	STI-B30-SUB-0.17-2	STI-B32-SS	STI-B32-SUB-0.17-2	STI-B33-SS	STI-B33-SUB-0.17-2	STI-B46-SS	STI-B46-SUB-0.17-2	STI-FD-6	STI-B47-SS	STI-B47-SUB-0.17-2
				Boring ID	STI-B131	STI-B132	STI-B132	STI-B141	STI-B142	STI-B143	STI-B144	STI-B29	STI-B29	STI-B29	STI-B30	STI-B30	STI-B32	STI-B32	STI-B33	STI-B33	STI-B46	STI-B46	STI-B46	STI-B47	STI-B47
				Sample Depth (ft bgs)	0.17-2	0-0.17	0.17-2	0.17-2	0.17-2	0.17-2	0.17-2	0-0.17	0.17-2	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0.17-2	0-0.17	0.17-2
				Sample Date	12/19/2019	12/20/2019	12/19/2019	12/18/2019	12/18/2019	12/18/2019	12/18/2019	10/23/2015	10/23/2015	10/23/2015	10/23/2015	10/23/2015	10/21/2015	10/21/2015	10/21/2015	10/21/2015	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016
				Lab Report	180-100367-1	180-100361-2	180-100367-1	180-100367-1	180-100367-1	180-100367-1	180-100367-1	180-49063-1	180-49063-1	180-49063-1	180-49063-1	180-49063-1	180-48975-1	180-48975-1	180-48975-1	180-48975-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
PCBs	Aroclor 1016	mg/kg	0.0058		-	-	-	-	-	-	-	<0.0091U	<0.0081U	<0.0082U	<0.0091U	<0.0084U	<0.0096U	<0.0088U	<0.01U	<0.0088U	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		-	-	-	-	-	-	-	<0.014U	<0.013U	<0.013U	<0.014U	<0.013U	<0.015U	<0.014U	<0.016U	<0.014U	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		-	-	-	-	-	-	-	<0.005U	<0.0045U	<0.0045U	<0.005U	<0.0046U	<0.0053U	<0.0048U	<0.0056U	<0.0048U	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		-	-	-	-	-	-	-	<0.0073U	<0.0066U	<0.0066U	<0.0073U	<0.0068U	<0.0077U	<0.0071U	<0.0082U	<0.0071U	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		-	-	-	-	-	-	-	0.3	0.027	0.027	0.008J	0.0047J	<0.0049U	<0.0045U	<0.0052U	<0.0045U	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		-	-	-	-	-	-	-	<0.0073U	<0.0066U	<0.0066U	<0.0073U	<0.0068U	<0.0077U	<0.0071U	<0.0082U	<0.0071U	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		-	-	-	-	-	-	-	0.068	0.0083J	0.015J	<0.0068U	<0.0063U	0.028	<0.0066U	<0.0076U	<0.0066U	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		-	-	-	-	-	-	-	<0.0062U	<0.0055U	<0.0055U	<0.0061U	<0.0057U	<0.0065U	<0.006U	<0.0069U	<0.0059U	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		-	-	-	-	-	-	-	<0.0037U	<0.0033U	<0.0033U	<0.0037U	<0.0034U	<0.0039U	<0.0036U	<0.0041U	<0.0036U	-	-	-	-	-
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	0.368	0.0353	0.042	0.008	0.0047	0.028	<0	<0	<0	-	-	-	-	-
Metals	Aluminum	mg/kg	12		8000	7500	9000	11,000	8200	8500	7900	7700	7900	7900B	7700	8200	9000	11,000	12,000	13,000	9000	9700	9900	11,000	12,000
	Antimony	mg/kg	0.24		<0.38U	<0.83U	<0.35U	<0.41U	0.58J	<0.35U	<0.42U	18	0.38J	<0.28UJ	<0.32U	0.88J	1.5	0.87J	1J	0.69J	0.7J	<0.33U	<0.39U	<0.36U	<0.35U
	Arsenic	mg/kg	0.6	16	6.6	13	8.8	8	9.9	7	8.4	16	5.2	6.7	7.1	7.5	10	7.3	7.6	6.6	9.5	8.9	8.3	6.6	5.6
	Barium	mg/kg	12	350	150	210	110	250	750	120	880	210	55	81	160	410	210	160	170	140	84	65	68	130	140
	Beryllium	mg/kg	0.24	14	0.37J	0.36J	0.41	0.51	0.43	0.4J	0.43J	0.38J	0.34J	0.33J	0.39J	0.42J	0.45J	0.47	0.55	0.56	0.44J	0.43	0.45	0.47	0.51
	Cadmium	mg/kg	0.3	2.5	0.59	1	0.38J	0.28J	0.23J	0.17J	0.29J	0.48J	0.093J	0.2J	0.2J	0.049J	1.1	0.35J	0.26J	0.047J	0.39J	0.21J	0.24J	0.23J	0.14J
	Calcium	mg/kg	300		35,000	4600	30,000	31,000	12,000	25,000	30,000	11,000	20,000	23,000	43,000	10,000	5200	2100	3400	530J	2700	1300	1300	2200	710
	Chromium (hexavalent)	mg/kg	0.24	22	<0.24UJ	0.43J	<0.25UJ	0.44J	<0.26UJ	0.29J	<0.26UJ	-	-	-	-	-	-	-	-	-	0.17J	0.2J	0.21J	0.6	0.26J
	Chromium (III+VI)	mg/kg	0.3	22	16	24	16	18	15	11	16	33B	10B	11B	11B	51B	24B	15B	14B	14B	12	13	14	12	12
	Cobalt	mg/kg	3		7.4	9.6	7.8	9.3	8.4	7.3	6.9	11	6.7	6.8	6.4	5.9	7.2	7.9	8.4	9.2	7.8	8.3	8.2	7.1	7.6
	Copper	mg/kg	1.5	270	100	210	64	51	80	36	220	230	26J	71J	29	24	41	27	16	11	25	21	22	14	26
	Iron	mg/kg	6		20,000	71,000	23,000	22,000	30,000	20,000	25,000	110,000	18,000	19,000	16,000	17,000	16,000	19,000	20,000	21,000	20,000	21,000	21,000	17,000	18,000
	Lead	mg/kg	0.6	400	89	160	73	77	250	50	2000	160	22J	40J	130	400	530	160	34	16	330	110	120	94	38
	Magnesium	mg/kg	300		5400	2300	5200	3000	2800	5700	6100	2500	4500	4600	8100	2500	2300	2600	2700	2600	2500	2700	2700	2300	2300
	Manganese	mg/kg	0.9	2000	440	660	400	420	480	550	620	610	300	380B	390	430	500	510	1000	860	430	370	400	630	640
	Mercury	mg/kg	0.027	0.81	0.061	0.077	0.05	0.06	0.065	0.046	0.08	0.052	0.019J	0.028J	0.07	0.14	0.2	0.079	0.075	0.036J	0.069	0.039	0.027J	0.069	0.034
	Nickel	mg/kg	2.4	140	54	110	36	35	38	20	31	110	22	32	22	19	18	18	18	18	20	21	21	15	16
	Potassium	mg/kg	300		780	710	820	950	800	700	790	730	600	580	1100	630	1300	870	1100	770	800	640	690	810	580
	Selenium	mg/kg	0.33	36	1.3	0.63J	0.78J	0.78J	0.67J	0.59J	0.89J	1.3	0.46J	<0.33UJ	0.97J	0.67J	0.66J	<0.36U	0.63J	<0.34U	0.56J	<0.37U,^	<0.44U,^	0.69J	0.63J
	Silver	mg/kg	0.063	36	<0.12U	<0.13U	<0.11U	<0.13U	<0.11U	<0.11U	<0.13U	0.096J	<0.069U	<0.07U	<0.078U	<0.072U	<0.088U	<0.075U	<0.093U	<0.072U	<0.19U	<0.15U	<0.18U	<0.17U	<0.16U
	Sodium	mg/kg	36		100J	<73U	200J	88J	530	64J	160J	61J	78J	83J	88J	94J	56J	33J	33J	24J	<160U	<130U	<150U	<140U	<140U
	Thallium	mg/kg	0.19		<0.36U	0.72J	<0.33U	<0.38U	0.4J	<0.33U	<0.39U	0.32J	<0.28U	<0.28U	<0.32U	<0.29U	<0.36U	<0.3U	<0.38U	<0.29U	<0.57U	<0.46U	<0.55U	<0.51U	<0.49U
	Vanadium	mg/kg	3		15	16	18	16	16	13	13	16	15	15	14	13	18	17	18	19	17	16	17	15	16
	Zinc	mg/kg	1.2	2200	200	380	150	95	99	65	91	360	70J	110J	83	61	260	130	120	58	160	120	130	82	65
SVOCs	1,1-Biphenyl	mg/kg	0.015		<0.08U	<0.035U	<0.16U	-	-	-	-	<0.035U	<0.064U	<0.32U	0.035J	0.042J	<0.075U	<0.034U	<0.039U	<0.034U	-	-	-	-	-
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.082U	<0.036U	<0.17U	-	-	-	-	<0.03U	<0.055U	<0.27U	<0.03U	<0.027U	<0.064U	<0.029U	<0.033U	<0.029U	-	-	-	-	-
	1,4-Dioxane	mg/kg	0.041	9.8	<0.59U	<0.26U	<1.2U	-	-	-	-	<0.045U	<0.083U	<0.41U	<0.045U	<0.041U	<0.097U	<0.044U	<0.05U	<0.044U	-	-	-	-	-
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.79U	<0.35U	<1.6U	-	-	-	-	<0.025U	<0.046U	<0.23U	<0.025U	<0.023U	<0.054U	<0.025U	<0.028U	<0.025U	-	-	-	-	-
	2,4,5-trichlorophenol	mg/kg	0.024		<0.14U	<0.059U	<0.28U	-	-	-	-	<0.042U	<0.077U	<0.38U	<0.042U	<0.039U	<0.09U	<0.041U	<0.047U	<0.041U	-	-	-	-	-
	2,4,6-trichlorophenol	mg/kg	0.018		<0.1U	<0.045U	<0.21U	-	-	-	-	<0.059U	<0.11U	<0.54U	<0.059U	<0.054U	<0.13U	<0.057U	<0.066U	<0.057U	-	-	-	-	-
	2,4-dichlorophenol	mg/kg	0.0073		<0.15U	<0.064U	<0.3U	-	-	-	-	<0.0079U	<0.014U	<0.072U	<0.0079U	<0.0073U	<0.017U	<0.0077U	<0.0088U	<0.0077U	-	-	-	-	-
	2,4-dimethylphenol	mg/kg	0.021		<0.12U	<0.051U	<0.24U	-	-	-	-	<0.062U	<0.11U	<0.56U	<0.062U	<0.057U	<0.13U	<0.06U	<0.069U	<0.06U	-	-	-	-	-
	2,4-dinitrophenol	mg/kg	0.43		<5.1U	<2.2U	<10U	-	-	-	-	<0.47U	<0.86U	<4.3U	<0.47U	<0.43U	<1U	<0.45U	<0.52U	<0.46U	-	-	-	-	-
	2,4-Dinitrotoluene	mg/kg	0.019		<0.095U	<0.041U	<0.19U	-	-	-	-	<0.032U	<0.058U	<0.29U	<0.032U	<0.029U	<0.068U	<0.031U	<0.036U	<0.031U	-	-	-	-	-
	2,6-dinitrotoluene	mg/kg	0.021		<0.12U	<0.051U	<0.24U	-	-	-	-	<0.041U	<0.074U	<0.37U	<0.041U	<0.037U	<0.087U	<0.039U	<0.045U	<0.04U	-	-	-	-	-
	2-chloronaphthalene	mg/kg	0.0075		<0.087U	<0.038U	<0.18U	-	-	-	-	<0.0082U	<0.015U	<0.075U	<0.0082U	<0.0075U	<0.018U	<0.008U	<0.0092U	<0.008U	-	-	-	-	-
	2-chlorophenol	mg/kg	0.016		<0.089U	<0.039U	<0.18U	-	-	-	-	<0.032U	<0.059U	<0.29U	<0.032U	<0.03U	<0.069U	<0.031U	<0.036U	<0.031U	-	-	-	-	-
	2-methylnaphthalene	mg/kg	0.0069		<0.091U	0.074J	<0.19U	-	-	-	-	0.032J	0.021J	0.081J	0.18	0.26	0.064J	0.012J	<0.0079U	<0.0069U	-	-	-	-	-
	2-methylphenol	mg/kg	0.025	100	<0.55U	<0.24U	<1.1U	-	-	-	-	<0.028U	<0.05U	<0.25U	<0.028U	<0.025U	<0.059U	<0.027U	<0.031U	<0.027U	-	-	-	-	-
	2-nitroaniline	mg/kg	0.15		<0.87U	<0.38U	<1.8U	-	-	-	-	<0.18U	<0.32U	<1.6U	<0.18U	<0.16U	<0.38U	<0.17U	<0.2U	<0.17U	-	-	-	-	-
	2-nitrophenol	mg/kg	0.04		<0.3U	<0.13U	<0.62U	-	-	-	-	<0.044U	<0.079U	<0.4U	<0.044U	<0.04U	<0.093U	<0.042U	<0.049U	<0.042U	-	-	-	-	-
	3,3-Dichlorobenzidine	mg/kg	0.038		<1.8U	<0.77U	<3.6U	-	-	-	-	<0.042U	<0.076U	<0.38U	<0.042U	<0.038U	<0.089U	<0.04U	<0.047U	<0.04U	-	-	-	-	-
	3-nitroaniline	mg/kg	0.085		<0.48U	<0.21U	<0.99U	-	-	-	-	<0.16U	<0.3U	<1.5U	<0.16U	<0.15U	<0.35U	<0.16U	<0.18U	<0.16U	-	-	-	-	-
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<3.3U	<1.4U	<6.7U	-	-	-	-	<0.16U	<0.29U	<1.4U	<0.16U	<0.15U	<0.34U	<0.15U	<0.18U	<0.15U	-	-	-	-	-
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.13U	<0.058U	<0.27U	-	-	-	-	<0.034U	<0.063U	<0.31U	<0.034U	<0.031U	<0.073U	<0.033U	<0.038U	<0.033U	-	-	-	-	-
	4-chloro-3-methylphenol	mg/kg	0.016		<0.09U	<0.039U	<0.18U	-	-	-	-	<0.036U	<0.066U	<0.33U	<0.036U	<0.033U	<0.078U	<0.035U	<0.041U	<0.035U	-	-	-	-	-
	4-chloroaniline	mg/kg	0.013		<0.063U	<0.028U	<0.13U	-	-	-	-	<0.032U	<0.058U	<0.29U	<0.032U	<0.029U	<0.068U	<0.031U	<0.035U	<0.031U	-	-	-	-	-
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.12U	<0.05U	<0.23U	-	-	-	-	<0.044U	<0.08U	<0.4U	<0.044U	<0.04U	<0.094U	<0.042U	<0.049U	<0.043U	-	-	-	-	-
	4-methylphenol	mg/kg	0.035	34	<0.56U	<0.24U	<1.1U	-	-	-	-	<0.039U	<0.071U	<0.35U	<0.039U	<0.035U	<0.083U	<0.037U	<0.043U	<0.037U	-	-	-	-	-
	4-nitroaniline	mg/kg	0.016		<0.093U	<0.04U	<0.19U	-	-	-	-	<0.16U	<0.29U	<1.5U	<0.16U	<0.15U	<0.34U	<0.15U	<0.18U	<0.16U	-	-	-	-	-
	4-nitrophenol	mg/kg	0.13		<1.3U	<0.58U	<2.7U	-	-	-	-	<0.14U	<0.26U	<1.3U	<0.14U	<0.13U	<0.31U	<0.14U	<0.16U	<0.14U	-	-	-	-	-
	Acenaphthene	mg/kg	0.0073	100	<0.11U	0.05J	<0.22U	-	-	-	-	0.018J	<0.014U	<0.069U	0.026J	0.031J	0.063J	<0.0073U	<0.0085U	<0.0074U	-	-	-	-	-
	Acenaphthylene	mg/kg	0.0088	100	1.4	0.23	3.6J	-	-	-	-	0.12	0.41	1.4	0.23	0.32	0.51	0.082	0.028J	<0.0088U	-	-	-	-	-
	Acetophenone	mg/kg	0.018		<0.1U	<0.045U	<0.21U	-	-	-	-	<0.032U	<0.059U	<0.29U	<0.032U	<0.03U	<0.069U	<0.031U	<0.036U	<0.031U	-	-	-	-	-
	Anthracene	mg/kg	0.0075	100	0.68	0.23	1.7J	-	-	-	-	0.11	0.18	0.69J	0.15	0.21	0.43	0.052J	0.032J	<0.0075U	-	-	-	-	-
	Atrazine	mg/kg	0.035		<0.83U	<0.36U	<1.7U	-	-	-	-	<0.038U	<0.07U	<0.35U	<0.038U	<0.035U	<0.082U	<0.037U	<0.043U	<0.037U	-	-	-	-	-
	Benz(a)anthracene	mg/kg	0.033	1	1.6	0.93	3.6J	-	-	-	-	0.42	0.36	1.2	0.39	0.56	0.9	0.13	0.14	0.025J	-	-	-	-	-
	Benzaldehyde	mg/kg	0.042		<0.24U	<0.1U	<0.48U	-	-	-	-	<0.059U	<0.11U	<0.54U	<0.059U	<0.054U	<0.13U	<0.057U	<0.066U	<0.057U	-	-	-	-	-
	Benzo(a) pyrene	mg/kg	0.0077	1	1.9	0.91	4.6J	-	-	-	-	0.47	0.57	1.9	0.41	0.56	0.98	0.14	0.17	<0.0077U	-	-	-	-	-
	Benzo(b)fluoranthene	mg/kg	0.012	1	2.4	1.2	5.3J	-	-	-	-	0.59	0.7	2.5	0.54	0.66	1.2	0.17	0.21	<0.012U	-	-	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	2	0.73	5.8J	-	-	-	-	0.51	0.82	2.6	0.35	0.44	0.91	0.13	0.17	<0.0076U	-	-	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.015	1	0.77	0.36	2.2J	-	-	-	-	0.27	0.3	0.78	0.19	0.26	0.38	0.072J	0.12	<0.015U	-	-	-	-	-
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.091U	<0.04U	<0.18U	-	-	-	-	<0.026U	<0.047U	<0.24U	<0.026U	<0.024U	<0.056U	<0.025U	<0.029U	<0.025U	-	-	-	-	-
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.069U	<0.03U	<0.14U	-	-	-	-	<0.011U	<0.019U	<0.096U	<0.011U	<0.0097U	<0.023U	<0.01U	<0.012U	<0.01U	-	-	-	-	-
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.14U	<0.061U	<0.29U	-	-	-	-	<0.0085U	<0.016U	<0.077U	<0.0085U	<0.0078U	<0.018U	<0.0082U	<0.0095U	<0.0083U	-	-	-	-	-
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<2U	<0.88U	<4.1U	-	-	-	-	<0.064U	<0.12U	<0.58U	<0.064U	<0.058U	<0.14U	<0.062U	0.27J	<0.062U	-	-	-	-	-
	Butyl benzyl phthalate	mg/kg	0.049		<1.3U	<0.57U	<2.7U	-	-	-	-	<0.054U	<0.098U	<0.49U	<0.054U	<0.049U	<0.12U	<0.052U	<0.06U	<0.052U	-	-	-	-	-

				Sample Name	STI-B48-SS	STI-B48-SUB-0.17-2	STI-S001A-052220	STI-S001B-052220	STI-S002A-052220	STI-S002B-052220	STI-S003A-052220	STI-S003B-052220	STI-S004A-052220	STI-S004B-052220	STI-S005A-052220	STI-S005B-052220	STI-S006A-052220	STI-S006B-052220	STI-S007A-052720	STI-S007B-052820	STI-S008A-052720	STI-S008B-052820	STI-S009A-052720	STI-S009B-052820
				Boring ID	STI-B48	STI-B48	STI-S001	STI-S001	STI-S002	STI-S002	STI-S003	STI-S003	STI-S004	STI-S004	STI-S005	STI-S005	STI-S006	STI-S006	STI-S007	STI-S007	STI-S008	STI-S008	STI-S009	STI-S009
				Sample Depth (ft bgs)	0-0.17	0.17-2	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1
				Sample Date	9/9/2016	9/9/2016	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/27/2020	5/28/2020	5/27/2020	5/28/2020	5/27/2020	5/28/2020
				Lab Report	180-58503-1	180-58503-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106322-1	180-106322-1	180-106322-1	180-106322-1	180-106322-1	180-106322-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																				
PCBs	Aroclor 1016	mg/kg	0.0058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Aluminum	mg/kg	12		9900	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Antimony	mg/kg	0.24		0.73J	<0.35UJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arsenic	mg/kg	0.6	16	7.7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Barium	mg/kg	12	350	190	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Beryllium	mg/kg	0.24	14	0.47	0.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cadmium	mg/kg	0.3	2.5	0.54	0.3J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Calcium	mg/kg	300		2800	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (hexavalent)	mg/kg	0.24	22	0.35J	0.37J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.3	22	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cobalt	mg/kg	3		7.1	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Copper	mg/kg	1.5	270	28	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Iron	mg/kg	6		17,000	19,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lead	mg/kg	0.6	400	320	130J+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Magnesium	mg/kg	300		2300	2400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Manganese	mg/kg	0.9	2000	650	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/kg	0.027	0.81	0.48	0.29J-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/kg	2.4	140	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Potassium	mg/kg	300		1000	670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/kg	0.33	36	0.81J	0.86J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Silver	mg/kg	0.063	36	0.23J	<0.17U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sodium	mg/kg	36		<140U	<140U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thallium	mg/kg	0.19		<0.52U	<0.5U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/kg	3		15	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/kg	1.2	2200	220	120J+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs	1,1-Biphenyl	mg/kg	0.015		-	-	11J	0.1J	7.8J	0.049J	11J	0.46J	7.6J	2.6J	24J	1.4J	6.7J	0.059J	0.35J	0.076J	2.8J	1.1J	0.58J	0.11J
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		-	-	<0.67U	<0.017U	<0.61U	<0.016U	<0.8U	<0.031U	<0.68U	<0.41U	<1.6U	<0.035U	<0.64U	<0.016U	<0.15U	<0.031U	<0.15U	<0.16U	<0.16U	<0.017U
	1,4-Dioxane	mg/kg	0.041	9.8	-	-	<4.8UJ	<0.12UJ	<4.4UJ	<0.12UJ	<5.8UJ	<0.22UJ	<4.9UJ	<3UJ	<11UJ	<0.25U	<4.7UJ	<0.11UJ	<1.1U	<0.23U	<1.1U	<1.2U	<1.2U	<0.12U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		-	-	<6.5U	<0.16U	<5.9U	<0.16U	<7.7U	<0.3U	<6.6U	<4U	<15U	<0.34U	<6.2U	<0.15U	<1.5U	<0.3U	<1.5U	<1.6U	<1.6U	<0.17U
	2,4,5-trichlorophenol	mg/kg	0.024		-	-	<1.1U	<0.028U	<1U	<0.027U	<1.3U	<0.051U	<1.1U	<0.68U	<2.6U	<0.058U	<1.1U	<0.026U	<0.25U	<0.052U	<0.25U	<0.27U	<0.27U	<0.028U
	2,4,6-trichlorophenol	mg/kg	0.018		-	-	<0.85U	<0.021U	<0.78U	<0.02U	<1U	<0.039U	<0.87U	<0.52U	<2U	<0.044U	<0.82U	<0.02U	<0.2U	<0.04U	<0.2U	<0.21U	<0.21U	<0.022U
	2,4-dichlorophenol	mg/kg	0.0073		-	-	<1.2U	<0.03U	<1.1U	<0.029U	<1.4U	<0.055U	<1.2U	<0.74U	<2.8U	<0.062U	<1.2U	<0.028U	<0.27U	<0.056U	<0.28U	<0.29U	<0.29U	<0.031U
	2,4-dimethylphenol	mg/kg	0.021		-	-	1.5J	<0.024U	1J	<0.023U	1.7J	0.058J	<0.98U	<0.59U	3.3J	<0.38 - 0.2J	0.98J	<0.022U	<0.22U	<0.045U	<0.22U	<0.24U	<0.24U	<0.025U
	2,4-dinitrophenol	mg/kg	0.43		-	-	<86U	<2.1U	<79U	<2.1U	<100U	<4U	<88U	<53U	<200U	<4.5U	<83U	<2U	<20U	<4U	<20U	<21U	<21U	<2.2U
	2,4-Dinitrotoluene	mg/kg	0.019		-	-	<2.3U	<0.058U	<2.1U	<0.056U	<2.8U	<0.11U	<2.4U	<1.4U	<5.5U	<0.12U	<2.3U	<0.054U	<0.54U	<0.11U	<0.54U	<0.57U	<0.58U	<0.06U
	2,6-dinitrotoluene	mg/kg	0.021		-	-	<0.96U	<0.024U	<0.88U	<0.023U	<1.1U	<0.044U	<0.98U	<0.59U	<2.2U	<0.05U	<0.92U	<0.022U	<0.22U	<0.045U	<0.22U	<0.24U	<0.24U	<0.025U
	2-chloronaphthalene	mg/kg	0.0075		-	-	<0.71U	<0.018U	<0.65U	<0.017U	<0.85U	<0.033U	<0.72U	<0.44U	<1.7U	<0.037U	<0.69U	<0.017U	<0.16U	<0.033U	<0.16U	<0.17U	<0.18U	<0.018U
	2-chlorophenol	mg/kg	0.016		-	-	<0.72U	<0.018U	<0.66U	<0.017U	<0.86U	<0.033U	<0.73U	<0.44U	<1.7U	<0.038U	<0.69U	<0.017U	<0.17U	<0.034U	<0.17U	<0.18U	<0.18U	<0.018U
	2-methylnaphthalene	mg/kg	0.0069		-	-	46	0.53	35	0.2	51	1.9	31	10	110	5.9 - 6.1	30	0.23	1.3	0.25	10	4	2.1	0.38
	2-methylphenol	mg/kg	0.025	100	-	-	<4.4U	<0.11U	<4.1U	<0.11U	<5.3U	<0.21U	<4.5U	<2.7U	<10U	<0.23U	<4.3U	<0.1U	<1U	<0.21U	<1U	<1.1U	<1.1U	<0.11U
	2-nitroaniline	mg/kg	0.15		-	-	<7.1U	<0.18U	<6.5U	<0.17U	<8.4U	<0.33U	<7.2U	<4.4U	<17U	<0.37U	<6.8U	<0.16U	<1.6U	<0.33U	<1.6U	<1.7U	<1.7U	<0.18U
	2-nitrophenol	mg/kg	0.04		-	-	<2.5U	<0.062U	<2.3U	<0.059U	<2.9U	<0.11U	<2.5U	<1.5U	<5.8U	<0.13U	<2.4U	<0.058U	<0.57U	<0.12U	<0.57U	<0.61U	<0.61U	<0.063U
	3,3-Dichlorobenzidine	mg/kg	0.038		-	-	<14U	<0.36U	<13U	<0.35U	<17U	<0.67U	<15U	<8.9U	<34U	<0.76U	<14U	<0.34U	<3.3U	<0.68U	<3.3U	<3.6U	<3.6U	<0.37U
	3-nitroaniline	mg/kg	0.085		-	-	<3.9U	<0.098U	<3.6U	<0.095U	<4.7U	<0.18U	<4U	<2.4U	<9.2U	<0.21U	<3.8U	<0.092U	<0.91U	<0.18U	<0.91U	<0.97U	<0.97U	<0.1U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		-	-	<27U	<0.67U	<25U	<0.64U	<32U	<1.2U	<27U	<16U	<63U	<1.4U	<26U	<0.62U	<6.1U	<1.3U	<6.2U	<6.6U	<6.6U	<0.68U
	4-bromophenyl phenyl ether	mg/kg	0.023		-	-	<1.1U	<0.027U	<0.99U	<0.026U	<1.3U	<0.05U	<1.1U	<0.67U	<2.5U	<0.057U	<1U	<0.025U	<0.25U	<0.051U	<0.25U	<0.27U	<0.27U	<0.028U
	4-chloro-3-methylphenol	mg/kg	0.016		-	-	<0.73U	<0.018U	<0.67U	<0.018U	<0.87U	<0.034U	<0.74U	<0.45U	<1.7U	<0.038U	<0.7U	<0.017U	<0.17U	<0.034U	<0.17U	<0.18U	<0.18U	<0.019U
	4-chloroaniline	mg/kg	0.013		-	-	<1.1U	<0.026U	<0.97U	<0.025U	<1.3U	<0.049U	<1.1U	<0.65U	<2.5U	<0.055U	<1U	<0.025U	<0.24U	<0.049U	<0.24U	<0.26U	<0.26U	<0.027U
	4-chlorophenyl phenyl ether	mg/kg	0.02		-	-	<0.94U	<0.023U	<0.86U	<0.023U	<1.1U	<0.044U	<0.96U	<0.58U	<2.2U	<0.049U	<0.9U	<0.022U	<0.22U	<0.044U	<0.22U	<0.23U	<0.23U	<0.024U
	4-methylphenol	mg/kg	0.035	34	-	-	<4.6U	<0.11U	<4.2U	<0.11U	<5.4U	<0.21U	<4.6U	<2.8U	<11U	<1.8 - 0.39J	<4.4U	<0.11U	<1U	<0.21U	<1U	<1.1U	<1.1U	<0.12U
	4-nitroaniline	mg/kg	0.016		-	-	<0.75U	<0.019U	<0.69U	<0.018U	<0.9U	<0.035U	<0.77U	<0.46U	<1.8U	<0.039U	<0.73U	<0.018U	<0.17U	<0.035U	<0.17U	<0.19U	<0.19U	<0.019U
	4-nitrophenol	mg/kg	0.13		-	-	<11U	<0.27U	<10U	<0.26U	<13U	<0.5U	<11U	<6.7U	<25U	<0.57U	<10U	<0.25U	<2.5U	<0.51U	<2.5U	<2.7U	<2.7U	<0.28U
	Acenaphthene	mg/kg	0.0073	100	-	-	100	0.82	84	0.46	110	5.2	73	27	210	13 - 14	64	0.61	4.5	0.95	22	9.2	5.9	1.1
	Acenaphthylene	mg/kg	0.0088	100	-	-	2.4J	0.27	2.3J	0.088	3J	0.21	3J	4	7.3	1 - 1.1J	2.8J	0.064J	4.1	0.52	1.2	1.1	0.45J	0.078J
	Acetophenone	mg/kg	0.018		-	-	<0.84U	0.028J	<0.77U	<0.02U	<1U	<0.039U	<0.86U	<0.52U	<2U	<0.044U	<0.81U	<0.02U	<0.19U	<0.039U	<0.19U	<0.21U	<0.21U	<0.022U
	Anthracene	mg/kg	0.0075	100	-	-	170	1.6	130	0.9	180	9.3	130	51	360	21 - 23	110	1.2	11	2.1	45	18	12	2.3
	Atrazine	mg/kg	0.035		-	-	<6.8U	<0.17U	<6.2U	<0.16U	<8.1U	<0.31U	<6.9U	<4.2U	<16U	<0.35U	<6.5U	<0.16U	<1.6U	<0.32U	<1.6U	<1.7U	<1.7U	<0.17U
	Benz(a)anthracene	mg/kg	0.033	1	-	-	240	2.7	200	1.8	230	14	170	78	470	33	160	1.9	23	4.1	63	27	18	3.2
	Benzaldehyde	mg/kg	0.042		-	-	<1.9U	<0.048U	<1.8U	<0.046U	<2.3U	<0.089U	<2U	<1.2U	<4.5U	<0.1U	<1.9U	<0.045U	<0.44U	<0.09U	<0.44U	<0.47U	<0.47U	<0.049U
	Benzo(a) pyrene	mg/kg	0.0077	1	-	-	190	2.2	150	1.6	180	11	130	60	340	25 - 27	120	1.5	21	3.5	49	21	14	2.4
	Benzo(b)fluoranthene	mg/kg	0.012	1	-	-	230	2.8	180	1.8	210	14	150	69	410	31 - 33	140	1.7	24	4	52	24	16	2.8
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	-	-	93	1.2	75	0.86	88	5.9	63	32	170	14 - 16	58	0.82	13	2.2	26	12	7.9	1.4
	Benzo(k)fluoranthene	mg/kg	0.015	1	-	-	100	1.2	69	0.9	86	5.4	66	30	160	10 - 13	56	0.79	10	1.8	27	10	7.4	1.3
	Bis(2-chloroethoxy) methane	mg/kg	0.016		-	-	<0.74U	<0.018U	<0.68U	<0.018U	<0.88U	<0.034U	<0.75U	<0.46U	<1.7U	<0.039U	<0.71U	<0.017U	<0.17UJ	<0.035UJ	<0.17UJ	<0.18UJ	<0.18UJ	<0.019UJ
	Bis(2-chloroethyl)ether	mg/kg	0.0097		-	-	<0.56U	<0.014U	<0.52U	<0.014U	<0.67U	<0.026U	<0.57U	<0.35U	<1.3U	<0.029U	<0.54U	<0.013U	<0.13U	<0.026U	<0.13U	<0.14U	<0.14U	<0.014U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		-	-	<1.1U	<0.029U	<1.1U	<0.028U	<1.4U	<0.053U	<1.2U	<0.71U	<2.7U	<0.06U	<1.1U	<0.027U	<0.26U	<0.054U	<0.26U	<0.28U	<0.28U	<0.029U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		-	-	<17U	<0.41U	<15U	<0.4U	<20U	<0.76U	<17U	<10U	<39U	<0.86U	<16U	<0.38U	<3.8U	<0.77U	<3.8U	<4.1U	<4.1U	<0.42U
	Butyl benzyl phthalate	mg/kg	0.049		-	-	<11U	<0.27U	<9.8U	<0.26U	<13U	<0.49U	<11U	<6.6U	<25U	<0.56U	<10U	<0.25U	<2.4U	<0.5U	<2.5U	<2.6U	<2.6U	<0.27U

				Sample Name	STI-S010A-060120	STI-S010B-060120	STI-S011-060120	STI-S012-060120	STI-S013-060120	STI-S014-060120	STI-S015-060120 (DUP-2)	STI-S015-060120	STI-S016-060120	STI-S017-060120	STI-S018-060120	STI-S019-060120	STI-S020-060120	STI-S021-060220	STI-S022-060220	STI-S023-060220	STI-S024-060220	STI-S025-060220 (DUP-4)	STI-S025-060220	STI-S026-060220	STI-S027-060320
				Boring ID	STI-S010	STI-S010	STI-S011	STI-S012	STI-S013	STI-S014	STI-S015	STI-S015	STI-S016	STI-S017	STI-S018	STI-S019	STI-S020	STI-S021	STI-S022	STI-S023	STI-S024	STI-S025	STI-S025	STI-S026	STI-S027
				Sample Depth (ft bgs)	0-0.5	0.5-1	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/3/2020
				Lab Report	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106577-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
PCBs	Aroclor 1016	mg/kg	0.0058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0059U
	Aroclor 1221	mg/kg	0.0063		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0064U
	Aroclor 1232	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0044U
	Aroclor 1242	mg/kg	0.0026		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0027U
	Aroclor 1248	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.048J
	Aroclor 1254	mg/kg	0.0053		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.033J
	Aroclor 1260	mg/kg	0.0051		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02J
	Aroclor 1262	mg/kg	0.0055		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0064U
	Aroclor 1268	mg/kg	0.0024		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0024U
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1151
Metals	Aluminum	mg/kg	12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Antimony	mg/kg	0.24		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Arsenic	mg/kg	0.6	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Barium	mg/kg	12	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Beryllium	mg/kg	0.24	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cadmium	mg/kg	0.3	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Calcium	mg/kg	300		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.3	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cobalt	mg/kg	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Copper	mg/kg	1.5	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Iron	mg/kg	6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lead	mg/kg	0.6	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Magnesium	mg/kg	300		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Manganese	mg/kg	0.9	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/kg	0.027	0.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/kg	2.4	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Potassium	mg/kg	300		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/kg	0.33	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Silver	mg/kg	0.063	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sodium	mg/kg	36		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thallium	mg/kg	0.19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/kg	3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/kg	1.2	2200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs	1,1-Biphenyl	mg/kg	0.015		12J	1.6J	<0.38U	<0.59U	0.46J	<0.15U	0.33J	0.74J	<0.36U	<0.074U	0.032J	<0.23U	0.63J	0.023J	<0.016U	0.021J	<0.016U	0.057J	0.041J	<0.045U	-
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.84U	<0.33U	<0.39U	<0.61U	<0.38U	<0.15U	<0.062U	<0.12U	<0.37U	<0.076U	<0.015U	<0.24U	<0.08U	<0.015U	<0.017U	<0.016U	<0.016U	<0.016U	<0.016U	<0.046U	-
	1,4-Dioxane	mg/kg	0.041	9.8	<6.1U	<2.4U	<2.8U	<4.4U	<2.7UJ	<1.1U	<0.45U	<0.88U	<2.6U	<0.55U	<0.11UJ	<1.7UJ	<0.58UJ	<0.11UJ	<0.12UJ	<0.11UJ	<0.12UJ	<0.11U	<0.11UJ	<0.33UJ	-
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<8.2U	<3.2U	<3.7U	<5.9U	<3.6U	<1.5U	<0.6U	<1.2U	<3.5U	<0.73U	<0.14U	<2.3U	<0.77U	<0.14U	<0.16U	<0.15U	<0.16U	<0.15U	<0.15U	<0.45U	-
	2,4,5-trichlorophenol	mg/kg	0.024		<1.4U	<0.55U	<0.64U	<1U	<0.62U	<0.25U	<0.1U	<0.2U	<0.61U	<0.13U	<0.024U	<0.4U	<0.13U	<0.024U	<0.028U	<0.026U	<0.027U	<0.026U	<0.026U	<0.076U	-
	2,4,6-trichlorophenol	mg/kg	0.018		<1.1U	<0.42U	<0.49U	<0.78U	<0.48U	<0.19U	<0.079U	<0.16U	<0.47U	<0.096U	<0.018U	<0.31U	<0.1U	<0.019U	<0.021U	<0.02U	<0.021U	<0.02U	<0.02U	<0.059U	-
	2,4-dichlorophenol	mg/kg	0.0073		<1.5U	<0.59U	<0.69U	<1.1U	<0.67U	<0.27U	<0.11U	<0.22U	<0.65U	<0.14U	<0.026U	<0.43U	<0.14U	<0.026U	<0.03U	<0.028U	<0.029U	<0.028U	<0.028U	<0.082U	-
	2,4-dimethylphenol	mg/kg	0.021		1.6J	<0.47U	<0.56U	<0.88U	<0.54U	<0.22U	<0.089U	<0.18U	<0.53U	<0.11U	<0.021U	<0.35U	<0.11U	<0.021U	<0.024U	<0.022U	<0.023U	<0.022U	<0.023U	<0.066U	-
	2,4-dinitrophenol	mg/kg	0.43		<110U	<42U	<50U	<78U	<48U	<19U	<8U	<16U	<47U	<9.8U	<1.9U	<31U	<10U	<1.9U	<2.1U	<2U	<2.1U	<2U	<2U	<5.9U	-
	2,4-Dinitrotoluene	mg/kg	0.019		<3U	<1.2U	<1.4U	<2.1U	<1.3U	<0.53U	<0.22U	<0.43U	<1.3U	<0.27U	<0.051U	<0.84U	<0.28U	<0.052U	<0.058U	<0.055U	<0.057U	<0.055U	<0.055U	<0.16U	-
	2,6-dinitrotoluene	mg/kg	0.021		<1.2U	<0.47U	<0.55U	<0.87U	<0.54U	<0.22U	<0.089U	<0.18U	<0.52U	<0.11U	<0.021U	<0.35U	<0.11U	<0.021U	<0.024U	<0.022U	<0.023U	<0.022U	<0.023U	<0.066U	-
	2-chloronaphthalene	mg/kg	0.0075		<0.9U	<0.35U	<0.41U	<0.65U	<0.4U	<0.16U	<0.066U	<0.13U	<0.39U	<0.081U	<0.015U	<0.26U	<0.085U	<0.016U	<0.018U	<0.017U	<0.017U	<0.017U	<0.017U	<0.049U	-
	2-chlorophenol	mg/kg	0.016		<0.91U	<0.36U	<0.42U	<0.66U	<0.4U	<0.16U	<0.067U	<0.13U	<0.39U	<0.082U	<0.016U	<0.26U	<0.086U	<0.016U	<0.018U	<0.017U	<0.018U	<0.017U	<0.017U	<0.05U	-
	2-methylnaphthalene	mg/kg	0.0069		49	6.5	1.3J	1.7J	2.6	0.63J	1.4J	2.9J	1.7	0.29J	0.16	0.39J	3	0.11	0.042J	0.069J	0.048J	0.24	0.22	0.33	-
	2-methylphenol	mg/kg	0.025	100	<5.6U	<2.2U	<2.6U	<4.1U	<2.5U	<1U	<0.41U	<0.81U	<2.4U	<0.5U	<0.097U	<1.6U	<0.53U	<0.098U	<0.11U	<0.1U	<0.11U	<0.1U	<0.11U	<0.31U	-
	2-nitroaniline	mg/kg	0.15		<8.9U	<3.5U	<4.1U	<6.4U	<4U	<1.6U	<0.65U	<1.3U	<3.9U	<0.8U	<0.15U	<2.5U	<0.84U	<0.16U	<0.18U	<0.17U	<0.17U	<0.16U	<0.17U	<0.49U	-
	2-nitrophenol	mg/kg	0.04		<3.1U	<1.2U	<1.4U	<2.2U	<1.4U	<0.56U	<0.23U	<0.45U	<1.4U	<0.28U	<0.054U	<0.89U	<0.29U	<0.055U	<0.061U	<0.058U	<0.06U	<0.058U	<0.058U	<0.17U	-
	3,3-Dichlorobenzidine	mg/kg	0.038		<18U	<7.1U	<8.4U	<13U	<8.1U	<3.3U	<1.3U	<2.6U	<7.9U	<1.6U	<0.31U	<5.2U	<1.7U	<0.32U	<0.36U	<0.34U	<0.35U	<0.34U	<0.34U	<1U	-
	3-nitroaniline	mg/kg	0.085		<5U	<1.9U	<2.3U	<3.6U	<2.2U	<0.89U	<0.37U	<0.72U	<2.2U	<0.45U	<0.086U	<1.4U	<0.47U	<0.087U	<0.098U	<0.092U	<0.096U	<0.092U	<0.093U	<0.27U	-
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<34U	<13U	<15U	<24U	<15U	<6U	<2.5U	<4.9U	<15U	<3U	<0.58U	<9.6U	<3.2U	<0.59U	<0.66U	<0.62U	<0.65U	<0.62U	<0.63U	<1.8U	-
	4-bromophenyl phenyl ether	mg/kg	0.023		<1.4U	<0.53U	<0.63U	<0.99U	<0.61U	<0.24U	<0.1U	<0.2U	<0.59U	<0.12U	<0.024U	<0.39U	<0.13U	<0.024U	<0.027U	<0.025U	<0.026U	<0.025U	<0.026U	<0.075U	-
	4-chloro-3-methylphenol	mg/kg	0.016		<0.92U	<0.36U	<0.42U	<0.67U	<0.41U	<0.16U	<0.068U	<0.13U	<0.4U	<0.083U	<0.016U	<0.26U	<0.087U	<0.016U	<0.018U	<0.017U	<0.018U	<0.017U	<0.017U	<0.05U	-
	4-chloroaniline	mg/kg	0.013		<1.3U	<0.52U	<0.61U	<0.96U	<0.59U	<0.24U	<0.098U	<0.19U	<0.58U	<0.12U	<0.023U	<0.38U	<0.13U	<0.023U	<0.026U	<0.025U	<0.026U	<0.025U	<0.025U	<0.073U	-
	4-chlorophenyl phenyl ether	mg/kg	0.02		<1.2U	<0.46U	<0.54U	<0.86U	<0.53U	<0.21U	<0.087U	<0.17U	<0.51U	<0.11U	<0.02U	<0.34U	<0.11U	<0.021U	<0.023U	<0.022U	<0.023U	<0.022U	<0.022U	<0.065U	-
	4-methylphenol	mg/kg	0.035	34	<5.7U	<2.2U	<2.6U	<4.1U	<2.6U	<1U	<0.42U	<0.83U	<2.5U	<0.52U	<0.099U	<1.6U	<0.54U	<0.1U	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U	<0.31U	-
	4-nitroaniline	mg/kg	0.016		<0.95U	<0.37U	<0.44U	<0.69U	<0.42U	<0.17U	<0.07U	<0.14U	<0.41U	<0.085U	<0.016U	<0.27U	<0.09U	<0.017U	<0.019U	<0.018U	<0.018U	<0.018U	<0.018U	<0.052U	-
	4-nitrophenol	mg/kg	0.13		<14U	<5.4U	<6.3U	<9.9U	<6.1U	<2.5U	<1U	<2U	<5.9U	<1.2U	<0.24U	<3.9U	<1.3U	<0.24U	<0.27U	<0.25U	<0.26U	<0.25U	<0.26U	<0.75U	-
	Acenaphthene	mg/kg	0.0073	100	110	14	4.3	1.6J	2.9	0.28J	3.8J	9.5J	1.7	0.66	0.13	0.66J	6.8	0.093	0.03J	0.076	0.035J	0.026J	0.05J	0.26	-
	Acenaphthylene	mg/kg	0.0088	100	3J	0.52J	8.3	15	7	3.2	0.82J	2.1J	22	3	1.1	2.7	1.7	1.3	0.34	0.4	0.49	0.46J	0.78J	4.4	-
	Acetophenone	mg/kg	0.018		<1.1U	<0.41U	<0.49U	<0.77U	<0.47U	<0.19U	<0.078U	<0.15U	<0.46U	<0.095U	<0.018U	<0.3U	<0.1U	<0.019U	<0.021U	<0.02U	<0.02U	<0.02U	<0.02U	<0.058U	-
	Anthracene	mg/kg	0.0075	100	230	30	12	9.1	9.9	1.6	8.2J	20J	14	4.8	0.75	2.5	13	0.83	0.17	0.35	0.23	0.22	0.43	2.6	-
	Atrazine	mg/kg	0.035		<8.6U	<3.3U	<3.9U	<6.2U	<3.8U	<1.5U	<0.63U	<1.2U	<3.7U	<0.77U	<0.15U	<2.4U	<0.81U	<0.15U	<0.17U	<0.16U	<0.17U	<0.16U	<0.16U	<0.47U	-
	Benz(a)anthracene	mg/kg	0.033	1	290	40	35	130	110	25	16J	44J	95	27	2.6	8.2	23	3.3	0.58	1.5	0.86	0.36J	1.1J	8.2	-
	Benzaldehyde	mg/kg	0.042		-	-	-	-	-	-	-	-	-	-	<0.042U	<0.69U	<0.23U	<0.043U	<0.048U	<0.045U	<0.047U	<0.045U	<0.045U	<0.13U	-
	Benzo(a) pyrene	mg/kg	0.0077	1	220	29	33	160	100	31	15J	38J	170	27	2.7	7.7	18	3.5	0.71	1.5	1.1	0.45J	1.3J	9.2	-
	Benzo(b)fluoranthene	mg/kg	0.012	1	240	33	39	180	130	38	17J	42J	210	30	4	11	25	4.7	1	2	1.4	0.51J	1.6J	13	-
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	84	12	20	82	52	18	8J	20J	110	15	2.3	5.8	11	3	0.66	1.2	0.91	0.37J	1.2J	8.4	-
	Benzo(k)fluoranthene	mg/kg	0.015	1	100	14	15	77	60	12	7J	20J	70	13	1.6	4.8	6.7	1.5	0.28	0.71	0.4	0.16J	0.55J	2.9	-
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.93U	<0.36U	<0.43U	<0.67U	<0.42U	<0.17U	<0.069U	<0.14U	<0.4U	<0.084U	<0.016U	<0.27U	<0.088U	<0.016U	<0.018U	<0.017U	<0.018U	<0.017U	<0.017U	<0.051U	-
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.71U	<0.28U	<0.33U	<0.51U	<0.32U	<0.13U	<0.052U	<0.1U	<0.31U	<0.064U	<0.012U	<0.2U	<0.067U	<0.012U	<0.014U	<0.013U	<0.014U	<0.013U	<0.013U	<0.039U	-
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<1.4U	<0.57U	<0.66U	<1U	<0.64U	<0.26U	<0.11U	<0.21U	<0.63U	<0.13U	<0.025U	<0.41U	<0.14U	<0.025U	<0.029U	<0.027U	<0.028U	<0.027U	<0.027U	<0.079U	-
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<21U	<8.1U	<9.5U	<15U	<9.3U	<3.7U	<1.5U	<3U	<9U	<1.9U	<0.36U	<6U	<2U	<0.36U	<0.41U	<0.39U	<0.4U	<0.39U	<0.39U	<1.1U	-
	Butyl benzyl phthalate	mg/kg	0.049		<13U	<5.2U	<6.2U	<9.7U	<6U	<2.4U	<0.99U	<1.9U	<5.8U	<1.2U	<0.23U	<3.8U	<1.3U	<0.24U	<0.26U	<0.25U	<0.26U	<0.25U	<0.25U	<0.73U	-

				Sample Name	STI-S028-060320	STI-S029-060320	STI-S030-060320	STI-S031-060320	STI-S032-060320	STI-S033-060320	STI-S034-060520	STI-S035-060520 (DUP-5)	STI-S035-060520	STI-S036-060520	STI-S037-060520	STI-S038A-060520	STI-S038B-060520	STI-S039A-060520	STI-S039B-060520	STI-S040A-060520	STI-S040B-060520	STI-S041-060520	STI-S042-060520	STI-S043-060520	STI-S044-060520
				Boring ID	STI-S028	STI-S029	STI-S030	STI-S031	STI-S032	STI-S033	STI-S034	STI-S035	STI-S035	STI-S036	STI-S037	STI-S038	STI-S038	STI-S039	STI-S039	STI-S040	STI-S040	STI-S041	STI-S042	STI-S043	STI-S044
				Sample Depth (ft bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020
				Lab Report	180-106577-1	180-106577-1	180-106577-1	180-106577-1	180-106577-1	180-106577-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																						
PCBs	Aroclor 1016	mg/kg	0.0058		<0.0059U	<0.0061U	<0.0061U	<0.0065U	<0.0067U	<0.0058U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		<0.0065U	<0.0066U	<0.0066U	<0.0071U	<0.0073U	<0.0063U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		<0.0044U	<0.0045U	<0.0045U	<0.0049U	<0.005U	<0.0043U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		<0.0027U	<0.0027U	<0.0027U	<0.0029U	<0.003U	<0.0026U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		0.031J	<0.0045U	<0.0045U	0.04J	0.2J	<0.0043U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		0.016J	<0.0056U	<0.0056U	0.038J	0.21J	<0.0053U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		0.018J	<0.0053U	<0.0053U	0.02J	0.087J	<0.0051U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		<0.0064U	<0.0066U	<0.0066U	<0.007U	<0.0073U	<0.0062U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		<0.0025U	<0.0025U	<0.0025U	<0.0027U	<0.0028U	<0.0024U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	0.0792	<0.0444	<0.0444	0.1136	0.5131	<0.0423	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Aluminum	mg/kg	12		-	-	-	-	-	-	12,000	7500	10,000	6700	6500	6400	9100	9600	7100	9500	5600	6500	3000	6500	6600
	Antimony	mg/kg	0.24		-	-	-	-	-	-	4.4	4.3	4.6	4.3	2.7	3	0.8J	2.5	2.1	2.2	1.6	2.9	1.3	1.4	0.84J
	Arsenic	mg/kg	0.6	16	-	-	-	-	-	-	17	18	28	43	18	25	7.5	31	16	62	35	56	28	83	33
	Barium	mg/kg	12	350	-	-	-	-	-	-	350	1400J	640J	530	440	290	240	560	370	3400	16,000	270	300	260	100
	Beryllium	mg/kg	0.24	14	-	-	-	-	-	-	1.4	0.5	0.78	0.44	0.46	0.62	0.51	0.92	0.39J	0.48	0.3J	0.53	0.35J	0.41J	0.49
	Cadmium	mg/kg	0.3	2.5	-	-	-	-	-	-	3.2	3.7	4.3	4.1	20	1.6	0.28J	2	0.6	0.92	1.1	0.44J	0.12J	0.36J	0.13J
	Calcium	mg/kg	300		-	-	-	-	-	-	13,000	17,000J	34,000J	8800	7600	13,000	9000	16,000	7800	3500	4200	5200	1700	4300	5900
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.3	22	-	-	-	-	-	-	60	100J	52J	100	360	46	15	65	24	36	30	17	8.2	14	13
	Cobalt	mg/kg	3		-	-	-	-	-	-	9.7	9.6	11	13	16	6.6	4.7J	8.9	7.4	8.2	4.4J	6.4	4.9J	5.3	5.6J
	Copper	mg/kg	1.5	270	-	-	-	-	-	-	1100	850	730	910	200	260	85	310	290	370	150	89	48	49	18
	Iron	mg/kg	6		-	-	-	-	-	-	48,000	41,000J	83,000J	87,000	32,000	28,000	26,000	42,000	34,000	39,000	32,000	26,000	25,000	22,000	26,000
	Lead	mg/kg	0.6	400	-	-	-	-	-	-	290	640J	330J	240	190	180	38	180	130	150	140	110	38	56	3.4
	Magnesium	mg/kg	300		-	-	-	-	-	-	5200	5100J	8900J	2500	2500	2000	1800	5700	3700	1700	1900	1400	600	1400	630
	Manganese	mg/kg	0.9	2000	-	-	-	-	-	-	700	580	690	1000	410	440	240	880	590	470	430	270	100	250	59
	Mercury	mg/kg	0.027	0.81	-	-	-	-	-	-	0.26	0.33	0.36	0.83	0.66	0.57	0.098	0.22	0.11	0.13	0.093	0.086	0.075	0.074	0.035
	Nickel	mg/kg	2.4	140	-	-	-	-	-	-	130	240J	95J	470	130	110	23	120	87	72	110	37	21	24	19
	Potassium	mg/kg	300		-	-	-	-	-	-	740	890	1200	710	520J	510	520	780	610	590	590	680	490J	500J	270J
	Selenium	mg/kg	0.33	36	-	-	-	-	-	-	1.1J	1.7	2.2	3.3	1.4	0.85J	0.73J	1.6	0.71J	1.1	<0.6U	1.2	2.6	<0.54U	1.1
	Silver	mg/kg	0.063	36	-	-	-	-	-	-	7.8	4.3	4.8	2.1	0.62	1.3	0.37J	0.99	0.44J	0.35J	<0.12U	<0.11U	<0.11U	<0.11U	<0.12U
	Sodium	mg/kg	36		-	-	-	-	-	-	260J	200J	390J	160J	82J	180J	390J	190J	70J	100J	260J	120J	<61U	120J	190J
	Thallium	mg/kg	0.19		-	-	-	-	-	-	<0.38U	<0.32U	0.41J	0.79J	<0.36U	<0.33U	<0.33U	0.45J	<0.34U	<0.32U	<0.37U	<0.33U	<0.32U	<0.33U	<0.36U
	Vanadium	mg/kg	3		-	-	-	-	-	-	17	17	18	33	15	13	15	17	12	14	10	14	11	13	21
	Zinc	mg/kg	1.2	2200	-	-	-	-	-	-	520	500	540	580	1500	350	72	370	200	310	430	180	69	90	14
SVOCs	1,1-Biphenyl	mg/kg	0.015		-	-	-	-	-	-	1.9J	0.15J	0.86J	0.12J	0.81J	0.35J	0.053J	2.2J	0.22J	0.13J	0.049J	0.11J	0.081J	0.22J	0.056J
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		-	-	-	-	-	-	<0.18U	<0.031U	<0.079U	<0.016U	<0.084U	<0.066U	<0.015U	<0.15U	<0.016U	<0.015U	<0.017U	<0.017U	<0.017U	<0.12U	<0.016U
	1,4-Dioxane	mg/kg	0.041	9.8	-	-	-	-	-	-	<1.3U	<0.22U	<0.57U	<0.12U	<0.61U	<0.47U	<0.11U	<1.1U	<0.12U	<0.11U	<0.12U	<0.12U	<0.12U	<0.85U	<0.12U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		-	-	-	-	-	-	<1.7U	<0.3U	<0.76U	<0.16U	<0.81U	<0.63U	<0.15U	<1.5U	<0.15U	<0.15U	<0.16U	<0.16U	<0.16U	<1.1U	<0.15U
	2,4,5-trichlorophenol	mg/kg	0.024		-	-	-	-	-	-	<0.29U	<0.051U	<0.13U	<0.027U	<0.14U	<0.11U	<0.025U	<0.25U	<0.027U	<0.025U	<0.027U	<0.028U	<0.027U	<0.19U	<0.026U
	2,4,6-trichlorophenol	mg/kg	0.018		-	-	-	-	-	-	<0.23U	<0.039U	<0.1U	<0.02U	<0.11U	<0.083U	<0.019U	<0.19U	<0.02U	<0.019U	<0.021U	<0.021U	<0.021U	<0.15U	<0.02U
	2,4-dichlorophenol	mg/kg	0.0073		-	-	-	-	-	-	<0.32U	<0.055U	<0.14U	<0.029U	<0.15U	<0.12U	<0.027U	<0.27U	<0.029U	<0.027U	<0.03U	<0.03U	<0.029U	<0.21U	<0.029U
	2,4-dimethylphenol	mg/kg	0.021		-	-	-	-	-	-	<0.25U	<0.044UJ	0.12J	<0.023U	<0.12U	<0.094U	<0.022U	0.3J	0.032J	<0.022U	<0.024U	<0.024U	<0.024U	<0.17U	<0.023U
	2,4-dinitrophenol	mg/kg	0.43		-	-	-	-	-	-	<23U	<3.9U	<10U	<2.1U	<11U	<8.4U	<1.9U	<19U	<2.1U	<1.9U	<2.1U	<2.2U	<2.1U	<15U	<2.1U
	2,4-Dinitrotoluene	mg/kg	0.019		-	-	-	-	-	-	<0.62U	<0.11U	<0.28U	<0.056U	<0.29U	<0.23U	<0.053U	<0.53U	<0.056U	<0.053U	<0.058U	<0.059U	<0.058U	<0.41U	<0.056U
	2,6-dinitrotoluene	mg/kg	0.021		-	-	-	-	-	-	<0.25U	<0.044U	<0.11U	<0.023U	<0.12U	<0.094U	<0.022U	<0.22U	<0.023U	<0.022U	<0.024U	<0.024U	<0.024U	<0.17U	<0.023U
	2-chloronaphthalene	mg/kg	0.0075		-	-	-	-	-	-	<0.19U	<0.033U	<0.084U	<0.017U	<0.09U	<0.07U	<0.016U	<0.16U	<0.017U	<0.016U	<0.018U	<0.018U	<0.018U	<0.13U	<0.017U
	2-chlorophenol	mg/kg	0.016		-	-	-	-	-	-	<0.19U	<0.033U	<0.085U	<0.017U	<0.091U	<0.071U	<0.016U	<0.16U	<0.017U	<0.016U	<0.018U	<0.018U	<0.018U	<0.13U	<0.017U
	2-methylnaphthalene	mg/kg	0.0069		-	-	-	-	-	-	6.8	0.54J	4J	0.55	3.1	1.3	0.4	9.9	0.83	0.52	0.19	0.52	0.45	0.87	0.5
	2-methylphenol	mg/kg	0.025	100	-	-	-	-	-	-	<1.2U	<0.2U	<0.52U	<0.11U	<0.56U	<0.44U	<0.1U	<1U	<0.11U	<0.1U	<0.11U	<0.11U	<0.11U	<0.78U	<0.11U
	2-nitroaniline	mg/kg	0.15		-	-	-	-	-	-	<1.9U	<0.32U	<0.83U	<0.17U	<0.89U	<0.69U	<0.16U	<1.6U	<0.17U	<0.16U	<0.18U	<0.18U	<0.17U	<1.2U	<0.17U
	2-nitrophenol	mg/kg	0.04		-	-	-	-	-	-	<0.65U	<0.11U	<0.29U	<0.059U	<0.31U	<0.24U	<0.056U	<0.56U	<0.059U	<0.056U	<0.061U	<0.062U	<0.061U	<0.43U	<0.059U
	3,3-Dichlorobenzidine	mg/kg	0.038		-	-	-	-	-	-	<3.8U	<0.66U	<1.7U	<0.35U	<1.8U	<1.4U	<0.33U	<3.3U	<0.35U	<0.33U	<0.36U	<0.36U	<0.36U	<2.5U	<0.35U
	3-nitroaniline	mg/kg	0.085		-	-	-	-	-	-	<1U	<0.18U	<0.47U	<0.095U	<0.5U	<0.39U	<0.089U	<0.89U	<0.095U	<0.089U	<0.098U	<0.099U	<0.097U	<0.69U	<0.094U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		-	-	-	-	-	-	<7.1U	<1.2U	<3.2U	<0.64U	<3.4U	<2.6U	<0.61U	<6.1U	<0.64U	<0.6U	<0.66U	<0.67U	<0.66U	<4.7U	<0.64U
	4-bromophenyl phenyl ether	mg/kg	0.023		-	-	-	-	-	-	<0.29U	<0.05U	<0.13U	<0.026U	<0.14U	<0.11U	<0.025U	<0.25U	<0.026U	<0.024U	<0.027U	<0.027U	<0.027U	<0.19U	<0.026U
	4-chloro-3-methylphenol	mg/kg	0.016		-	-	-	-	-	-	<0.19U	<0.033U	<0.086U	<0.018U	<0.092U	<0.071U	<0.017U	<0.17U	<0.018U	<0.016U	<0.018U	<0.018U	<0.018U	<0.13U	<0.017U
	4-chloroaniline	mg/kg	0.013		-	-	-	-	-	-	<0.28U	<0.048U	<0.12U	<0.025U	<0.13U	<0.1U	<0.024U	<0.24U	<0.025U	<0.024U	<0.026U	<0.026U	<0.026U	<0.19U	<0.025U
	4-chlorophenyl phenyl ether	mg/kg	0.02		-	-	-	-	-	-	<0.25U	<0.043U	<0.11U	<0.023U	<0.12U	<0.092U	<0.021U	<0.21U	<0.023U	<0.021U	<0.023U	<0.024U	<0.023U	<0.17U	<0.022U
	4-methylphenol	mg/kg	0.035	34	-	-	-	-	-	-	<1.2U	<0.21U	<0.54U	<0.11U	<0.57U	<0.45U	<0.1U	<1U	<0.11U	<0.1U	<0.11U	<0.11U	<0.11U	<0.8U	<0.11U
	4-nitroaniline	mg/kg	0.016		-	-	-	-	-	-	<0.2U	<0.035U	<0.089U	<0.018U	<0.095U	<0.074U	<0.017U	<0.17U	<0.018U	<0.017U	<0.019U	<0.019U	<0.019U	<0.13U	<0.018U
	4-nitrophenol	mg/kg	0.13		-	-	-	-	-	-	<2.9U	<0.5U	<1.3U	<0.26U	<1.4U	<1.1U	<0.25U	<2.5U	<0.26U	<0.25U	<0.27U	<0.27U	<0.27U	<1.9U	<0.26U
	Acenaphthene	mg/kg	0.0073	100	-	-	-	-	-	-	17	1.1J	6.5J	0.78	7.3	3.5	0.15	15	2	0.92	0.26	0.43	0.058J	2	<0.021U
	Acenaphthylene	mg/kg	0.0088	100	-	-	-	-	-	-	0.86	0.68J	1.5J	0.26	1.1	0.82	0.07J	0.75	0.19	0.19	0.089	0.36	0.076J	2.1	0.053J
	Acetophenone	mg/kg	0.018		-	-	-	-	-	-	<0.22U	<0.039U	<0.099U	<0.02U	<0.11U	<0.082U	<0.019U	<0.19U	<0.02U	<0.019U	<0.021U	<0.021U	<0.021U	<0.15U	<0.02U
	Anthracene	mg/kg	0.0075	100	-	-	-	-	-	-	28	2.7J	13J	1.7	13	7.3	0.3	26	4	1.9	0.51	1.1	0.15	5	0.052J
	Atrazine	mg/kg	0.035		-	-	-	-	-	-	<1.8U	<0.31U	<0.8U	<0.16U	<0.86U	<0.66U	<0.15U	<1.5U	<0.16U	<0.15U	<0.17U	<0.17U	<0.17U	<1.2U	<0.16U
	Benz(a)anthracene	mg/kg	0.033	1	-	-	-	-	-	-	41	5.1J	19J	2.5	18	12	0.54	33	6.3	3.2	0.86	2.1	0.29	11	0.2
	Benzaldehyde	mg/kg	0.042		-	-	-	-	-	-	<0.51U	<0.088U	<0.23U	<0.046U	<0.24U	<0.19U	<0.044U	<0.44U	<0.046U	<0.043U	<0.048U	<0.048U	<0.047U	<0.34U	<0.046U
	Benzo(a) pyrene	mg/kg	0.0077	1	-	-	-	-	-	-	33	4.2J	15J	1.9	15	10	0.42	26	5.1	2.7	0.69	1.8	0.27	12	0.19
	Benzo(b)fluoranthene	mg/kg	0.012	1	-	-	-	-	-	-	37	5.8J	18J	2.6	17	12	0.47	28	6	3.1	0.87	2.3	0.35	17	0.28
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	-	-	-	-	-	-	19	2.7J	8.2J	1.2	9.2	6.2	0.27	15	3.3	1.8	0.45	1.3	0.21	9	0.15
	Benzo(k)fluoranthene	mg/kg	0.015	1	-	-	-	-	-	-	16	1.6J	6.3J	0.73	7.7	5.1	0.26	14	2.4	1.5	0.33	1.1	0.15	5.7	0.15
	Bis(2-chloroethoxy) methane	mg/kg	0.016		-	-	-	-	-	-	<0.2U	<0.034U	<0.087U	<0.018U	<0.093U	<0.072U	<0.017U	<0.17U	<0.018U	<0.017U	<0.018U	<0.019U	<0.018U	<0.13U	<0.018U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		-	-	-	-	-	-	<0.15U	<0.026U	<0.066U	<0.013U	<0.071U	<0.055U	<0.013U	<0.13U	<0.013U	<0.013U	<0.014U	<0.014U	<0.014U	<0.099U	<0.013U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		-	-	-	-	-	-	<0.3U	<0.053U	<0.14U	<0.028U	<0.14U	<0.11U	<0.026U	<0.26U	<0.028U	<0.026U	<0.029U	<0.029U	<0.028U	<0.2U	<0.027U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		-	-	-	-	-	-	<4.4U	<0.76U	<1.9U	<0.4U	5.1J	<1.6U	<0.37U	<3.7U	<0.4U	<0.37U	<0.41U	<0.41U	<0.41U	<2.9U	<0.39U
	Butyl benzyl phthalate	mg/kg	0.049		-	-	-	-	-	-	<2.8U	<0.49U	<1.3U	<0.26U	<1.3U	<1U	<0.24U	<2.4U	<0.26U	<0.24U	<0.26U	<0.27U	<0.26U	<1.9U	<0.25U

				Sample Name	STI-S045-060520 (DUP-6)	STI-S045-060520	STI-S046-060520	STI-S047-060520	STI-S048-060520	STI-S049-060520	STI-S050-060520	STI-S051-060520	STI-S052-060520	STI-S053-060520	STI-S054-060520	STI-S055-060520 (DUP-7)	STI-S055-060520	STI-S056-060520	STI-S057-060520	STI-S058-060520	STI-S060-060520	STI-S061-060520	STI-S062-060520	STI-S063-060520	STI-S064-060520
				Boring ID	STI-S045	STI-S045	STI-S046	STI-S047	STI-S048	STI-S049	STI-S050	STI-S051	STI-S052	STI-S053	STI-S054	STI-S055	STI-S055	STI-S056	STI-S057	STI-S058	STI-S060	STI-S061	STI-S062	STI-S063	STI-S064
				Sample Depth (ft bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1
				Sample Date	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020
				Lab Report	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
PCBs	Aroclor 1016	mg/kg	0.0058		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Aluminum	mg/kg	12		14,000	7300	9300	8800	9800	7200	8100	8100	6700	7800	7400	11,000	12,000	12,000	16,000	7300	12,000	2900	7300	6600	4100
	Antimony	mg/kg	0.24		1J	0.7J	1.1J-	0.78J	1.3	0.68J	1.8	0.98J	0.83J	0.62J	1.2	13	10	6.3	8.5	2.6	6	1.3	1.5	3.5	1.2
	Arsenic	mg/kg	0.6	16	15	6.6	9.2	9.5	10	7.9	9.3	6.8	11	7.5	12	16	17	11	15	24	17	8.1	9.9	24	18
	Barium	mg/kg	12	350	180	66	180J-	130	170	97	130	210	200	110	520	530	710	560	780	870	750	180	3300	1400	76
	Beryllium	mg/kg	0.24	14	0.66	0.34	0.49	0.47	0.47	0.36J	0.58	0.51	0.5	0.36	0.39	0.52	0.77	0.5	0.42J	0.46	0.6	0.3J	0.37J	0.42J	0.56
	Cadmium	mg/kg	0.3	2.5	0.34J	0.12J	0.24J	0.39J	0.38J	0.22J	0.7	0.37J	33	0.5	0.77	8.5	5.9	3	4.7	2.1	3.4	0.39J	0.56	2.9	0.13J
	Calcium	mg/kg	300		14,000	3500	3300	3700	1700	1400J-	10,000	8500	7000	1800	4000	21,000	30,000	9000	11,000	9000	13,000	2800	3200	12,000	2200
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium (III+VI)	mg/kg	0.3	22	82	14	22J-	21	20	14J-	21	12	150	16	24	120	110	100	130	160	71	26	33	74	7.5
	Cobalt	mg/kg	3		12	5.6	6.1	5.8	8.5	4.9J	5.5J	4.1J	8	5.6	6	11	10	9.2	11	8.8	9.9	3.2J	7.7	8.9	7.7
	Copper	mg/kg	1.5	270	56	24	37	33	130	1100	130	48	120	36	84	3500J	1200J	3400	1500	290	740	78	170	1100	46
	Iron	mg/kg	6		42,000	19,000	20,000	20,000	25,000	24,000	20,000	26,000	21,000	19,000	21,000	75,000	53,000	57,000	65,000	50,000	42,000	18,000	28,000	65,000	30,000
	Lead	mg/kg	0.6	400	83	1300	55	58	900	49J-	78	27	110	37	100	700	920	800	570	220	420	54	260	260	31
	Magnesium	mg/kg	300		4200	2400	1900	1900	2400	1500	4100	1300	2200	1900	2000	5800J	11,000J	2200	2700	3300	3900	610J	1900	2600	450J
	Manganese	mg/kg	0.9	2000	580	300	590	380	480	360	720	190	380	320	370	640	690	640	710	580	530	110	820	600	92
	Mercury	mg/kg	0.027	0.81	0.077	0.04	0.12	0.082	0.097	0.089	0.11	0.12	0.27	0.17	0.19	0.26	0.23	0.28	0.43	0.69	0.23	0.073	0.19	0.82	0.051
	Nickel	mg/kg	2.4	140	230	29	32	27	73	21J-	32	18	62	23	48	780J	200J	86	180	130	120	22	89	160	20
	Potassium	mg/kg	300		1700	590	740	890	890	420J	670	570	570	520	560	770	920	1000	840	600	770	320J	640	600	490
	Selenium	mg/kg	0.33	36	1.2J	<0.44U	<0.59U	0.96J	0.69J	0.72J	0.95J	0.66J	0.97J	<0.46U	0.69J	3.8J	1.8J	1.4	1.3	1.7	1.5	0.78J	1.1	1.9	1.6
	Silver	mg/kg	0.063	36	<0.17U	<0.09U	<0.12U	<0.12U	<0.11U	<0.11U	0.32J	<0.11U	0.21J	<0.095U	<0.099U	28J	5.7J	1.4	6.7	0.81	2.5	0.3J	0.11J	1.4	<0.1U
	Sodium	mg/kg	36		160J	<52U	<69U	<66U	64J	<65U	220J	350J	96J	<54U	<57U	340J	490J	890	460J	120J	1200	140J	110J	160J	<57U
	Thallium	mg/kg	0.19		<0.53U	<0.28U	<0.37U	<0.35U	<0.34U	<0.35UJ	<0.36U	<0.33U	<0.36U	<0.29U	<0.3U	0.37J	<0.31UJ	0.36J	<0.37U	0.39J	<0.3U	<0.41U	<0.31U	0.54J	<0.3U
	Vanadium	mg/kg	3		27	12	17	16	17	14	13	13	15	14	14	21	21	20	23	17	21	9.8	14	20	12
	Zinc	mg/kg	1.2	2200	130	60	93	130	170	310	150	67	580	100	160	770	920	2000	1200	440	680	180	630	570	43
SVOCs	1,1-Biphenyl	mg/kg	0.015		0.6J	0.018J	0.057J	<0.017U	0.024J	0.031J	2.8J	2.2J	6.2J	0.17J	0.07J	4.6 - 5.1J	2 - 2.7J	0.41 - 0.46J	0.11J	0.053J	0.22J	0.33J	0.054J	<0.081U	0.079J
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.082U	<0.015U	<0.018U	<0.018U	<0.015U	<0.016U	<0.16U	<0.15U	<0.65U	<0.016U	<0.016U	<0.16U	<0.082U	<0.016U	<0.017U	<0.016U	<0.031U	<0.019U	<0.015U	<0.083U	<0.016U
	1,4-Dioxane	mg/kg	0.041	9.8	<0.59U	<0.11U	<0.13U	<0.13U	<0.11U	<0.11U	<1.2U	<1.1U	<4.7U	<0.11U	<0.11U	<1.2U	<0.59U	<0.12U	<0.13U	<0.11U	<0.22U	<0.14U	<0.11U	<0.6U	<0.11U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.79U	<0.15U	<0.18U	<0.17U	<0.15U	<0.15U	<1.6U	<1.5U	<6.2U	<0.15U	<0.15U	<1.6U	<0.79U	<0.16U	<0.17U	<0.15U	<0.3U	<0.18U	<0.15U	<0.8U	<0.15U
	2,4,5-trichlorophenol	mg/kg	0.024		<0.14U	<0.025U	<0.03U	<0.029U	<0.026U	<0.026U	<0.27U	<0.26U	<1.1U	<0.026U	<0.026U	<0.27U	<0.14U	<0.027U	<0.029U	<0.026U	<0.051U	<0.031U	<0.025U	<0.14U	<0.026U
	2,4,6-trichlorophenol	mg/kg	0.018		<0.1U	<0.019U	<0.023U	<0.022U	<0.02U	<0.02U	<0.21U	<0.2U	<0.82U	<0.02U	<0.02U	<0.21U	<0.1U	<0.02U	<0.022U	<0.02U	<0.039U	<0.024U	<0.02U	<0.11U	<0.02U
	2,4-dichlorophenol	mg/kg	0.0073		<0.15U	<0.027U	<0.032U	<0.031U	<0.028U	<0.028U	<0.29U	<0.28U	<1.2U	<0.028U	<0.028U	<0.29U	<0.15U	<0.029U	<0.031U	<0.028U	<0.055U	<0.034U	<0.028U	<0.15U	<0.028U
	2,4-dimethylphenol	mg/kg	0.021		0.18J	<0.022UJ	<0.026U	<0.025U	<0.022U	<0.022U	0.4J	<0.22U	<0.93U	<0.022U	<0.022U	<0.94 - 1.1J	<0.59 - 0.36J	<0.092 - 0.06J	<0.025U	<0.022U	<0.044U	0.044J	<0.022U	<0.12U	<0.022U
	2,4-dinitrophenol	mg/kg	0.43		<11U	<1.9U	<2.3U	<2.3U	<2U	<2U	<21U	<20U	<83U	<2U	<2U	<21U	<11U	<2.1U	<2.2U	<2U	<4U	<2.4U	<2U	<11U	<2U
	2,4-Dinitrotoluene	mg/kg	0.019		<0.29U	<0.053U	<0.064U	<0.061U	<0.054U	<0.055U	<0.57U	<0.54U	<2.3U	<0.054U	<0.054U	<0.57U	<0.29U	<0.056U	<0.061U	<0.055U	<0.11U	<0.067U	<0.054U	<0.29U	<0.054U
	2,6-dinitrotoluene	mg/kg	0.021		<0.12U	<0.022U	<0.026U	<0.025U	<0.022U	<0.022U	<0.24U	<0.22U	<0.92U	<0.022U	<0.022U	<0.23U	<0.12U	<0.023U	<0.025U	<0.022U	<0.044U	<0.027U	<0.022U	<0.12U	<0.022U
	2-chloronaphthalene	mg/kg	0.0075		<0.087U	<0.016U	<0.019U	<0.019U	<0.016U	<0.017U	<0.17U	<0.16U	<0.69U	<0.017U	<0.017U	<0.17U	<0.087U	<0.017U	<0.018U	<0.017U	<0.033U	<0.02U	<0.016U	<0.088U	<0.017U
	2-chlorophenol	mg/kg	0.016		<0.088U	<0.016U	<0.02U	<0.019U	<0.017U	<0.017U	<0.18U	<0.17U	<0.7U	<0.017U	<0.017U	<0.18U	<0.088U	<0.017U	<0.019U	<0.017U	<0.033U	<0.02U	<0.017U	<0.089U	<0.017U
	2-methylnaphthalene	mg/kg	0.0069		2.2J	0.056J	0.19	0.043J	0.081	0.095	10	8.3	27	0.64	0.29	19 - 20J	7.8 - 11J	1.5 - 1.9	0.39	0.33	0.84	1.4	0.21	0.23J	0.65
	2-methylphenol	mg/kg	0.025	100	<0.55U	<0.1U	<0.12U	<0.12U	<0.1U	<0.1U	<1.1U	<1U	<4.3U	<0.1U	<0.1U	<1.1U	<0.54U	<0.11U	<0.12U	<0.1U	<0.21U	<0.13U	<0.1U	<0.55U	<0.1U
	2-nitroaniline	mg/kg	0.15		<0.87U	<0.16U	<0.19U	<0.19U	<0.16U	<0.17U	<1.7U	<1.6U	<6.8U	<0.16U	<0.16U	<1.7U	<0.87U	<0.17U	<0.18U	<0.16U	<0.33U	<0.2U	<0.16U	<0.87U	<0.16U
	2-nitrophenol	mg/kg	0.04		<0.3U	<0.056U	<0.067U	<0.065U	<0.057U	<0.058U	<0.61U	<0.57U	<2.4U	<0.057U	<0.057U	<0.6U	<0.3U	<0.059U	<0.064U	<0.058U	<0.11U	<0.07U	<0.057U	<0.31U	<0.057U
	3,3-Dichlorobenzidine	mg/kg	0.038		<1.8U	<0.33U	<0.39U	<0.38U	<0.33U	<0.34U	<3.6U	<3.3U	<14U	<0.34U	<0.34U	<3.5U	<1.8U	<0.35U	<0.37U	<0.34U	<0.67U	<0.41U	<0.33U	<1.8U	<0.34U
	3-nitroaniline	mg/kg	0.085		<0.48U	<0.089U	<0.11U	<0.1U	<0.091U	<0.092U	<0.97U	<0.91U	<3.8U	<0.092U	<0.092U	<0.96U	<0.48U	<0.095U	<0.1U	<0.092U	<0.18U	<0.11U	<0.091U	<0.49U	<0.092U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<3.3U	<0.6U	<0.73U	<0.7U	<0.62U	<0.62U	<6.6U	<6.2U	<26U	<0.62U	<0.62U	<6.5U	<3.3U	<0.64U	<0.69U	<0.62U	<1.2U	<0.76U	<0.62U	<3.3U	<0.62U
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.13U	<0.024U	<0.029U	<0.028U	<0.025U	<0.025U	<0.27U	<0.25U	<1U	<0.025U	<0.025U	<0.26U	<0.13U	<0.026U	<0.028U	<0.025U	<0.05U	<0.031U	<0.025U	<0.13U	<0.025U
	4-chloro-3-methylphenol	mg/kg	0.016		<0.09U	<0.017U	<0.02U	<0.019U	<0.017U	<0.017U	<0.18U	<0.17U	<0.7U	<0.017U	<0.017U	<0.18U	<0.089U	<0.018U	<0.019U	<0.017U	<0.034U	<0.021U	<0.017U	<0.09U	<0.017U
	4-chloroaniline	mg/kg	0.013		<0.13U	<0.024U	<0.029U	<0.028U	<0.024U	<0.025U	<0.26U	<0.24U	<1U	<0.025U	<0.025U	<0.26U	<0.13U	<0.025U	<0.027U	<0.025U	<0.049U	<0.03U	<0.024U	<0.13U	<0.025U
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.12U	<0.021U	<0.026U	<0.025U	<0.022U	<0.022U	<0.23U	<0.22U	<0.91U	<0.022U	<0.022U	<0.23U	<0.11U	<0.023U	<0.024U	<0.022U	<0.043U	<0.027U	<0.022U	<0.12U	<0.022U
	4-methylphenol	mg/kg	0.035	34	<0.56U	<0.1U	<0.12U	<0.12U	<0.11U	<0.11U	<1.1U	<1.1U	<4.4U	<0.11U	<0.11U	<4.4 - 1.8J	<0.56U	<0.11U	<0.12U	<0.11U	<0.21U	<0.13U	<0.1U	<0.56U	<0.11U
	4-nitroaniline	mg/kg	0.016		<0.092U	<0.017U	<0.02U	<0.02U	<0.017U	<0.018U	<0.19U	<0.17U	<0.73U	<0.018U	<0.017U	<0.18U	<0.092U	<0.018U	<0.02U	<0.018U	<0.035U	<0.021U	<0.017U	<0.093U	<0.017U
	4-nitrophenol	mg/kg	0.13		<1.3U	<0.25U	<0.3U	<0.29U	<0.25U	<0.25U	<2.7U	<2.5U	<11U	<0.25U	<0.25U	<2.7U	<1.3U	<0.26U	<0.28U	<0.25U	<0.5U	<0.31U	<0.25U	<1.3U	<0.25U
	Acenaphthene	mg/kg	0.0073	100	6.2J	0.14J	0.51	<0.023U	0.025J	0.2	27	20	60	1.9	0.51	41 - 43J	19 - 24J	3.6 - 4.3	0.91	0.18	1.9	2.4	0.19	0.13J	0.21
	Acenaphthylene	mg/kg	0.0088	100	0.39J	0.027J	0.1	0.053J	0.13	0.027J	0.69J	0.56J	1.9J	0.086	0.088	1.4 - 1.5J	1.6J	0.18 - 0.19J	0.15	0.18	0.44	0.23	0.12	0.35J	0.048J
	Acetophenone	mg/kg	0.018		<0.1U	<0.019U	<0.023U	<0.022U	<0.019U	<0.02U	<0.21U	<0.19U	<0.81U	<0.02U	<0.02U	<0.21U	<0.1U	<0.02U	<0.022U	<0.02U	<0.039U	<0.024U	<0.019U	<0.1U	<0.02U
	Anthracene	mg/kg	0.0075	100	13J	0.29J	1	0.064J	0.13	0.34	40	29	98	3.2	0.89	61 - 66J	30 - 41J	5.8 - 6.6	1.6	0.41	3.2	3.6	0.34	0.36J	0.37
	Atrazine	mg/kg	0.035		<0.83U	<0.15U	<0.18U	<0.18U	<0.16U	<0.16U	<1.7U	<1.6U	<6.6U	<0.16U	<0.16U	<1.7U	<0.83U	<0.16U	<0.18U	<0.16U	<0.31U	<0.19U	<0.16U	<0.84U	<0.16U
	Benz(a)anthracene	mg/kg	0.033	1	20J	0.63J	1.7	0.17	0.25	0.63	59	45	140	5.1	1.6	81 - 88	53 - 66	7.7 - 9.2	2.7	0.93	6	5	0.58	0.91	0.86
	Benzaldehyde	mg/kg	0.042		<0.24U	<0.044U	<0.052U	7.8	0.25J	<0.045U	<0.47U	<0.44U	<1.9U	<0.045U	<0.045U	<0.47U	<0.24U	<0.046U	<0.05U	<0.045U	<0.089U	<0.055U	<0.044U	<0.24U	<0.045U
	Benzo(a) pyrene	mg/kg	0.0077	1	15J	0.52J	1.3	0.16	0.31	0.56	52	39	120	4.2	1.4	68 - 72	47 - 57	6.4 - 7.2	2.4	0.89	5.5	4.1	0.51	0.79	1.1
	Benzo(b)fluoranthene	mg/kg	0.012	1	16J	0.56J	1.5	0.23	0.46	0.64	58	45	130	4.7	1.6	74 - 93	54 - 70	7.3 - 9.9	2.7	1.1	6.3	4.5	0.66	0.99	1.2
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	8.6J	0.32J	0.84	0.15	0.29	0.26	27	21	62	2.4	0.79	34 - 39	30	3.8 - 3.9	1.7	0.67	3.7	2.6	0.35	0.63	0.97
	Benzo(k)fluoranthene	mg/kg	0.015	1	7.3J	0.26J	0.66	0.07J	0.16	0.27	22	15	55	1.9	0.69	30 - 31	18 - 30	2.5 - 2.6	1.1	0.38	2.3	1.7	0.15	0.45	0.51
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.091U	<0.017U	<0.02U	<0.019U	<0.017U	<0.017U	<0.18U	<0.17U	<0.71U	<0.017U	<0.017U	<0.18U	<0.091U	<0.018U	<0.019U	<0.017U	<0.034U	<0.021U	<0.017U	<0.091U	<0.017U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.069U	<0.013U	<0.015U	<0.015U	<0.013U	<0.013U	<0.14U	<0.13U	<0.54U	<0.013U	<0.013U	<0.14U	<0.069U	<0.014U	<0.015U	<0.013U	<0.026U	<0.016U	<0.013U	<0.07U	<0.013U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.14U	<0.026U	<0.031U	<0.03U	<0.027U	<0.027U	<0.28U	<0.27U	<1.1U	<0.027U	<0.027U	<0.28U	<0.14U	<0.028U	<0.03U	<0.027U	<0.053U	<0.033U	<0.026U	<0.14U	<0.027U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<2U	<0.37U	<0.45U	<0.43U	<0.38U	<0.39U	<4.1U	<3.8U	<16U	<0.38U	<0.38U	<16 - 10J	<2U	<0.4U	<0.43U	<0.38U	<0.76U	<0.47U	<0.38U	<2U	<0.38U
	Butyl benzyl phthalate	mg/kg	0.049		<1.3U	<0.24U	<0.29U	<0.28U	<0.25U	<0.25U	<2.6U	<2.5U	<10U	<0.25U	<0.25U	<2.6U	<1.3U	<0.26U	<0.28U	<0.25U	<0.49U	<0.3U	<0.25U	<1.3U	<0.25U

				Sample Name	STI-S066-060520 (DUP-8)	STI-S065-060520	STI-S066-060520	STI-S067-060520	STI-S068-060520	STI-S069-060520	STI-S070-061720	STI-S071-061720	STI-S072-061720	STI-S073-061720	STI-S074-061720
				Boring ID	STI-S065	STI-S065	STI-S066	STI-S067	STI-S068	STI-S069	STI-S070	STI-S071	STI-S072	STI-S073	STI-S074
				Sample Depth (ft bgs)	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020
				Lab Report	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-107166-1	180-107166-1	180-107166-1	180-107166-1	180-107166-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential											
PCBs	Aroclor 1016	mg/kg	0.0058		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		-	-	-	-	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	-	-	-	-	-	-	-	-	-	-	-
Metals	Aluminum	mg/kg	12		7200	7200	3300	7400	6300	7000	11,000	9100	6400	7900	9300
	Antimony	mg/kg	0.24		1.3	1.3	1.3	0.44J	1.3	0.63J	<0.41UJ	1.7	2.3J	<0.35U	<0.37U
	Arsenic	mg/kg	0.6	16	35	33	43	9.2J-	44	7.1	9.4	13	14	7.7	7.5
	Barium	mg/kg	12	350	280	320	55	62J-	210	110	200J-	380	2800	74	1600
	Beryllium	mg/kg	0.24	14	0.36J	0.35J	0.37J	0.53	0.39	0.37J	0.41J	0.38J	0.31J	0.36J	0.68
	Cadmium	mg/kg	0.3	2.5	0.28J	0.29J	0.1J	0.12J	0.21J	0.31J	1	1.4	3.1	0.33J	0.83
	Calcium	mg/kg	300		3500	3700	1400	960J	3200	8600	6200J+	6900	5800	1600	2700
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	-	-	-	-	<1.4U	<1.2U	<1.2U	<0.24U	1.3
	Chromium (III+VI)	mg/kg	0.3	22	29	18	6.3	8.4J-	16	11	15	20	28	9.8	12
	Cobalt	mg/kg	3		7.1	7	5J	4.7J	4.9	4.9J	6J	6.9	5J	6.7	12
	Copper	mg/kg	1.5	270	92	120	33	140J-	48	40	45	47	77	18	42
	Iron	mg/kg	6		22,000	21,000	39,000	16,000	20,000	17,000	15,000	16,000	13,000	17,000	16,000
	Lead	mg/kg	0.6	400	91	120	13	29J-	64	45	330	880	6300	140	740
	Magnesium	mg/kg	300		2600	3100	240J	1500	1700	2400	2000	2300	1400	2200	2100
	Manganese	mg/kg	0.9	2000	390	390	33	110J-	310	350	580	510	380	390	590
	Mercury	mg/kg	0.027	0.81	0.082	0.077	0.16J+	0.21J	0.15	0.19	0.18J+	0.15	0.085	0.042	0.095
	Nickel	mg/kg	2.4	140	37	36	13	16	34	19	15	16	14	16	38
	Potassium	mg/kg	300		610	690	350J	510J	540	430J	1000	920	780	600	830
	Selenium	mg/kg	0.33	36	0.67J	<0.53UJ	1.1	<0.57U	<0.5U	0.66J	0.68J	1J	<0.57U	<0.52U	<0.56U
	Silver	mg/kg	0.063	36	<0.11U	<0.11U	<0.12U	<0.12UJ	<0.1U	0.15J	<0.13UJ	<0.12U	0.44J	<0.11U	<0.11U
	Sodium	mg/kg	36		73J	<62UJ	<69U	<66U	<59U	<65U	130J	77J	200J	<61U	81J
	Thallium	mg/kg	0.19		<0.33U	<0.33U	0.61J	<0.35UJ	<0.31U	<0.34U	<0.39U	<0.37U	<0.36U	<0.33U	<0.35U
	Vanadium	mg/kg	3		13	13	9.8	14J-	13	12	14	14	15	13	14
	Zinc	mg/kg	1.2	2200	130	160	24	68J-	98	88	200	500	2200	180	220
SVOCs	1,1-Biphenyl	mg/kg	0.015		0.08J	0.027J	0.27J	0.032J	0.031J	0.43 - 0.44J	<0.017U	<0.016U	<0.015U	<0.015U	<0.016U
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.016U	<0.016U	<0.016U	<0.017U	<0.016U	<0.015U	<0.018U	<0.016U	<0.016U	<0.016U	<0.016U
	1,4-Dioxane	mg/kg	0.041	9.8	<0.11U	<0.12U	<0.12U	<0.12U	<0.11U	<0.11U	<0.13U	<0.12U	<0.11U	<0.11U	<0.12U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.15U	<0.15U	<0.16U	<0.16U	<0.15U	<0.15U	<0.17U	<0.16U	<0.15U	<0.15U	<0.15U
	2,4,5-trichlorophenol	mg/kg	0.024		<0.026U	<0.026U	<0.027U	<0.027U	<0.026U	<0.026U	<0.03U	<0.027U	<0.026U	<0.026U	<0.026U
	2,4,6-trichlorophenol	mg/kg	0.018		<0.02U	<0.02U	<0.021U	<0.021U	<0.02U	<0.02U	<0.023U	<0.021U	<0.02U	<0.02U	<0.02U
	2,4-dichlorophenol	mg/kg	0.0073		<0.028U	<0.028U	<0.029U	<0.03U	<0.028U	<0.028U	<0.032U	<0.029U	<0.028U	<0.028U	<0.029U
	2,4-dimethylphenol	mg/kg	0.021		<0.023U	<0.023U	<0.024U	<0.024U	<0.023U	<0.067 - 0.073J	<0.026U	<0.024U	<0.023U	<0.023U	<0.023U
	2,4-dinitrophenol	mg/kg	0.43		<2U	<2U	<2.1U	<2.1U	<2U	<2U	<2.3U	<2.1U	<2U	<2U	<2.1U
	2,4-Dinitrotoluene	mg/kg	0.019		<0.055U	<0.056U	<0.057U	<0.058U	<0.055U	<0.054U	<0.063U	<0.058U	<0.055U	<0.055U	<0.056U
	2,6-dinitrotoluene	mg/kg	0.021		<0.023U	<0.023U	<0.023U	<0.024U	<0.022U	<0.022U	<0.026U	<0.024U	<0.023U	<0.023U	<0.023U
	2-chloronaphthalene	mg/kg	0.0075		<0.017U	<0.017U	<0.017U	<0.018U	<0.017U	<0.016U	<0.019U	<0.017U	<0.017U	<0.017U	<0.017U
	2-chlorophenol	mg/kg	0.016		<0.017U	<0.017U	<0.018U	<0.018U	<0.017U	<0.017U	<0.019U	<0.018U	<0.017U	<0.017U	<0.017U
	2-methylnaphthalene	mg/kg	0.0069		0.33	0.13	1.3	0.14	0.15	1.7 - 1.8	0.022J	0.032J	<0.018U	<0.018U	<0.018U
	2-methylphenol	mg/kg	0.025	100	<0.11U	<0.11U	<0.11U	<0.11U	<0.1U	<0.1U	<0.12U	<0.11U	<0.1U	<0.11U	<0.11U
	2-nitroaniline	mg/kg	0.15		<0.17U	<0.17U	<0.17U	<0.17U	<0.17U	<0.16U	<0.19U	<0.17U	<0.17U	<0.17U	<0.17U
	2-nitrophenol	mg/kg	0.04		<0.058U	<0.059U	<0.06U	<0.061U	<0.058U	<0.057U	<0.066U	<0.061U	<0.058U	<0.059U	<0.059U
	3,3-Dichlorobenzidine	mg/kg	0.038		<0.34U	<0.34U	<0.35U	<0.36U	<0.34U	<0.33U	<0.39U	<0.36U	<0.34U	<0.34U	<0.34U
	3-nitroaniline	mg/kg	0.085		<0.093U	<0.094U	<0.097U	<0.097U	<0.092U	<0.091U	<0.11U	<0.097U	<0.093U	<0.094U	<0.094U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<0.63U	<0.64U	<0.65U	<0.66U	<0.63U	<0.62U	<0.71U	<0.66U	<0.63U	<0.63U	<0.64U
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.026U	<0.026U	<0.027U	<0.027U	<0.025U	<0.025U	<0.029U	<0.027U	<0.026U	<0.026U	<0.026U
	4-chloro-3-methylphenol	mg/kg	0.016		<0.017U	<0.017U	<0.018U	<0.018U	<0.017U	<0.017U	<0.02U	<0.018U	<0.017U	<0.017U	<0.017U
	4-chloroaniline	mg/kg	0.013		<0.025U	<0.025U	<0.026U	<0.026U	<0.025U	<0.024U	<0.028U	<0.026U	<0.025U	<0.025U	<0.025U
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.022U	<0.022U	<0.023U	<0.023U	<0.022U	<0.022U	<0.025U	<0.023U	<0.022U	<0.022U	<0.022U
	4-methylphenol	mg/kg	0.035	34	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U	<0.32 - 0.13J	<0.12U	<0.11U	<0.11U	<0.11U	<0.11U
	4-nitroaniline	mg/kg	0.016		<0.018U	<0.018U	<0.018U	<0.019U	<0.018U	<0.017U	<0.02U	<0.019U	<0.018U	<0.018U	<0.018U
	4-nitrophenol	mg/kg	0.13		<0.26U	<0.26U	<0.27U	<0.27U	<0.25U	<0.25U	<0.29U	<0.27U	<0.26U	<0.26U	<0.26U
	Acenaphthene	mg/kg	0.0073	100	0.79J	0.11J	1.8	0.091	0.11	3.9 - 4.4	<0.024U	<0.022U	<0.021U	<0.021U	<0.021U
	Acenaphthylene	mg/kg	0.0088	100	0.12	0.29	<0.017U	0.035J	0.02J	0.19 - 0.2J	0.15	0.12	0.045J	0.016J	0.02J
	Acetophenone	mg/kg	0.018		<0.02U	<0.02U	<0.021U	<0.021U	0.025J	<0.019U	<0.023U	<0.021U	<0.02U	<0.02U	<0.02U
	Anthracene	mg/kg	0.0075	100	1.4J	0.43J	2.7	0.13	0.19	6.7	0.17	0.13	0.035J	<0.019U	0.022J
	Atrazine	mg/kg	0.035		<0.16U	<0.16U	<0.17U	<0.17U	<0.16U	<0.16U	<0.18U	<0.17U	<0.16U	<0.16U	<0.16U
	Benz(a)anthracene	mg/kg	0.033	1	2.5J	1.4J	4.3	0.3	0.36	9.5 - 9.9	0.62	0.42	0.098	0.049J	0.088
	Benzaldehyde	mg/kg	0.042		<0.046U	<0.046U	<0.047U	0.06J	<0.045U	<0.045U	<0.051U	<0.047U	<0.045U	<0.046U	<0.046U
	Benzo(a) pyrene	mg/kg	0.0077	1	2.2J	1.3J	3.2	0.27	0.28	8 - 8.6	0.7	0.45	0.099	0.057J	0.092
	Benzo(b)fluoranthene	mg/kg	0.012	1	2.5	1.6	3.9	0.32	0.38	9.1 - 10	0.88	0.56	0.15	0.085	0.13
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	1.3	0.84	1.4	0.19	0.2	4.5 - 5.2	0.51	0.34	0.087	0.051J	0.069J
	Benzo(k)fluoranthene	mg/kg	0.015	1	0.92	0.56	1.9	0.096	0.12	3.3 - 4.6	0.31	0.2	0.049J	0.027J	0.031J
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.018U	<0.018U	<0.018U	<0.018U	<0.017U	<0.017U	<0.02U	<0.018U	<0.017U	<0.018U	<0.018U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.013U	<0.013U	<0.014UJ	<0.014U	<0.013U	<0.013U	<0.015UJ	<0.014UJ	<0.013U	<0.013U	<0.013UJ
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.027U	<0.027U	<0.028U	<0.028U	<0.027U	<0.027U	<0.031U	<0.028U	<0.027U	<0.027U	<0.027U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		<0.39U	<0.39U	<0.4U	<0.41U	<0.39U	<0.38U	<0.44U	<0.41U	<0.39U	<0.39U	<0.39U
	Butyl benzyl phthalate	mg/kg	0.049		<0.25U	<0.25U	<0.26U	<0.26U	<0.25U	<0.25U	<0.28U	<0.26U	<0.25U	<0.25U	<0.25U

				Sample Name	MSA-B001-051620	MSA-B002-051620	MSA-B003-051620	MSA-B004-051620	MSA-B005-051720 (DUP-1)	MSA-B005-051720	MSA-B006-051620	MSA-B007-051620	MSA-B008-051620	MSA-B009-051620	MSA-B010-051620	MSA-B011-051620	MSA-B012-051620	MSA-B013	MSA-B014	MSA-B015	MSA-B016	MSA-B017	MSA-B018	MSA-B019	MSA-B020	MSA-B021
				Boring ID	MSA-B001	MSA-B002	MSA-B003	MSA-B004	MSA-B005	MSA-B005	MSA-B006	MSA-B007	MSA-B008	MSA-B009	MSA-B010	MSA-B011	MSA-B012	MSA-B013	MSA-B014	MSA-B015	MSA-B016	MSA-B017	MSA-B018	MSA-B019	MSA-B020	MSA-B021
				Sample Depth (ft bgs)	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17	0-0.17
				Sample Date	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/17/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	5/16/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020	6/24/2020
				Lab Report	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-105914-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1	180-107588-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																						
SVOCs	Caprolactam	mg/kg	0.22		<0.52U	<0.26U	<0.24U	<0.25U	<0.51U	<0.25U	<0.27U	<0.26U	<0.31U	<0.8U	<0.26U	<0.26U	<0.49U	<0.25U	<0.25U	<0.25U	<0.25U	<1.2U	<0.25U	<0.25U	<0.26U	<0.25U
	Carbazole	mg/kg	0.0071		0.26	0.023J	0.12	<0.018U	0.038J	0.086J	0.035J	<0.019U	<0.023U	0.11J	0.048J	0.048J	0.043J	0.045J	0.066J	0.15	0.075J	0.33J	0.045J	0.02J	0.062J	0.062J
	Chrysene	mg/kg	0.041	1	6.8J	0.54	2.2	0.19	0.59J	1.1J	0.38	0.056J	0.3J	4	0.86	1	0.72	0.79	2.4	1.6	0.54	6.9	1	0.43	0.95	1.4
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	1.5	0.18	0.47	0.1	0.27	0.24	0.13	<0.052U	0.12	1.1	0.26	0.3	0.29	0.23	0.55	0.38	0.17	1.8	0.27	0.15	0.25	0.38
	Dibenzofuran	mg/kg	0.016	14	0.12J	<0.018U	0.05J	<0.017U	<0.034UJ	0.056J	0.058J	<0.018U	0.084J	0.083J	0.049J	0.079J	<0.033U	0.086J	0.15J	0.1J	0.086J	0.18J	0.019J	<0.017U	0.049J	0.092J
	Diethylphthalate	mg/kg	0.042		<0.28U	<0.14U	<0.13U	<0.14U	<0.27U	<0.13U	<0.14U	<0.14U	<0.17U	<0.43U	<0.14U	<0.14U	<0.26U	<0.14U	<0.14U	<0.14U	<0.14U	<0.66U	<0.13U	<0.14U	<0.14U	<0.14U
	Dimethyl phthalate	mg/kg	0.014		<0.059U	<0.03U	<0.028U	<0.029U	<0.058U	<0.028U	<0.031U	<0.03U	<0.036U	<0.091U	<0.029U	<0.029U	<0.056U	<0.029U	<0.029U	<0.029U	<0.029U	<0.14U	<0.028U	<0.029U	<0.029U	<0.029U
	Di-n-butyl phthalate	mg/kg	0.045		<0.35U	<0.18U	<0.16U	<0.17U	<0.34U	<0.17U	<0.18U	<0.18U	<0.21U	<0.54U	<0.17U	<0.17U	<0.33U	<0.17U	<0.17U	<0.17U	<0.17U	<0.82U	<0.17U	<0.17U	<0.17U	<0.17U
	Di-n-octyl phthalate	mg/kg	0.038		<0.46U	<0.24U	<0.22U	<0.22U	<0.45U	<0.22U	<0.24U	<0.24U	<0.28U	<0.71U	<0.23U	<0.23U	<0.44U	<0.23U	<0.22U	<0.23U	<0.23U	<1.1U	<0.22U	<0.23U	<0.23U	<0.23U
	Fluoranthene	mg/kg	0.067	100	7.9J	0.63	3.1	0.22	0.81J	2J	0.41	0.071J	0.27	6.1	1.1	0.99	1	0.84	2.3	2.3	0.89	9.1	1.1	0.45	1.2	2
	Fluorene	mg/kg	0.0095	100	0.34	0.037J	0.15	<0.015U	0.054J	0.13J	0.047J	<0.016U	<0.019U	0.12J	0.068J	0.11	0.055J	0.099	0.23	0.16	0.086	0.52	0.053J	0.037J	0.084	0.16
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.057U	<0.029U	<0.027U	<0.028U	<0.056U	<0.027U	<0.03U	<0.029U	<0.035U	<0.088U	<0.028U	<0.028U	<0.054U	<0.028U	<0.028U	<0.028U	<0.028U	<0.13U	<0.027U	<0.028U	<0.028U	<0.028U
	Hexachlorobutadiene	mg/kg	0.0081		<0.046U	<0.024U	<0.022U	<0.023U	<0.045U	<0.022U	<0.024U	<0.024U	<0.028U	<0.072U	<0.023U	<0.023U	<0.044U	<0.023U	<0.023U	<0.023U	<0.023U	<0.11U	<0.022U	<0.023U	<0.023U	<0.023U
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.081U	<0.042U	<0.038U	<0.04U	<0.079U	<0.039U	<0.042U	<0.041U	<0.049U	<0.13U	<0.04U	<0.04U	<0.077U	<0.04U	<0.039U	<0.04U	<0.04U	<0.19U	<0.039U	<0.04U	<0.04U	<0.04U
	Hexachloroethane	mg/kg	0.017		<0.041U	<0.021U	<0.019U	<0.02U	<0.04U	<0.02U	<0.021U	<0.021U	<0.025U	<0.063U	<0.02U	<0.02U	<0.039U	<0.02U	<0.02U	<0.02U	<0.02U	<0.097U	<0.02U	<0.02U	<0.02U	<0.02U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	5.5J	0.44	1.6	0.15	0.58	0.68	0.22	0.046J	0.1	3.4	0.75	0.86	0.67	0.57	1.5	1.2	0.39	5.6	0.82	0.31	0.67	1.1
	Isophorone	mg/kg	0.017		<0.04U	<0.021U	<0.019U	<0.02U	<0.04U	<0.019U	<0.021U	<0.021U	<0.025U	<0.062U	<0.02U	<0.02U	<0.038U	<0.02U	<0.02U	<0.02U	<0.02U	<0.096U	<0.019U	<0.02U	<0.02U	<0.02U
	Naphthalene	mg/kg	0.0066	100	0.37	0.029J	0.11	0.027J	0.064J	0.066J	0.13	0.025J	0.15	0.26	0.16	0.42	0.077J	0.49	0.9	0.26	0.16	0.38	0.069J	0.06J	0.23	0.79
	Nitrobenzene	mg/kg	0.03		<0.29U	<0.15U	<0.14U	<0.14U	<0.28U	<0.14U	<0.15U	<0.15U	<0.18U	<0.45U	<0.14U	<0.14U	<0.28U	<0.14U	<0.14U	<0.14U	<0.14U	<0.69U	<0.14U	<0.14U	<0.14U	<0.14U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.054U	<0.028U	<0.025U	<0.026U	<0.053U	<0.026U	<0.028U	<0.027U	<0.033U	<0.083U	<0.027U	<0.027U	<0.051U	<0.026U	<0.026U	<0.026U	<0.026U	<0.13U	<0.026U	<0.026U	<0.027U	<0.026U
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.26U	<0.14U	<0.12U	<0.13U	<0.26U	<0.13U	<0.14U	<0.13U	<0.16U	<0.41U	<0.13U	<0.13U	<0.25U	<0.13U	<0.13U	<0.13U	<0.13U	<0.63U	<0.13U	<0.13U	<0.13U	<0.13U
	Pentachlorophenol	mg/kg	0.032	2.4	<1.3U	<0.65U	<0.6U	<0.62U	<1.2U	<0.61U	<0.66U	<0.65U	<0.77U	<2U	<0.63U	<0.63U	<1.2U	<0.62U	<0.62U	<0.62U	<0.62U	<3U	<0.61U	<0.63U	<0.63U	<0.62U
	Phenanthrene	mg/kg	0.067	100	2.1	0.17	1.4	0.083	0.28J	1.4J	0.34	0.057J	0.37	1	0.4	0.45	0.33	0.51	0.87	1.1	0.6	3.5	0.24	0.12	0.54	0.91
	Phenol	mg/kg	0.0085	100	<0.24U	<0.12U	<0.11U	<0.12U	<0.24U	<0.11U	<0.13U	<0.12U	<0.15U	<0.37U	<0.12U	<0.12U	<0.23U	<0.12U	<0.12U	<0.12U	<0.12U	<0.57U	<0.11U	<0.12U	<0.12U	<0.12U
	Pyrene	mg/kg	0.067	100	9.5J	0.78	3.3	0.24	0.81J	2J	0.45	0.07J	0.25	6.2	1.1	1.2	1.1	1.1	3.7	2.5	0.88	11	1.4	0.61	1.5	2.2
	PAHs (Sum of total)	mg/kg			71.81	5.896	23.57	2.06	6.978	12.54	3.977	0.6505	2.407	44.07	9.368	11.28	8.282	9.309	25.62	17.92	6.556	78.8	10.84	4.597	10.61	17.65

Notes:
EQL - Estimated Quantitation Limit
mg/kg - milligrams per kilogram
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - non-detect at the value shown
J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference
B - Compound was found in the blank and sample.
^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	MSA-B022	MSA-B023	MSA-B024	STI-B001-052220	STI-B002-052220	STI-B003-052720	STI-B004-060120	STI-B005-060120 (DUP-3)	STI-B005-060120	STI-B006-060120	STI-B007-060120	STI-B008-060220	STI-B009-060220	STI-B010-060320	STI-B011-060320	STI-B012-060320	STI-B013-060420	STI-B014-060420	STI-B015-060420 (DUP-9)	STI-B015-060420	STI-B016-060420
				Boring ID	MSA-B022	MSA-B023	MSA-B024	STI-B001	STI-B002	STI-B003	STI-B004	STI-B005	STI-B005	STI-B006	STI-B007	STI-B008	STI-B009	STI-B010	STI-B011	STI-B012	STI-B013	STI-B014	STI-B015	STI-B015	STI-B016
				Sample Depth (ft bgs)	0-0.17	0-0.17	0-0.17	1-1	1-1	1-1	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	0.5-0.5	1-1	0.5-0.5	1-1	1-1	1-1
				Sample Date	6/24/2020	6/24/2020	6/24/2020	5/22/2020	5/22/2020	5/27/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/2/2020	6/2/2020	6/3/2020	6/3/2020	6/3/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020
				Lab Report	180-107588-1	180-107588-1	180-107588-1	180-106148-1	180-106148-1	180-106322-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106577-1	180-106577-1	180-106577-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
SVOCs	Caprolactam	mg/kg	0.22		<0.26U	<2.5U	<1.2U	<0.23U	<0.26U	<0.48U	<16U	<0.9U	<0.92U	<0.22U	<2.3U	<0.23U	<0.24U	-	-	-	<0.24U	<0.24U	<0.24U	<0.23U	<0.23U
	Carbazole	mg/kg	0.0071		2.3	0.41J	0.37J	0.14	0.065J	1.5	1.9J	0.69	0.4	<0.016U	2.2	0.09	0.042J	-	-	-	<0.017U	0.073J	<0.017U	<0.017U	0.021J
	Chrysene	mg/kg	0.041	1	5.6	7.3	8.6	0.48	0.3	5.5	140	17J	9.6J	0.34	15	0.78	1	-	-	-	0.11	0.44	<0.041UJ	0.045J	0.32
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	1.1	2.2	2.3	0.077	0.057J	0.92	34	4.1	2.5	0.065J	3	0.2	0.23	-	-	-	<0.048U	0.071J	<0.047U	<0.046U	<0.046U
	Dibenzofuran	mg/kg	0.016	14	1.9	0.27J	0.14J	0.12J	0.047J	1.4	<1.1U	0.44J	0.25J	0.018J	1.7J	0.093J	<0.016U	-	-	-	0.016J	0.11J	<0.016U	<0.016U	0.053J
	Diethylphthalate	mg/kg	0.042		<0.14U	<1.4U	<0.67U	<0.12U	<0.14U	<0.26U	<8.8U	<0.49U	<0.5U	<0.12U	<1.2U	<0.13U	<0.13U	-	-	-	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U
	Dimethyl phthalate	mg/kg	0.014		<0.03U	<0.29U	<0.14U	<0.026U	<0.029U	<0.055U	<1.9U	<0.1U	<0.1U	<0.025U	<0.26U	<0.027U	<0.028U	-	-	-	<0.028U	<0.027U	<0.027U	<0.027U	<0.027U
	Di-n-butyl phthalate	mg/kg	0.045		<0.17U	<1.7U	<0.83U	<0.15U	<0.17U	<0.32U	<11U	<0.61U	<0.62U	<0.15U	<1.6U	<0.16U	<0.16U	-	-	-	<0.16U	<0.16U	<0.16U	<0.16U	<0.16U
	Di-n-octyl phthalate	mg/kg	0.038		<0.23U	<2.3U	<1.1U	<0.2U	<0.23U	<0.43U	<15U	<0.81U	<0.82U	<0.2U	<2.1U	<0.21U	<0.22U	-	-	-	<0.22U	<0.21U	<0.21U	<0.21U	<0.21U
	Fluoranthene	mg/kg	0.067	100	16	10	11	1.3	0.67	12	190	26J	14J	0.43	29	1.2	1.2	-	-	-	0.16	0.8	0.037J	0.053J	0.36
	Fluorene	mg/kg	0.0095	100	2.6	0.7J	0.58	0.19	0.082	2	3J	0.8	0.46	0.016J	3.1	0.12	0.067J	-	-	-	<0.015U	0.07J	<0.014U	<0.014U	0.03J
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.029U	<0.28U	<0.14U	<0.025U	<0.028U	<0.053U	<1.8U	<0.099U	<0.1U	<0.024U	<0.26U	<0.026U	<0.027U	-	-	-	<0.027U	<0.026U	<0.026U	<0.026U	<0.026U
	Hexachlorobutadiene	mg/kg	0.0081		<0.023U	<0.23U	<0.11U	<0.02U	<0.023U	<0.043U	<1.5U	<0.081U	<0.083U	<0.02U	<0.21U	<0.021U	<0.022U	-	-	-	<0.022U	<0.022U	<0.021U	<0.021U	<0.021U
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.041U	<0.4U	<0.19U	<0.036U	<0.04U	<0.076U	<2.6U	<0.14U	<0.14U	<0.034U	<0.36U	<0.037U	<0.038U	-	-	-	<0.038U	<0.038U	<0.037U	<0.037U	<0.037U
	Hexachloroethane	mg/kg	0.017		<0.021U	<0.2U	<0.098U	<0.018U	<0.02U	<0.038U	<1.3U	<0.071U	<0.073U	<0.017U	<0.18U	<0.019U	<0.019U	-	-	-	<0.019U	<0.019U	<0.019U	<0.019U	<0.019U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	3.6	6.5	7.4	0.22	0.15	2.9	110	14J	7.8J	0.26	9.4	0.52	0.76	-	-	-	0.044J	0.2	<0.036U	<0.036U	0.13
	Isophorone	mg/kg	0.017		<0.02U	<0.2U	<0.097U	<0.018U	<0.02U	<0.038U	<1.3U	<0.071U	<0.072U	<0.017U	<0.18U	<0.018U	<0.019U	-	-	-	<0.019U	<0.019U	<0.019U	<0.018U	<0.018U
	Naphthalene	mg/kg	0.0066	100	5.8	0.91	0.53	0.09	0.045J	1.4	6.8	0.67	0.4	0.06J	1.8	0.18	0.095	-	-	-	0.028J	0.15	0.026J	0.016J	0.14
	Nitrobenzene	mg/kg	0.03		<0.15U	<1.4U	<0.69U	<0.13U	<0.14U	<0.27U	<9.2U	<0.51U	<0.52U	<0.12U	<1.3U	<0.13U	<0.14U	-	-	-	<0.14U	<0.13U	<0.13U	<0.13U	<0.13U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.027U	<0.27U	<0.13U	<0.024U	<0.027U	<0.05U	<1.7U	<0.094U	<0.096U	<0.023U	<0.24U	<0.024U	<0.025U	-	-	-	<0.025U	<0.025U	<0.025U	<0.024U	<0.024U
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.13U	<1.3U	<0.63U	<0.12U	<0.13U	<0.25U	<8.4U	<0.46U	<0.47U	<0.11U	<1.2U	<0.12U	<0.12U	-	-	-	<0.12U	<0.12U	<0.12U	<0.12U	<0.12U
	Pentachlorophenol	mg/kg	0.032	2.4	<0.64U	<6.3U	<3.1U	<0.56U	<0.63U	<1.2U	<40U	<2.2U	<2.3U	<0.54U	<5.7U	<0.58U	<0.6U	-	-	-	<0.6U	<0.59U	<0.59U	<0.58U	<0.58U
	Phenanthrene	mg/kg	0.067	100	16	4.6	3.8J	1.2	0.54	12	17	7.9J	3.5J	0.1	20	0.78	0.45	-	-	-	0.13	0.67	0.049J	0.051J	0.29
	Phenol	mg/kg	0.0085	100	<0.12U	<1.2U	<0.57U	<0.11U	<0.12U	<0.22U	<7.6U	<0.42U	<0.43U	<0.1U	<1.1U	<0.11U	<0.11U	-	-	-	<0.11U	<0.11U	<0.11U	<0.11U	<0.11U
	Pyrene	mg/kg	0.067	100	12	12	13	0.88	0.53	9	260	32J	18J	0.54	30	1.2	1.6	-	-	-	0.14	0.63	0.035J	0.045J	0.44
	PAHs (Sum of total)	mg/kg			96.2	86.31	99.91	6.765	3.843	73.53	1567	201.6	111.9	3.717	189.8	9.1	10.93	-	-	-	1.031	4.853	0.33	0.3925	2.985

Notes:

EQL - Estimated Quantitation Limit

mg/kg - milligrams per kilogram

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - non-detect at the value shown

J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference

B - Compound was found in the blank and sample.

^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-B017-060420	STI-B018-060420	STI-B019-060420	STI-B020-060420	STI-B021-060420	STI-B023-060420	STI-B024-060420	STI-B025-060420 (DUP-10)	STI-B025-060420	STI-B026-060420	STI-B027-060420	STI-B028-060420	STI-B030-060420	STI-B031-060420	STI-B032-060420	STI-B034-061720	STI-B-129-SUB-2-4	STI-B-130-SS-0-0.17	STI-B-130-SUB-0.17-2	STI-B-131-SS-0-0.17
				Boring ID	STI-B017	STI-B018	STI-B019	STI-B020	STI-B021	STI-B023	STI-B024	STI-B025	STI-B025	STI-B026	STI-B027	STI-B028	STI-B030	STI-B031	STI-B032	STI-B034	STI-B129	STI-B130	STI-B130	STI-B131
				Sample Depth (ft bgs)	1-1	1-1	0.5-0.5	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.5-0.5	0.5-0.5	1-1	0-0.5	2-4	0-0.17	0.17-2	0-0.17
				Sample Date	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/17/2020	12/19/2019	12/20/2019	12/19/2019	12/20/2019
				Lab Report	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-106675-1	180-107166-1	180-100367-2	180-100361-2	180-100367-1	180-100361-2
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																				
SVOCs	Caprolactam	mg/kg	0.22		<0.23U	<0.24U	<0.25U	<0.23U	<0.25U	<0.24U	<0.5U	<0.25U	<0.26U	<0.24U	<0.25U	<0.24U	<0.25U	<0.26U	<0.26U	<0.28U	<0.25U	<2.8U	<2.5U	<0.86U
	Carbazole	mg/kg	0.0071		0.19	0.052J	0.11	0.081	0.19	0.41	0.067J	<0.018U	0.021J	0.37	0.16	1.1	0.028J	0.27	<0.018U	<0.02U	0.026J	0.38J	<0.18U	0.09J
	Chrysene	mg/kg	0.041	1	0.73	0.37	1	0.29	0.98	1.2	0.33	0.088	0.08	1.3	0.62	5.5	0.099	1.1	0.29	0.22	0.12	8.7	2.8	1.8
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	0.12	0.064J	0.17	0.061J	0.19	0.25	<0.098U	<0.049U	<0.051U	0.27	0.11	1.1	<0.049U	0.19	<0.051U	0.056J	<0.017U	2.5	0.52J	0.59
	Dibenzofuran	mg/kg	0.016	14	0.18J	0.065J	0.12J	0.065J	0.22J	0.44	0.068J	<0.017UJ	0.017J	0.32J	0.14J	1.1	0.075J	0.29J	0.12J	<0.019U	0.049J	<0.19U	<0.17U	0.067J
	Diethylphthalate	mg/kg	0.042		<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.27U	<0.14U	<0.14U	<0.13U	<0.13U	<0.13U	<0.13U	<0.14U	<0.14U	<0.15U	<0.13U	<1.5U	<1.4U	<0.46U
	Dimethyl phthalate	mg/kg	0.014		<0.027U	<0.027U	<0.028U	<0.026U	<0.028U	<0.027U	<0.056U	<0.029U	<0.029U	<0.028U	<0.028U	<0.027U	<0.028U	<0.03U	<0.029U	<0.032U	<0.014U	<0.16U	<0.14U	<0.048U
	Di-n-butyl phthalate	mg/kg	0.045		<0.16U	<0.16U	<0.17U	<0.16U	<0.17U	<0.16U	<0.33U	<0.17U	<0.17U	<0.16U	<0.17U	<0.16U	<0.17U	<0.18U	<0.17U	<0.19U	<0.17U	<1.9U	<1.7U	<0.58U
	Di-n-octyl phthalate	mg/kg	0.038		<0.21U	<0.21U	<0.22U	<0.21U	<0.22U	<0.21U	<0.44U	<0.22U	<0.23U	<0.22U	<0.22U	<0.22U	<0.22U	<0.23U	<0.23U	<0.25U	<0.22U	<2.5U	<2.3U	<0.77U
	Fluoranthene	mg/kg	0.067	100	1.5	0.52	1.4	0.57	1.7	2.8	0.57	0.13	0.13	2.8	1.2	10	0.19	2.5	0.21	0.29	0.18	12	3.1	3.4
	Fluorene	mg/kg	0.0095	100	0.26	0.061J	0.13	0.087	0.2	0.59	0.083J	<0.015UJ	0.021J	0.45	0.18	1.6	0.028J	0.34	<0.016U	<0.017U	0.035J	0.41J	<0.15U	0.11J
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.026U	<0.026U	<0.027U	<0.026U	<0.027U	<0.026U	<0.055U	<0.028U	<0.028U	<0.027U	<0.027U	<0.027U	<0.027U	<0.029U	<0.028U	<0.031U	<0.027U	<0.31U	<0.28U	<0.095U
	Hexachlorobutadiene	mg/kg	0.0081		<0.021U	<0.021U	<0.022U	<0.021U	<0.022U	<0.021U	<0.045U	<0.023U	<0.023U	<0.022U	<0.022U	<0.022U	<0.022U	<0.023U	<0.023U	<0.025U	<0.022U	<0.25U	<0.23U	<0.077U
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.037U	<0.037U	<0.039U	<0.037U	<0.039U	<0.037U	<0.078U	<0.039U	<0.041U	<0.038U	<0.039U	<0.038U	<0.039U	<0.041U	<0.04U	<0.044U	<0.039U	<0.44U	<0.4U	<0.14U
	Hexachloroethane	mg/kg	0.017		<0.019U	<0.019U	<0.02U	<0.018U	<0.019U	<0.019U	<0.039U	<0.02U	<0.02U	<0.019U	<0.019U	<0.019U	<0.02U	<0.021U	<0.02U	<0.022U	<0.02U	<0.22U	<0.2U	<0.068U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	0.37	0.16	0.54	0.16	0.52	0.74	0.2	0.055J	0.055J	0.77	0.34	3.1	0.051J	0.63	0.08	0.18	0.056J	7.5	2.1	1.2
	Isophorone	mg/kg	0.017		<0.018U	<0.019U	<0.02U	<0.018U	<0.019U	<0.018U	<0.039U	<0.02U	<0.02U	<0.019U	<0.019U	<0.019U	<0.019U	<0.02U	<0.02U	<0.022U	<0.019U	<0.22U	<0.2U	<0.068U
	Naphthalene	mg/kg	0.0066	100	0.21	0.14	0.2	0.11	0.37	0.76	0.15	0.022J	0.02J	0.42	0.19	1.5	0.12	0.36	0.23	<0.017U	0.12	0.39J	<0.15U	0.1J
	Nitrobenzene	mg/kg	0.03		<0.13U	<0.13U	<0.14U	<0.13U	<0.14U	<0.13U	<0.28U	<0.14U	<0.14U	<0.14U	<0.14U	<0.14U	<0.14U	<0.15U	<0.14U	<0.16U	<0.14U	<1.6U	<1.4U	<0.48U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.024U	<0.025U	<0.026U	<0.024U	<0.026U	<0.025U	<0.052U	<0.026U	<0.027U	<0.025U	<0.026U	<0.025U	<0.026U	<0.027U	<0.027U	<0.029U	<0.026U	<0.29U	<0.26U	<0.09U
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.12U	<0.12U	<0.13U	<0.12U	<0.13U	<0.12U	<0.25U	<0.13U	<0.13U	<0.12U	<0.13U	<0.12U	<0.13U	<0.13U	<0.13U	<0.14U	<0.13U	<1.4U	<1.3U	<0.44U
	Pentachlorophenol	mg/kg	0.032	2.4	<0.58U	<0.58U	<0.62U	<0.57U	<0.61U	<0.58U	<1.2U	<0.62U	<0.64U	<0.6U	<0.61U	<0.6U	<0.61U	<0.64U	<0.64U	<0.69U	<0.61U	<7U	<6.2U	<2.1U
	Phenanthrene	mg/kg	0.067	100	1.6	0.51	1	0.58	1.5	3.1	0.52	0.12	0.14	2.9	1.2	8.7	0.26	2.2	0.46	0.13	0.25	3.2	0.9	1.1
	Phenol	mg/kg	0.0085	100	<0.11U	<0.11U	<0.12U	<0.11U	<0.11U	<0.11U	<0.23U	<0.12U	<0.12U	<0.11U	<0.11U	<0.11U	<0.12U	<0.12U	<0.12U	<0.13U	<0.12U	<1.3U	<1.2U	<0.4U
	Pyrene	mg/kg	0.067	100	1.4	0.54	1.4	0.55	1.4	2.3	0.46	0.11	0.12	2.3	1	8.6	0.14	1.7	0.17	0.26	0.17	13	3.7	2.8
	PAHs (Sum of total)	mg/kg			9.72	3.784	10.13	3.778	11.21	17.88	3.926	0.9215	0.963	17.65	7.695	66.04	1.331	14.37	2.168	2.236	1.481	96.4	28.47	19.94

Notes:

EQL - Estimated Quantitation Limit

mg/kg - milligrams per kilogram

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - non-detect at the value shown

J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference

B - Compound was found in the blank and sample.

^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-B-131-SUB-0.17-2	STI-B-132-SS-0-0.17	STI-B-132-SUB-0.17-2	STI-B-141-SUB-0.17-2	STI-B-142-SUB-0.17-2	STI-B-143-SUB-0.17-2	STI-B-144-SUB-0.17-2	STI-B29-SS	STI-B29-SUB-0.17-2	STI-FD#4	STI-B30-SS	STI-B30-SUB-0.17-2	STI-B32-SS	STI-B32-SUB-0.17-2	STI-B33-SS	STI-B33-SUB-0.17-2	STI-B46-SS	STI-B46-SUB-0.17-2	STI-FD-6	STI-B47-SS	STI-B47-SUB-0.17-2
				Boring ID	STI-B131	STI-B132	STI-B132	STI-B141	STI-B142	STI-B143	STI-B144	STI-B29	STI-B29	STI-B29	STI-B30	STI-B30	STI-B32	STI-B32	STI-B33	STI-B33	STI-B46	STI-B46	STI-B46	STI-B47	STI-B47
				Sample Depth (ft bgs)	0.17-2	0-0.17	0.17-2	0.17-2	0.17-2	0.17-2	0.17-2	0-0.17	0.17-2	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0.17-2	0-0.17	0.17-2
				Sample Date	12/19/2019	12/20/2019	12/19/2019	12/18/2019	12/18/2019	12/18/2019	12/18/2019	10/23/2015	10/23/2015	10/23/2015	10/23/2015	10/23/2015	10/21/2015	10/21/2015	10/21/2015	10/21/2015	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016
				Lab Report	180-100367-1	180-100361-2	180-100367-1	180-100367-1	180-100367-1	180-100367-1	180-100367-1	180-49063-1	180-49063-1	180-49063-1	180-49063-1	180-49063-1	180-48975-1	180-48975-1	180-48975-1	180-48975-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
SVOCs	Caprolactam	mg/kg	0.22		<1.2U	<0.54U	<2.5U	-	-	-	-	<0.3U	<0.54U	<2.7U	<0.3U	<0.27U	<0.64U	<0.29U	<0.33U	<0.29U	-	-	-	-	-
	Carbazole	mg/kg	0.0071		<0.089U	0.048J	<0.18U	-	-	-	-	0.028J	<0.013U	<0.066U	<0.0073U	0.022J	0.13J	0.0096J	0.028J	<0.0071U	-	-	-	-	-
	Chrysene	mg/kg	0.041	1	1.8	0.92	4.2J	-	-	-	-	0.47	0.44	1.4	0.48	0.65	1.2	0.17	0.21	0.028J	-	-	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	0.47	0.32	1.1	-	-	-	-	0.085	0.16	0.58J	0.1	0.15	0.24	<0.0085U	<0.0098U	<0.0085U	-	-	-	-	-
	Dibenzofuran	mg/kg	0.016	14	<0.083U	0.04J	<0.17U	-	-	-	-	<0.039U	<0.071U	<0.35U	0.068J	0.074J	<0.083U	<0.038U	<0.043U	<0.038U	-	-	-	-	-
	Diethylphthalate	mg/kg	0.042		<0.67U	<0.29U	<1.4U	-	-	-	-	0.084J	<0.079U	<0.39U	<0.043U	0.041J	0.25J	0.11J	<0.048U	<0.042U	-	-	-	-	-
	Dimethyl phthalate	mg/kg	0.014		<0.069U	<0.03U	<0.14U	-	-	-	-	<0.043U	<0.078U	<0.39U	<0.043U	<0.039U	<0.092U	<0.042U	<0.048U	<0.042U	-	-	-	-	-
	Di-n-butyl phthalate	mg/kg	0.045		<0.83U	<0.36U	<1.7U	-	-	-	-	<0.049U	<0.09U	<0.45U	<0.05U	<0.045U	<0.11U	<0.048U	<0.055U	<0.048U	-	-	-	-	-
	Di-n-octyl phthalate	mg/kg	0.038		<1.1U	<0.48U	<2.3U	-	-	-	-	<0.042U	<0.076U	<0.38U	<0.042U	<0.038U	<0.089U	<0.04U	<0.046U	<0.04U	-	-	-	-	-
	Fluoranthene	mg/kg	0.067	100	1.5	1.4	3.5J	-	-	-	-	0.74	0.32	1.2	0.5	0.7	2.1	0.25	0.41	0.044J	-	-	-	-	-
	Fluorene	mg/kg	0.0095	100	0.099J	0.066J	0.23J	-	-	-	-	0.028J	<0.019U	<0.095U	<0.01U	<0.0095U	0.14J	<0.01U	<0.012U	<0.01U	-	-	-	-	-
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.14U	<0.059U	<0.28U	-	-	-	-	<0.0084U	<0.015U	<0.076U	<0.0084U	<0.0077U	<0.018U	<0.0081U	<0.0094U	<0.0082U	-	-	-	-	-
	Hexachlorobutadiene	mg/kg	0.0081		<0.11U	<0.048U	<0.23U	-	-	-	-	<0.0088U	<0.016U	<0.08U	<0.0088U	<0.0081U	<0.019U	<0.0085U	<0.0099U	<0.0086U	-	-	-	-	-
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.19U	<0.085U	<0.4U	-	-	-	-	<0.043U	<0.078U	<0.39U	<0.043U	<0.039U	<0.091U	<0.041U	<0.047U	<0.041U	-	-	-	-	-
	Hexachloroethane	mg/kg	0.017		<0.098U	<0.043U	<0.2U	-	-	-	-	<0.028U	<0.052U	<0.26U	<0.028U	<0.026U	<0.061U	<0.027U	<0.032U	<0.028U	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	1.4	0.69	3.9J	-	-	-	-	0.33	0.61	1.9	0.27	0.35	0.75	0.13	0.13	<0.0079U	-	-	-	-	-
	Isophorone	mg/kg	0.017		<0.097U	<0.042U	<0.2U	-	-	-	-	<0.03U	<0.054U	<0.27U	<0.03U	<0.027U	<0.064U	<0.029U	<0.033U	<0.029U	-	-	-	-	-
	Naphthalene	mg/kg	0.0066	100	<0.074U	0.076J	0.27J	-	-	-	-	0.033J	<0.012U	<0.062U	0.2	0.33	0.064J	<0.0066U	<0.0076U	<0.0066U	-	-	-	-	-
	Nitrobenzene	mg/kg	0.03		<0.7U	<0.3U	<1.4U	-	-	-	-	<0.033U	<0.06U	<0.3U	<0.033U	<0.03U	<0.07U	<0.032U	<0.037U	<0.032U	-	-	-	-	-
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.13U	<0.056U	<0.26U	-	-	-	-	<0.0093U	<0.017U	<0.084U	<0.0093U	<0.0085U	<0.02U	<0.009U	<0.01U	<0.009U	-	-	-	-	-
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.63U	<0.28U	<1.3U	-	-	-	-	<0.037U	<0.067U	<0.33U	<0.037U	<0.033U	<0.078U	<0.035U	<0.041U	<0.035U	-	-	-	-	-
	Pentachlorophenol	mg/kg	0.032	2.4	<3.1U	<1.3U	<6.2U	-	-	-	-	<0.035U	<0.064U	<0.32U	<0.035U	<0.032U	<0.075U	<0.034U	<0.039U	<0.034U	-	-	-	-	-
	Phenanthrene	mg/kg	0.067	100	0.36J	0.57	0.81	-	-	-	-	0.29	0.082J	0.41J	0.32	0.42	1.1	0.1	0.22	0.025J	-	-	-	-	-
	Phenol	mg/kg	0.0085	100	<0.58U	<0.25U	<1.2U	-	-	-	-	<0.0093U	<0.017U	<0.085U	<0.0093U	<0.0085U	<0.02U	<0.009U	<0.01U	<0.009U	-	-	-	-	-
	Pyrene	mg/kg	0.067	100	1.8	1.4	4.6J	-	-	-	-	0.78	0.42	1.5	0.53	0.78	1.6	0.21	0.28	0.034J	-	-	-	-	-
	PAHs (Sum of total)	mg/kg			18.22	10.03	45.41	-	-	-	-	5.246	5.372	18.06	4.66	6.39	12.5	1.636	2.12	0.156	-	-	-	-	-

Notes:
EQL - Estimated Quantitation Limit
mg/kg - milligrams per kilogram
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - non-detect at the value shown
J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference
B - Compound was found in the blank and sample.
^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-B48-SS	STI-B48-SUB-0.17-2	STI-S001A-052220	STI-S001B-052220	STI-S002A-052220	STI-S002B-052220	STI-S003A-052220	STI-S003B-052220	STI-S004A-052220	STI-S004B-052220	STI-S005A-052220	STI-S005B-052220	STI-S006A-052220	STI-S006B-052220	STI-S007A-052720	STI-S007B-052820	STI-S008A-052720	STI-S008B-052820	STI-S009A-052720	STI-S009B-052820
				Boring ID	STI-B48	STI-B48	STI-S001	STI-S001	STI-S002	STI-S002	STI-S003	STI-S003	STI-S004	STI-S004	STI-S005	STI-S005	STI-S006	STI-S006	STI-S007	STI-S007	STI-S008	STI-S008	STI-S009	STI-S009
				Sample Depth (ft bgs)	0-0.17	0.17-2	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1
				Sample Date	9/9/2016	9/9/2016	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/27/2020	5/28/2020	5/28/2020	5/27/2020	5/28/2020
				Lab Report	180-58503-1	180-58503-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106148-1	180-106322-1	180-106322-1	180-106322-1	180-106322-1	180-106322-1	180-106322-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																				
SVOCs	Caprolactam	mg/kg	0.22		-	-	<10U	<0.25U	<9.3U	<0.24U	<12U	<0.47U	<10U	<6.2U	<24U	<0.53U	<9.7U	<0.24U	<2.3U	<0.47U	<2.3U	<2.5U	<2.5U	<0.26U
	Carbazole	mg/kg	0.0071		-	-	80	0.57	63	0.38	78	4	54	21	160	9.4 - 9.8	52	0.5	3.7	0.68	17	7.3	4.4	0.8
	Chrysene	mg/kg	0.041	1	-	-	200	2.5	160	1.6	180	12	140	66	380	27 - 29	130	1.6	21	3.6	52	23	15	2.7
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	-	-	33	0.39	25	0.29	30	1.9	23	11	63	4.4 - 5.4	21	0.27	3.4	0.6	8	4	2.3	0.44
	Dibenzofuran	mg/kg	0.016	14	-	-	77	0.61	61	0.32J	84	3.6	56	19	170	9 - 9.7	51	0.39	2.6J	0.55J	18	7.4	4.3	0.81
	Diethylphthalate	mg/kg	0.042		-	-	<5.4U	<0.14U	<5U	<0.13U	<6.5U	<0.25U	<5.5U	<3.4U	<13U	<0.28U	<5.2U	<0.13U	<1.3U	<0.25U	<1.3U	<1.3U	<1.3U	<0.14U
	Dimethyl phthalate	mg/kg	0.014		-	-	<1.1U	<0.029U	<1.1U	<0.028U	<1.4U	<0.053U	<1.2U	<0.71U	<2.7U	<0.06U	<1.1U	<0.027U	<0.26U	<0.054U	<0.26U	<0.28U	<0.28U	<0.029U
	Di-n-butyl phthalate	mg/kg	0.045		-	-	<6.8U	<0.17U	<6.2U	<0.16U	<8.1U	<0.31U	<6.9U	<4.2U	<16U	<0.35U	<6.5U	<0.16U	<1.6U	<0.32U	<1.6U	<1.7U	<1.7U	<0.17U
	Di-n-octyl phthalate	mg/kg	0.038		-	-	<9U	<0.22U	<8.3U	<0.22U	<11U	<0.42U	<9.2U	<5.6U	<21U	<0.47U	<8.7U	<0.21U	<2.1U	<0.42U	<2.1U	<2.2U	<2.2U	<0.23U
	Fluoranthene	mg/kg	0.067	100	-	-	500	5.7	400	3.9	490	27	370	160	950	53 - 74	340	3.9	40	7J	120	51	36	6.2
	Fluorene	mg/kg	0.0095	100	-	-	110	0.86	89	0.5	120	5.4	82	30	230	14	73	0.65	4.2	0.81	24	9.5	6.3	1.2
	Hexachlorobenzene	mg/kg	0.0077	0.33	-	-	<1.1U	<0.028U	<1U	<0.027U	<1.3U	<0.051U	<1.1U	<0.68U	<2.6U	<0.058U	<1.1U	<0.026U	<0.26U	<0.052U	<0.26U	<0.27U	<0.27U	<0.028U
	Hexachlorobutadiene	mg/kg	0.0081		-	-	<0.91U	<0.023U	<0.83U	<0.022U	<1.1U	<0.042U	<0.92U	<0.56U	<2.1U	<0.047U	<0.87U	<0.021U	<0.21U	<0.042U	<0.21U	<0.22U	<0.22U	<0.023U
	Hexachlorocyclopentadiene	mg/kg	0.034		-	-	<1.6U	<0.04U	<1.5U	<0.038U	<1.9U	<0.073U	<1.6U	<0.98U	<3.7U	<0.083U	<1.5U	<0.037U	<0.36U	<0.074U	<0.37U	<0.39U	<0.39U	<0.041U
	Hexachloroethane	mg/kg	0.017		-	-	<0.8U	<0.02U	<0.73U	<0.019U	<0.95U	<0.037U	<0.81U	<0.49U	<1.9U	<0.042U	<0.77U	<0.019U	<0.18U	<0.037U	<0.18U	<0.2U	<0.2U	<0.02U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	-	-	93	1.2	76	0.82	87	5.7	65	32	170	14 - 16	61	0.81	13	2.1	27	12	7.7	1.4
	Isophorone	mg/kg	0.017		-	-	<0.79U	<0.02U	<0.73U	<0.019U	<0.94U	<0.037U	<0.8U	<0.49U	<1.8U	<0.041U	<0.76U	<0.018U	<0.18U	<0.037U	<0.18U	<0.19U	<0.19U	<0.02U
	Naphthalene	mg/kg	0.0066	100	-	-	100	0.74	68	0.27	110	3.5	65	21	210	12 - 13	59	0.42	2.3	0.42	20	8.1	3.8	0.61
	Nitrobenzene	mg/kg	0.03		-	-	<5.7U	<0.14U	<5.2U	<0.14U	<6.8U	<0.26U	<5.8U	<3.5U	<13U	<0.3U	<5.5U	<0.13U	<1.3U	<0.27U	<1.3U	<1.4U	<1.4U	<0.15U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		-	-	<1.1U	<0.026U	<0.96U	<0.025U	<1.3U	<0.049U	<1.1U	<0.65U	<2.5U	<0.055U	<1U	<0.024U	<0.24U	<0.049U	<0.24U	<0.26U	<0.26U	<0.027U
	n-Nitrosodiphenylamine	mg/kg	0.033		-	-	<5.2U	<0.13U	<4.7U	<0.12U	<6.1U	<0.24U	<5.3U	<3.2U	<12U	<0.27U	<5U	<0.12U	<1.2U	<0.24U	<1.2U	<1.3U	<1.3U	<0.13U
	Pentachlorophenol	mg/kg	0.032	2.4	-	-	<25U	<0.62U	<23U	<0.6U	<30U	<1.2U	<25U	<15U	<58U	<1.3U	<24U	<0.58U	<5.7U	<1.2U	<5.7U	<6.1U	<6.1U	<0.64U
	Phenanthrene	mg/kg	0.067	100	-	-	510	5.1	400	3.4	520	24	370	150	980	46 - 78	340	3.5	29	5.7	130	53	36	6.6
	Phenol	mg/kg	0.0085	100	-	-	<4.7U	<0.12U	<4.3U	<0.11U	<5.6U	<0.22U	<4.8U	<2.9U	<11U	<0.25U	<4.5U	<0.11U	<1.1U	<0.22U	<1.1U	<1.2U	<1.2U	<0.12U
	Pyrene	mg/kg	0.067	100	-	-	380	4.6	300	3	360	21	270	120	660	42 - 55	240	3.1	33	5.6	87	39	26	4.3
	PAHs (Sum of total)	mg/kg			-	-	2951	33.06	2324	21.73	2874	160.3	2097	914	5560	359.5 - 418.4	1911	22.22	252	44.05	731.2	312.7	208.9	36.93

Notes:

EQL - Estimated Quantitation Limit

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^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-S010A-060120	STI-S010B-060120	STI-S011-060120	STI-S012-060120	STI-S013-060120	STI-S014-060120	STI-S015-060120 (DUP-2)	STI-S015-060120	STI-S016-060120	STI-S017-060120	STI-S018-060120	STI-S019-060120	STI-S020-060120	STI-S021-060220	STI-S022-060220	STI-S023-060220	STI-S024-060220	STI-S025-060220 (DUP-4)	STI-S025-060220	STI-S026-060220	STI-S027-060320
				Boring ID	STI-S010	STI-S010	STI-S011	STI-S012	STI-S013	STI-S014	STI-S015	STI-S015	STI-S016	STI-S017	STI-S018	STI-S019	STI-S020	STI-S021	STI-S022	STI-S023	STI-S024	STI-S025	STI-S025	STI-S026	STI-S027
				Sample Depth (ft bgs)	0-0.5	0.5-1	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/1/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/2/2020	6/3/2020
				Lab Report	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106505-1	180-106577-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
SVOCs	Caprolactam	mg/kg	0.22		<13U	<5U	<5.8U	<9.2U	<5.7U	<2.3U	<0.94U	<1.8U	<5.5U	<1.1U	<0.22U	<3.6U	<1.2U	<0.22U	<0.25U	<0.24U	<0.25U	<0.24U	<0.24U	<0.7U	-
	Carbazole	mg/kg	0.0071		77	10	3.6	1.9J	2.4	0.31J	3J	7J	2.3	1.1	0.19	0.58J	5.1	0.12	0.031J	0.084	0.029J	0.017J	0.046J	0.22	-
	Chrysene	mg/kg	0.041	1	220	31	32	110	89	21	13J	35J	93	22	3.1	8.8	18	3.4	0.63	1.4	0.95	0.39J	1.2J	8.2	-
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	30	5.5	6.7	26	16	5.5	2.5J	5.5J	31	4.5	0.57	1.6	3.5	0.76	0.15	0.32	0.22	0.16	0.3	2.2	-
	Dibenzofuran	mg/kg	0.016	14	85	11	2.2J	1.1J	2.1J	0.24J	2.3J	5.3J	1.3J	0.41J	0.11J	0.41J	4.8	0.061J	0.017J	0.061J	0.02J	0.081J	0.074J	0.21J	-
	Diethylphthalate	mg/kg	0.042		<6.9U	<2.7U	<3.1U	<5U	<3.1U	<1.2U	<0.5U	<1U	<3U	<0.62U	<0.12U	<2U	<0.65U	<0.12U	<0.14U	<0.13U	<0.13U	<0.13U	<0.13U	<0.37U	-
	Dimethyl phthalate	mg/kg	0.014		<1.4U	<0.57U	<0.66U	<1U	<0.64U	<0.26U	<0.11U	<0.21U	<0.63U	<0.13U	<0.025U	<0.41U	<0.14U	<0.025U	<0.029U	<0.027U	<0.028U	<0.027U	<0.027U	<0.079U	-
	Di-n-butyl phthalate	mg/kg	0.045		<8.6U	<3.3U	<3.9U	<6.2U	<3.8U	<1.5U	<0.63U	<1.2U	<3.7U	<0.77U	<0.15U	<2.4U	<0.81U	<0.15U	<0.17U	<0.16U	<0.17U	<0.16U	<0.16U	<0.47U	-
	Di-n-octyl phthalate	mg/kg	0.038		<11U	<4.4U	<5.2U	<8.2U	<5.1U	<2U	<0.84U	<1.7U	<4.9U	<1U	<0.2U	<3.3U	<1.1U	<0.2U	<0.22U	<0.21U	<0.22U	<0.21U	<0.21U	<0.62U	-
	Fluoranthene	mg/kg	0.067	100	680	90	60	130	140	22	38J	97J	140	46	4.6	15	38	4.4	0.72	2.1	0.97	0.29J	1.3J	9.7	-
	Fluorene	mg/kg	0.0095	100	120	15	4.2	1.9J	2.4	0.37J	3.6J	8.8J	2.9	0.88	0.21	0.99J	7.2	0.19	0.038J	0.097	0.051J	0.052J	0.088J	0.63	-
	Hexachlorobenzene	mg/kg	0.0077	0.33	<1.4U	<0.55U	<0.64U	<1U	<0.62U	<0.25U	<0.1U	<0.2U	<0.61U	<0.13U	<0.024U	<0.4U	<0.13U	<0.025U	<0.028U	<0.026U	<0.027U	<0.026U	<0.026U	<0.077U	-
	Hexachlorobutadiene	mg/kg	0.0081		<1.1U	<0.45U	<0.52U	<0.83U	<0.51U	<0.2U	<0.084U	<0.17U	<0.5U	<0.1U	<0.02U	<0.33U	<0.11U	<0.02U	<0.023U	<0.021U	<0.022U	<0.021U	<0.021U	<0.062U	-
	Hexachlorocyclopentadiene	mg/kg	0.034		<2U	<0.78U	<0.92U	<1.4U	<0.89U	<0.36U	<0.15U	<0.29U	<0.87U	<0.18U	<0.034U	<0.57U	<0.19U	<0.035U	<0.039U	<0.037U	<0.039U	<0.037U	<0.037U	<0.11U	-
	Hexachloroethane	mg/kg	0.017		<1U	<0.39U	<0.46U	<0.73U	<0.45U	<0.18U	<0.074U	<0.15U	<0.44U	<0.091U	<0.017U	<0.29U	<0.095U	<0.018U	<0.02U	<0.019U	<0.019U	<0.019U	<0.019U	<0.055U	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	99	14	20	91	53	18	8.6J	21J	110	16	1.9	5	11	2.4	0.51	1.1	0.72	0.32J	0.92J	6.8	-
	Isophorone	mg/kg	0.017		<1U	<0.39U	<0.46U	<0.72U	<0.44U	<0.18U	<0.073U	<0.14U	<0.43U	<0.09U	<0.017U	<0.29U	<0.094U	<0.017U	<0.02U	<0.018U	<0.019U	<0.018U	<0.019U	<0.054U	-
	Naphthalene	mg/kg	0.0066	100	91	12	1.8	3.3	6.2	1.6	2.5J	6.3J	3.4	0.45	0.2	0.39J	5.4	0.16	0.056J	0.12	0.067J	0.31	0.29	0.46	-
	Nitrobenzene	mg/kg	0.03		<7.2U	<2.8U	<3.3U	<5.2U	<3.2U	<1.3U	<0.53U	<1U	<3.1U	<0.64U	<0.12U	<2U	<0.67U	<0.13U	<0.14U	<0.13U	<0.14U	<0.13U	<0.13U	<0.39U	-
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<1.3U	<0.52U	<0.61U	<0.96U	<0.59U	<0.24U	<0.097U	<0.19U	<0.57U	<0.12U	<0.023U	<0.38U	<0.12U	<0.023U	<0.026U	<0.025U	<0.026U	<0.025U	<0.025U	<0.072U	-
	n-Nitrosodiphenylamine	mg/kg	0.033		<6.5U	<2.5U	<3U	<4.7U	<2.9U	<1.2U	<0.48U	<0.94U	<2.8U	<0.59U	<0.11U	<1.9U	<0.61U	<0.11U	<0.13U	<0.12U	<0.13U	<0.12U	<0.12U	<0.36U	-
	Pentachlorophenol	mg/kg	0.032	2.4	<31U	<12U	<14U	<23U	<14U	<5.6U	<2.3U	<4.6U	<14U	<2.8U	<0.54U	<9U	<3U	<0.55U	<0.62U	<0.58U	<0.61U	<0.58U	<0.59U	<1.7U	-
	Phenanthrene	mg/kg	0.067	100	750	100	36	11	23	1.4	31J	70J	27	16	2.5	7.8	36	1.7	0.21	0.82	0.26	0.27J	0.48J	3.5	-
	Phenol	mg/kg	0.0085	100	<5.9U	<2.3U	<2.7U	<4.3U	<2.6U	<1.1U	<0.44U	<0.86U	<2.6U	<0.53U	<0.1U	<1.7U	<0.56U	<0.1U	<0.12U	<0.11U	<0.11U	<0.11U	<0.11U	<0.32U	-
	Pyrene	mg/kg	0.067	100	480	64	52	150	160	27	26J	72J	150	38	5.6	16	38	6.1	0.96	2.5	1.4	0.36J	1.8J	13	-
	PAHs (Sum of total)	mg/kg			3637	490	375	1176	958.5	225.7	197.2	501.7	1248	263.6	33.73	98.28	255.5	37.24	7.014	16.12	10.03	4.682	13.34	93.19	-

Notes:

EQL - Estimated Quantitation Limit

mg/kg - milligrams per kilogram

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - non-detect at the value shown

J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference

B - Compound was found in the blank and sample.

^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-S028-060320	STI-S029-060320	STI-S030-060320	STI-S031-060320	STI-S032-060320	STI-S033-060320	STI-S034-060520	STI-S035-060520 (DUP-5)	STI-S035-060520	STI-S036-060520	STI-S037-060520	STI-S038A-060520	STI-S038B-060520	STI-S039A-060520	STI-S039B-060520	STI-S040A-060520	STI-S040B-060520	STI-S041-060520	STI-S042-060520	STI-S043-060520	STI-S044-060520
				Boring ID	STI-S028	STI-S029	STI-S030	STI-S031	STI-S032	STI-S033	STI-S034	STI-S035	STI-S035	STI-S036	STI-S037	STI-S038	STI-S038	STI-S039	STI-S039	STI-S040	STI-S040	STI-S041	STI-S042	STI-S043	STI-S044
				Sample Depth (ft bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020
				Lab Report	180-106577-1	180-106577-1	180-106577-1	180-106577-1	180-106577-1	180-106577-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
SVOCs	Caprolactam	mg/kg	0.22		-	-	-	-	-	-	<2.7U	<0.46U	<1.2U	<0.24U	<1.3U	<0.99U	<0.23U	<2.3U	<0.24U	<0.23U	<0.25U	<0.25U	<0.25U	<1.8U	<0.24U
	Carbazole	mg/kg	0.0071		-	-	-	-	-	-	12	1J	5.3J	0.61	6	3.3	0.12	11	1.6	0.77	0.21	0.39	0.059J	1.5	0.028J
	Chrysene	mg/kg	0.041	1	-	-	-	-	-	-	34	4.9J	17J	2.3	17	11	0.51	29	5.4	2.9	0.85	2.1	0.35	11	0.21
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	-	-	-	-	-	-	5.6	0.91J	2.6J	0.34	2.9	1.9	0.078	4.6	0.94	0.53	0.13	0.4	0.067J	2.5	0.054J
	Dibenzofuran	mg/kg	0.016	14	-	-	-	-	-	-	12	0.83J	6.1J	0.63	5.3	2.3	0.19J	<0.15U	1.6	0.7	0.22J	0.4	0.15J	1.3J	0.15J
	Diethylphthalate	mg/kg	0.042		-	-	-	-	-	-	<1.4U	<0.25U	<0.64U	<0.13U	<0.69U	<0.53U	<0.12U	<1.2U	<0.13U	<0.12U	<0.14U	<0.14U	<0.13U	<0.96U	<0.13U
	Dimethyl phthalate	mg/kg	0.014		-	-	-	-	-	-	<0.3U	<0.053U	<0.14U	<0.028U	<0.14U	<0.11U	<0.026U	<0.26U	<0.028U	<0.026U	<0.029U	<0.029U	<0.028U	<0.2U	<0.027U
	Di-n-butyl phthalate	mg/kg	0.045		-	-	-	-	-	-	<1.8U	<0.31U	<0.8U	<0.16U	<0.86U	<0.66U	<0.15U	<1.5U	<0.16U	<0.15U	<0.17U	<0.17U	<0.17U	<1.2U	<0.16U
	Di-n-octyl phthalate	mg/kg	0.038		-	-	-	-	-	-	<2.4U	<0.41U	<1.1U	<0.22U	<1.1U	<0.88U	<0.2U	<2U	<0.22U	<0.2U	<0.22U	<0.23U	<0.22U	<1.6U	<0.22U
	Fluoranthene	mg/kg	0.067	100	-	-	-	-	-	-	83	10J	40J	5	41	24	1.1	71	13	6.3	1.8	3.7	0.5	17	0.21
	Fluorene	mg/kg	0.0095	100	-	-	-	-	-	-	16	1.2J	9J	0.73	7	3.4	0.15	17	2.1	0.92	0.28	0.4	0.053J	2	<0.015U
	Hexachlorobenzene	mg/kg	0.0077	0.33	-	-	-	-	-	-	<0.29U	<0.051U	<0.13U	<0.027U	<0.14U	<0.11U	<0.025U	<0.25U	<0.027U	<0.025U	<0.028U	<0.028U	<0.027U	<0.2U	<0.027U
	Hexachlorobutadiene	mg/kg	0.0081		-	-	-	-	-	-	<0.24U	<0.042U	<0.11U	<0.022U	<0.11U	<0.089U	<0.021U	<0.21U	<0.022U	<0.02U	<0.023U	<0.023U	<0.022U	<0.16U	<0.022U
	Hexachlorocyclopentadiene	mg/kg	0.034		-	-	-	-	-	-	<0.42U	<0.073U	<0.19U	<0.038U	<0.2U	<0.16U	<0.036U	<0.36U	<0.038U	<0.036U	<0.039U	<0.04U	<0.039U	<0.28U	<0.038U
	Hexachloroethane	mg/kg	0.017		-	-	-	-	-	-	<0.21U	<0.037U	<0.094U	<0.019U	<0.1U	<0.078U	<0.018U	<0.18U	<0.019U	<0.018U	<0.02U	<0.02U	<0.02U	<0.14U	<0.019U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	-	-	-	-	-	-	18	2.6J	7.7J	1.1	8.7	6.2	0.25	15	3	1.7	0.43	1.2	0.18	8.6	0.14
	Isophorone	mg/kg	0.017		-	-	-	-	-	-	<0.21U	<0.036U	<0.093U	<0.019U	<0.1U	<0.077U	<0.018U	<0.18U	<0.019U	<0.018U	<0.02U	<0.02U	<0.019U	<0.14U	<0.019U
	Naphthalene	mg/kg	0.0066	100	-	-	-	-	-	-	17	0.7J	6.6J	0.65	8.1	2.8	0.32	20	1.6	0.79	0.26	0.46	0.27	0.91	0.34
	Nitrobenzene	mg/kg	0.03		-	-	-	-	-	-	<1.5U	<0.26U	<0.67U	<0.14U	<0.71U	<0.56U	<0.13U	<1.3U	<0.14U	<0.13U	<0.14U	<0.14U	<0.14U	<1U	<0.14U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		-	-	-	-	-	-	<0.28U	<0.048U	<0.12U	<0.025U	<0.13U	<0.1U	<0.024U	<0.24U	<0.025U	<0.024U	<0.026U	<0.026U	<0.026U	<0.18U	<0.025U
	n-Nitrosodiphenylamine	mg/kg	0.033		-	-	-	-	-	-	<1.4U	<0.24U	<0.61U	<0.12U	<0.65U	<0.51U	<0.12U	<1.2U	<0.12U	<0.12U	<0.13U	<0.13U	<0.13U	<0.91U	<0.12U
	Pentachlorophenol	mg/kg	0.032	2.4	-	-	-	-	-	-	<6.6U	<1.1U	<2.9U	<0.6U	<3.1U	<2.4U	<0.56U	<5.6U	<0.6U	<0.56U	<0.62U	<0.62U	<0.61U	<4.4U	<0.6U
	Phenanthrene	mg/kg	0.067	100	-	-	-	-	-	-	88	8.2J	44J	4.8	42	22	1.2	83	12	6	1.7	2.9	0.59	11	0.31
	Phenol	mg/kg	0.0085	100	-	-	-	-	-	-	<1.2U	<0.22U	<0.55U	<0.11U	<0.59U	<0.46U	<0.11U	<1.1U	<0.11U	<0.11U	<0.12U	<0.12U	<0.12U	<0.83U	<0.11U
	Pyrene	mg/kg	0.067	100	-	-	-	-	-	-	60	7J	28J	3.4	26	17	0.81	48	8.6	4.3	1.3	2.7	0.39	14	0.21
	PAHs (Sum of total)	mg/kg			-	-	-	-	-	-	496.5	58.29	235.9	29.21	233.7	141.7	6.748	430.4	73.93	37.83	10.55	23.92	3.896	128.8	2.557

Notes:

EQL - Estimated Quantitation Limit

mg/kg - milligrams per kilogram

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U - non-detect at the value shown

J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

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^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

					Sample Name	STI-S045-060520 (DUP-6)	STI-S045-060520	STI-S046-060520	STI-S047-060520	STI-S048-060520	STI-S049-060520	STI-S050-060520	STI-S051-060520	STI-S052-060520	STI-S053-060520	STI-S054-060520	STI-S055-060520 (DUP-7)	STI-S055-060520	STI-S056-060520	STI-S057-060520	STI-S058-060520	STI-S060-060520	STI-S061-060520	STI-S062-060520	STI-S063-060520	STI-S064-060520
					Boring ID	STI-S045	STI-S045	STI-S046	STI-S047	STI-S048	STI-S049	STI-S050	STI-S051	STI-S052	STI-S053	STI-S054	STI-S055	STI-S055	STI-S056	STI-S057	STI-S058	STI-S060	STI-S061	STI-S062	STI-S063	STI-S064
					Sample Depth (ft bgs)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1
					Sample Date	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020
					Lab Report	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-1	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2
Chemical Class	**Chemical**	**Units**	**EQL**	Residential																					
SVOCs	Caprolactam	mg/kg	0.22		<1.2U	<0.23U	<0.27U	<0.26U	<0.23U	<0.24U	<2.5U	<2.3U	<9.7U	<0.23U	<0.23U	<2.5U	<1.2U	<0.24U	<0.26U	<0.24U	<0.47U	<0.29U	<0.23U	<1.2U	<0.23U
	Carbazole	mg/kg	0.0071		5.1J	0.11J	0.37	0.029J	0.037J	0.11	17	13	42	1.3	0.35	25 - 31J	14 - 19J	2.1 - 3.2	0.6	0.15	1.2	1.5	0.12	0.13J	0.17
	Chrysene	mg/kg	0.041	1	16J	0.53J	1.5	0.21	0.4	0.56	49	36	110	4	1.4	65 - 73	44 - 56	6.2 - 7.5	2.4	0.94	5.2	4	0.58	0.93	0.83
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	3J	0.1J	0.26	<0.052U	0.068J	0.093	9	7.1	22	0.83	0.26	11 - 13	9 - 9.3	1.2	0.5	0.19	1.2	0.84	0.11	<0.25U	0.39
	Dibenzofuran	mg/kg	0.016	14	4.2J	0.079J	0.34J	0.023J	0.042J	0.13J	17	14	43	1.1	0.34J	28 - 30J	13 - 17J	2.4 - 3.2	0.58	0.15J	1.2	1.7	0.15J	0.14J	0.27J
	Diethylphthalate	mg/kg	0.042		<0.67U	<0.12U	<0.15U	<0.14U	<0.13U	<0.13U	<1.3U	<1.3U	<5.3U	<0.13U	<0.13U	<1.3U	<0.67U	<0.13U	<0.14U	<0.13U	<0.25U	<0.15U	<0.13U	<0.67U	<0.13U
	Dimethyl phthalate	mg/kg	0.014		<0.14U	<0.026U	<0.031U	<0.03U	<0.027U	<0.027U	<0.28U	<0.27U	<1.1U	<0.027U	<0.027U	<0.28U	<0.14U	<0.028U	<0.03U	<0.027U	<0.053U	<0.033U	<0.026U	<0.14U	<0.027U
	Di-n-butyl phthalate	mg/kg	0.045		<0.83U	<0.15U	<0.18U	<0.18U	<0.16U	<0.16U	<1.7U	<1.6U	<6.6U	<0.16U	<0.16U	<1.7U	<0.83U	<0.16U	<0.18U	<0.16U	<0.31U	<0.19U	<0.16U	<0.84U	<0.16U
	Di-n-octyl phthalate	mg/kg	0.038		<1.1U	<0.2U	<0.24U	<0.24U	<0.21U	<0.21U	<2.2U	<2.1U	<8.7U	<0.21U	<0.21U	<2.2U	<1.1U	<0.22U	<0.23U	<0.21U	<0.42U	<0.26U	<0.21U	<1.1U	<0.21U
	Fluoranthene	mg/kg	0.067	100	36J	1.1J	3.2	0.33	0.71	1.3	130	100	310	10	3.1	180 - 190	110 - 140	17 - 21	5.9	1.8	13	12	1.1	1.7	1.2
	Fluorene	mg/kg	0.0095	100	6.1J	0.12J	0.49	0.023J	0.031J	0.19	24	19	60	1.7	0.46	38 - 40J	18 - 24J	3.2 - 4.1	0.84	0.16	1.7	2.3	0.18	0.15J	0.19
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.14U	<0.025U	<0.03U	<0.029U	<0.026U	<0.026U	<0.27U	<0.26U	<1.1U	<0.026U	<0.026U	<0.27U	<0.14U	<0.027U	<0.029U	<0.026U	<0.051U	<0.032U	<0.026U	<0.14U	<0.026U
	Hexachlorobutadiene	mg/kg	0.0081		<0.11U	<0.02U	<0.025U	<0.024U	<0.021U	<0.021U	<0.22U	<0.21U	<0.88U	<0.021U	<0.021U	<0.22U	<0.11U	<0.022U	<0.023U	<0.021U	<0.042U	<0.026U	<0.021U	<0.11U	<0.021U
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.19U	<0.036U	<0.043U	<0.042U	<0.037U	<0.037U	<0.39U	<0.37U	<1.5U	<0.037U	<0.037U	<0.39U	<0.19U	<0.038U	<0.041U	<0.037U	<0.073U	<0.045U	<0.037U	<0.2U	<0.037U
	Hexachloroethane	mg/kg	0.017		<0.098U	<0.018U	<0.022U	<0.021U	<0.018U	<0.019U	<0.2U	<0.18U	<0.77U	<0.019U	<0.019U	<0.2U	<0.098U	<0.019U	<0.021U	<0.019U	<0.037U	<0.023U	<0.018U	<0.099U	<0.019U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	8.5J	0.31J	0.8	0.12	0.25	0.26	27	21	59	2.3	0.79	34 - 38	29	3.7 - 3.8	1.6	0.59	3.5	2.5	0.33	0.61	0.89
	Isophorone	mg/kg	0.017		<0.097U	<0.018U	<0.021U	<0.021U	<0.018U	<0.018U	<0.19U	<0.18U	<0.76U	<0.018U	<0.018U	<0.19U	<0.097U	<0.019U	<0.02U	<0.018U	<0.036U	<0.022U	<0.018U	<0.098U	<0.018U
	Naphthalene	mg/kg	0.0066	100	4.3J	0.085J	0.27	0.036J	0.073	0.11	27	18	65	1.4	0.41	52 - 65J	19 - 30J	3.2 - 4.3	0.77	0.27	1.6	3.1	0.27	0.2J	0.49
	Nitrobenzene	mg/kg	0.03		<0.7U	<0.13U	<0.15U	<0.15U	<0.13U	<0.13U	<1.4U	<1.3U	<5.5U	<0.13U	<0.13U	<1.4U	<0.69U	<0.14U	<0.15U	<0.13U	<0.26U	<0.16U	<0.13U	<0.7U	<0.13U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.13U	<0.024U	<0.029U	<0.028U	<0.024U	<0.025U	<0.26U	<0.24U	<1U	<0.024U	<0.024U	<0.26U	<0.13U	<0.025U	<0.027U	<0.025U	<0.048U	<0.03U	<0.024U	<0.13U	<0.024U
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.63U	<0.12U	<0.14U	<0.14U	<0.12U	<0.12U	<1.3U	<1.2U	<5U	<0.12U	<0.12U	<1.3U	<0.63U	<0.12U	<0.13U	<0.12U	<0.24U	<0.15U	<0.12U	<0.64U	<0.12U
	Pentachlorophenol	mg/kg	0.032	2.4	<3.1U	<0.56U	<0.68U	<0.65U	<0.58U	<0.58U	<6.1U	<5.8U	<24U	<0.58U	<0.58U	<6.1U	<3.1U	<0.6U	<0.65U	<0.58U	<1.2U	<0.71U	<0.57U	<3.1U	<0.58U
	Phenanthrene	mg/kg	0.067	100	35J	0.78J	3	0.19	0.37	1.2	140	100	320	10	2.9	180 - 210	98 - 140	18 - 23	5.4	1.4	11	13	1.1	1.2	1.5
	Phenol	mg/kg	0.0085	100	<0.58U	<0.11U	<0.13U	<0.12U	<0.11U	<0.11U	<1.2U	<1.1U	<4.5U	<0.11U	<0.11U	<4.6 - 1.1J	<0.57U	<0.11U	<0.12U	<0.11U	<0.22U	<0.13U	<0.11U	<0.58U	<0.11U
	Pyrene	mg/kg	0.067	100	25J	0.81J	2.4	0.25	0.55	0.99	89	68	200	7.2	2.4	120 - 150	76 - 110	11 - 15	4	1.3	8.8	7.5	0.86	1.3	0.89
	PAHs (Sum of total)	mg/kg			214.2	6.442	19.02	2.082	4.182	7.43	753.7	563.7	1753	59.02	18.78	1041 - 1158	636.6 - 833.9	97.28 - 119.4	33.76	11.21	73.44	66.97	7.24	10.7	11.44

Notes:

EQL - Estimated Quantitation Limit

mg/kg - milligrams per kilogram

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - non-detect at the value shown

J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference

B - Compound was found in the blank and sample.

^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-S066-060520 (DUP-8)	STI-S065-060520	STI-S066-060520	STI-S067-060520	STI-S068-060520	STI-S069-060520	STI-S070-061720	STI-S071-061720	STI-S072-061720	STI-S073-061720	STI-S074-061720
				Boring ID	STI-S065	STI-S065	STI-S066	STI-S067	STI-S068	STI-S069	STI-S070	STI-S071	STI-S072	STI-S073	STI-S074
				Sample Depth (ft bgs)	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1	0.5-1	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020
				Lab Report	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-106732-2	180-107166-1	180-107166-1	180-107166-1	180-107166-1	180-107166-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential											
SVOCs	Caprolactam	mg/kg	0.22		<0.24U	<0.24U	<0.25U	<0.25U	<0.24U	<0.23U	<0.27U	<0.25U	<0.24U	<0.24U	<0.24U
	Carbazole	mg/kg	0.0071		0.58J	0.11J	1.1	0.064J	0.087	2.5 - 2.8	0.032J	0.038J	0.018J	<0.017U	<0.017U
	Chrysene	mg/kg	0.041	1	2.1	1.3	3.3	0.29	0.42	8 - 8.3	0.66	0.45	0.13	0.065J	0.093
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	0.46J	0.27J	0.42	0.06J	0.061J	1.5 - 1.7	0.12	0.071J	<0.047U	<0.047U	<0.047U
	Dibenzofuran	mg/kg	0.016	14	0.48J	0.086J	1.7	0.09J	0.093J	2.7 - 2.8	<0.018U	<0.017U	<0.016U	<0.016U	<0.016U
	Diethylphthalate	mg/kg	0.042		<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.13U	<0.15U	<0.13U	<0.13U	<0.13U	<0.13U
	Dimethyl phthalate	mg/kg	0.014		<0.027U	<0.027U	<0.028U	<0.028U	<0.027U	<0.027U	<0.031U	<0.028U	<0.027U	<0.027U	<0.027U
	Di-n-butyl phthalate	mg/kg	0.045		<0.16U	<0.16U	<0.17U	<0.17U	<0.16U	<0.16U	<0.18U	<0.17U	<0.16U	<0.16U	<0.16U
	Di-n-octyl phthalate	mg/kg	0.038		<0.21U	<0.21U	<0.22U	<0.22U	<0.21U	<0.21U	<0.24U	<0.22U	<0.21U	<0.21U	<0.22U
	Fluoranthene	mg/kg	0.067	100	4.8J	2.5J	8.7J	0.61	0.59	17 - 20	1	0.79	0.2	0.092	0.14
	Fluorene	mg/kg	0.0095	100	0.7J	0.14J	2	0.074J	0.09	3.7 - 3.8	<0.016U	0.04J	<0.014U	<0.014U	<0.015U
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.026U	<0.026U	<0.027U	<0.027U	<0.026U	<0.026U	<0.03U	<0.027U	<0.026UJ	<0.026UJ	<0.027U
	Hexachlorobutadiene	mg/kg	0.0081		<0.021U	<0.022U	<0.022U	<0.022U	<0.021U	<0.021U	<0.024U	<0.022U	<0.021U	<0.022U	<0.022U
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.038U	<0.038U	<0.039U	<0.039U	<0.037U	<0.037U	<0.042U	<0.039U	<0.037U	<0.038U	<0.038U
	Hexachloroethane	mg/kg	0.017		<0.019U	<0.019U	<0.02U	<0.02U	<0.019U	<0.019U	<0.021U	<0.02U	<0.019U	<0.019U	<0.019U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	1.4J	0.8J	1.4	0.17	0.17	4.4 - 5	0.41	0.29	0.061J	0.038J	0.068J
	Isophorone	mg/kg	0.017		<0.019U	<0.019U	<0.019U	<0.02U	<0.018U	<0.018U	<0.021U	<0.019U	<0.019U	<0.019U	<0.019U
	Naphthalene	mg/kg	0.0066	100	0.68J	0.14J	1.7	0.089	0.13	3.8 - 3.9	<0.016U	0.029J	<0.014U	<0.014U	<0.014U
	Nitrobenzene	mg/kg	0.03		<0.13U	<0.13U	<0.14U	<0.14U	<0.13U	<0.13U	<0.15U	<0.14U	<0.13U	<0.13U	<0.14U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.025U	<0.025U	<0.026U	<0.026U	<0.025U	<0.024U	<0.028U	<0.026U	<0.025U	<0.025U	<0.025U
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.12U	<0.12U	<0.13U	<0.13U	<0.12U	<0.12U	<0.14U	<0.13U	<0.12U	<0.12U	<0.12U
	Pentachlorophenol	mg/kg	0.032	2.4	<0.59U	<0.59U	<0.61U	<0.62U	<0.58U	<0.58U	<0.67U	<0.61U	<0.59U	<0.59U	<0.59U
	Phenanthrene	mg/kg	0.067	100	4.5J	1.2J	12J	0.73	0.7	17 - 22	0.4	0.43	0.11	0.038J	0.068J
	Phenol	mg/kg	0.0085	100	<0.11U	<0.11U	<0.11U	<0.12U	<0.11U	<0.11U	<0.13U	<0.12U	<0.11U	<0.11U	<0.11U
	Pyrene	mg/kg	0.067	100	3.4J	1.9J	7J	0.45	0.6	14 - 16	1	0.78	0.2	0.087	0.15
	PAHs (Sum of total)	mg/kg			28.98	14.67	53.93	3.814	4.311	113.8 - 122.8	6.946	5.1	1.302	0.652	1.009

Notes:

EQL - Estimated Quantitation Limit

mg/kg - milligrams per kilogram

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - non-detect at the value shown

J+ - The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- - The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference

B - Compound was found in the blank and sample.

^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

Analyte concentrations detected above Residential screening criteria are presented in light gray

				Sample Name	STI-B33-SS	STI-B33-SUB-0.17-2	STI-B034-061720	STI-B46-SS	STI-B46-SUB-0.17-2	STI-FD-6	STI-B47-SS	STI-B47-SUB-0.17-2	STI-B48-SS	STI-B48-SUB-0.17-2	STI-S070-061720	STI-S071-061720	STI-S072-061720	STI-S073-061720
				Boring ID	STI-B33	STI-B33	STI-B034	STI-B46	STI-B46	STI-B46	STI-B47	STI-B47	STI-B48	STI-B48	STI-S070	STI-S071	STI-S072	STI-S073
				Sample Depth (ft bgs)	0-0.17	0.17-2	0-0.5	0-0.17	0.17-2	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	10/21/2015	10/21/2015	6/17/2020	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016	6/17/2020	6/17/2020	6/17/2020	6/17/2020
				Lab Report	180-48975-1	180-48975-1	180-107166-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-107166-1	180-107166-1	180-107166-1	180-107166-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential														
PCBs	Aroclor 1016	mg/kg	0.0058		<0.01U	<0.0088U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1221	mg/kg	0.0063		<0.016U	<0.014U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.0043		<0.0056U	<0.0048U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.0026		<0.0082U	<0.0071U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.0043		<0.0052U	<0.0045U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.0053		<0.0082U	<0.0071U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.0051		<0.0076U	<0.0066U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1262	mg/kg	0.0055		<0.0069U	<0.0059U	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1268	mg/kg	0.0024		<0.0041U	<0.0036U	-	-	-	-	-	-	-	-	-	-	-	-
	Total PCBs	mg/kg		1	<0	<0	-	-	-	-	-	-	-	-	-	-	-	-
Metals	Aluminum	mg/kg	12		12,000	13,000	8800	9000	9700	9900	11,000	12,000	9900	11,000	11,000	9100	6400	7900
	Antimony	mg/kg	0.24		1J	0.69J	3.1	0.7J	<0.33U	<0.39U	<0.36U	<0.35U	0.73J	<0.35UJ	<0.41UJ	1.7	2.3J	<0.35U
	Arsenic	mg/kg	0.6	16	7.6	6.6	15	9.5	8.9	8.3	6.6	5.6	7.7	7	9.4	13	14	7.7
	Barium	mg/kg	12	350	170	140	1300	84	65	68	130	140	190	170	200J-	380	2800	74
	Beryllium	mg/kg	0.24	14	0.55	0.56	0.4J	0.44J	0.43	0.45	0.47	0.51	0.47	0.52	0.41J	0.38J	0.31J	0.36J
	Cadmium	mg/kg	0.3	2.5	0.26J	0.047J	2.7	0.39J	0.21J	0.24J	0.23J	0.14J	0.54	0.3J	1	1.4	3.1	0.33J
	Calcium	mg/kg	300		3400	530J	9700	2700	1300	1300	2200	710	2800	1300	6200J+	6900	5800	1600
	Chromium (hexavalent)	mg/kg	0.24	22	-	-	<1.3U	0.17J	0.2J	0.21J	0.6	0.26J	0.35J	0.37J	<1.4U	<1.2U	<1.2U	<0.24U
	Chromium (III+VI)	mg/kg	0.3	22	14B	14B	28	12	13	14	12	12	13	13	15	20	28	9.8
	Cobalt	mg/kg	3		8.4	9.2	11	7.8	8.3	8.2	7.1	7.6	7.1	7.4	6J	6.9	5J	6.7
	Copper	mg/kg	1.5	270	16	11	130	25	21	22	14	26	28	22	45	47	77	18
	Iron	mg/kg	6		20,000	21,000	19,000	20,000	21,000	21,000	17,000	18,000	17,000	19,000	15,000	16,000	13,000	17,000
	Lead	mg/kg	0.6	400	34	16	4100	330	110	120	94	38	320	130J+	330	880	6300	140
	Magnesium	mg/kg	300		2700	2600	2200	2500	2700	2700	2300	2300	2300	2400	2000	2300	1400	2200
	Manganese	mg/kg	0.9	2000	1000	860	720	430	370	400	630	640	650	650	580	510	380	390
	Mercury	mg/kg	0.027	0.81	0.075	0.036J	0.28	0.069	0.039	0.027J	0.069	0.034	0.48	0.29J-	0.18J+	0.15	0.085	0.042
	Nickel	mg/kg	2.4	140	18	18	20	20	21	21	15	16	16	16	15	16	14	16
	Potassium	mg/kg	300		1100	770	890	800	640	690	810	580	1000	670	1000	920	780	600
	Selenium	mg/kg	0.33	36	0.63J	<0.34U	1.4	0.56J	<0.37U,^	<0.44U,^	0.69J	0.63J	0.81J	0.86J	0.68J	1J	<0.57U	<0.52U
	Silver	mg/kg	0.063	36	<0.093U	<0.072U	1.2	<0.19U	<0.15U	<0.18U	<0.17U	<0.16U	0.23J	<0.17U	<0.13UJ	<0.12U	0.44J	<0.11U
	Sodium	mg/kg	36		33J	24J	150J	<160U	<130U	<150U	<140U	<140U	<140U	<140U	130J	77J	200J	<61U
	Thallium	mg/kg	0.19		<0.38U	<0.29U	<0.41U	<0.57U	<0.46U	<0.55U	<0.51U	<0.49U	<0.52U	<0.5U	<0.39U	<0.37U	<0.36U	<0.33U
	Vanadium	mg/kg	3		18	19	26	17	16	17	15	16	15	17	14	14	15	13
	Zinc	mg/kg	1.2	2200	120	58	1600	160	120	130	82	65	220	120J+	200	500	2200	180
SVOCs	1,1-Biphenyl	mg/kg	0.015		<0.039U	<0.034U	<0.018U	-	-	-	-	-	-	-	<0.017U	<0.016U	<0.015U	<0.015U
	1,2,4,5-tetrachlorobenzene	mg/kg	0.014		<0.033U	<0.029U	<0.018U	-	-	-	-	-	-	-	<0.018U	<0.016U	<0.016U	<0.016U
	1,4-Dioxane	mg/kg	0.041	9.8	<0.05U	<0.044U	<0.13U	-	-	-	-	-	-	-	<0.13U	<0.12U	<0.11U	<0.11U
	2,3,4,6-tetrachlorophenol	mg/kg	0.023		<0.028U	<0.025U	<0.18U	-	-	-	-	-	-	-	<0.17U	<0.16U	<0.15U	<0.15U
	2,4,5-trichlorophenol	mg/kg	0.024		<0.047U	<0.041U	<0.03U	-	-	-	-	-	-	-	<0.03U	<0.027U	<0.026U	<0.026U
	2,4,6-trichlorophenol	mg/kg	0.018		<0.066U	<0.057U	<0.023U	-	-	-	-	-	-	-	<0.023U	<0.021U	<0.02U	<0.02U
	2,4-dichlorophenol	mg/kg	0.0073		<0.0088U	<0.0077U	<0.033U	-	-	-	-	-	-	-	<0.032U	<0.029U	<0.028U	<0.028U
	2,4-dimethylphenol	mg/kg	0.021		<0.069U	<0.06U	<0.026U	-	-	-	-	-	-	-	<0.026U	<0.024U	<0.023U	<0.023U
	2,4-dinitrophenol	mg/kg	0.43		<0.52U	<0.46U	<2.4U	-	-	-	-	-	-	-	<2.3U	<2.1U	<2U	<2U
	2,4-Dinitrotoluene	mg/kg	0.019		<0.036U	<0.031U	<0.064U	-	-	-	-	-	-	-	<0.063U	<0.058U	<0.055U	<0.055U
	2,6-dinitrotoluene	mg/kg	0.021		<0.045U	<0.04U	<0.026U	-	-	-	-	-	-	-	<0.026U	<0.024U	<0.023U	<0.023U
	2-chloronaphthalene	mg/kg	0.0075		<0.0092U	<0.008U	<0.02U	-	-	-	-	-	-	-	<0.019U	<0.017U	<0.017U	<0.017U
	2-chlorophenol	mg/kg	0.016		<0.036U	<0.031U	<0.02U	-	-	-	-	-	-	-	<0.019U	<0.018U	<0.017U	<0.017U
	2-methylnaphthalene	mg/kg	0.0069		<0.0079U	<0.0069U	<0.02U	-	-	-	-	-	-	-	0.022J	0.032J	<0.018U	<0.018U
	2-methylphenol	mg/kg	0.025	100	<0.031U	<0.027U	<0.12U	-	-	-	-	-	-	-	<0.12U	<0.11U	<0.1U	<0.11U
	2-nitroaniline	mg/kg	0.15		<0.2U	<0.17U	<0.19U	-	-	-	-	-	-	-	<0.19U	<0.17U	<0.17U	<0.17U
	2-nitrophenol	mg/kg	0.04		<0.049U	<0.042U	<0.068U	-	-	-	-	-	-	-	<0.066U	<0.061U	<0.058U	<0.059U
	3,3-Dichlorobenzidine	mg/kg	0.038		<0.047U	<0.04U	<0.4U	-	-	-	-	-	-	-	<0.39U	<0.36U	<0.34U	<0.34U
	3-nitroaniline	mg/kg	0.085		<0.18U	<0.16U	<0.11U	-	-	-	-	-	-	-	<0.11U	<0.097U	<0.093U	<0.094U
	4,6-Dinitro-2-methylphenol	mg/kg	0.15		<0.18U	<0.15U	<0.74U	-	-	-	-	-	-	-	<0.71U	<0.66U	<0.63U	<0.63U
	4-bromophenyl phenyl ether	mg/kg	0.023		<0.038U	<0.033U	<0.03U	-	-	-	-	-	-	-	<0.029U	<0.027U	<0.026U	<0.026U
	4-chloro-3-methylphenol	mg/kg	0.016		<0.041U	<0.035U	<0.02U	-	-	-	-	-	-	-	<0.02U	<0.018U	<0.017U	<0.017U
	4-chloroaniline	mg/kg	0.013		<0.035U	<0.031U	<0.029U	-	-	-	-	-	-	-	<0.028U	<0.026U	<0.025U	<0.025U
	4-chlorophenyl phenyl ether	mg/kg	0.02		<0.049U	<0.043U	<0.026U	-	-	-	-	-	-	-	<0.025U	<0.023U	<0.022U	<0.022U
	4-methylphenol	mg/kg	0.035	34	<0.043U	<0.037U	<0.13U	-	-	-	-	-	-	-	<0.12U	<0.11U	<0.11U	<0.11U
	4-nitroaniline	mg/kg	0.016		<0.18U	<0.16U	<0.021U	-	-	-	-	-	-	-	<0.02U	<0.019U	<0.018U	<0.018U
	4-nitrophenol	mg/kg	0.13		<0.16U	<0.14U	<0.3U	-	-	-	-	-	-	-	<0.29U	<0.27U	<0.26U	<0.26U
	Acenaphthene	mg/kg	0.0073	100	<0.0085U	<0.0074U	<0.025U	-	-	-	-	-	-	-	<0.024U	<0.022U	<0.021U	<0.021U
	Acenaphthylene	mg/kg	0.0088	100	0.028J	<0.0088U	0.068J	-	-	-	-	-	-	-	0.15	0.12	0.045J	0.016J
	Acetophenone	mg/kg	0.018		<0.036U	<0.031U	<0.023U	-	-	-	-	-	-	-	<0.023U	<0.021U	<0.02U	<0.02U
	Anthracene	mg/kg	0.0075	100	0.032J	<0.0075U	0.056J	-	-	-	-	-	-	-	0.17	0.13	0.035J	<0.019U
	Atrazine	mg/kg	0.035		<0.043U	<0.037U	<0.19U	-	-	-	-	-	-	-	<0.18U	<0.17U	<0.16U	<0.16U
	Benz(a)anthracene	mg/kg	0.033	1	0.14	0.025J	0.18	-	-	-	-	-	-	-	0.62	0.42	0.098	0.049J
	Benzaldehyde	mg/kg	0.042		<0.066U	<0.057U	<0.053U	-	-	-	-	-	-	-	<0.051U	<0.047U	<0.045U	<0.046U
	Benzo(a) pyrene	mg/kg	0.0077	1	0.17	<0.0077U	0.19	-	-	-	-	-	-	-	0.7	0.45	0.099	0.057J
	Benzo(b)fluoranthene	mg/kg	0.012	1	0.21	<0.012U	0.3	-	-	-	-	-	-	-	0.88	0.56	0.15	0.085
	Benzo(g,h,i)perylene	mg/kg	0.0076	100	0.17	<0.0076U	0.2	-	-	-	-	-	-	-	0.51	0.34	0.087	0.051J
	Benzo(k)fluoranthene	mg/kg	0.015	1	0.12	<0.015U	0.089	-	-	-	-	-	-	-	0.31	0.2	0.049J	0.027J
	Bis(2-chloroethoxy) methane	mg/kg	0.016		<0.029U	<0.025U	<0.02U	-	-	-	-	-	-	-	<0.02U	<0.018U	<0.017U	<0.018U
	Bis(2-chloroethyl)ether	mg/kg	0.0097		<0.012U	<0.01U	<0.015UJ	-	-	-	-	-	-	-	<0.015UJ	<0.014UJ	<0.013U	<0.013U
	Bis(2-chloroisopropyl) ether	mg/kg	0.0078		<0.0095U	<0.0083U	<0.032U	-	-	-	-	-	-	-	<0.031U	<0.028U	<0.027U	<0.027U
	Bis(2-ethylhexyl) phthalate	mg/kg	0.058		0.27J	<0.062U	<0.45U	-	-	-	-	-	-	-	<0.44U	<0.41U	<0.39U	<0.39U
	Butyl benzyl phthalate	mg/kg	0.049		<0.06U	<0.052U	<0.29U	-	-	-	-	-	-	-	<0.28U	<0.26U	<0.25U	<0.25U

				Sample Name	STI-B33-SS	STI-B33-SUB-0.17-2	STI-B034-061720	STI-B46-SS	STI-B46-SUB-0.17-2	STI-FD-6	STI-B47-SS	STI-B47-SUB-0.17-2	STI-B48-SS	STI-B48-SUB-0.17-2	STI-S070-061720	STI-S071-061720	STI-S072-061720	STI-S073-061720
				Boring ID	STI-B33	STI-B33	STI-B034	STI-B46	STI-B46	STI-B46	STI-B47	STI-B47	STI-B48	STI-B48	STI-S070	STI-S071	STI-S072	STI-S073
				Sample Depth (ft bgs)	0-0.17	0.17-2	0-0.5	0-0.17	0.17-2	0.17-2	0-0.17	0.17-2	0-0.17	0.17-2	0-0.5	0-0.5	0-0.5	0-0.5
				Sample Date	10/21/2015	10/21/2015	6/17/2020	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016	9/9/2016	6/17/2020	6/17/2020	6/17/2020	6/17/2020
				Lab Report	180-48975-1	180-48975-1	180-107166-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-58503-1	180-107166-1	180-107166-1	180-107166-1	180-107166-1
Chemical Class	**Chemical**	**Units**	**EQL**	Residential														
SVOCs	Caprolactam	mg/kg	0.22		<0.33U	<0.29U	<0.28U	-	-	-	-	-	-	-	<0.27U	<0.25U	<0.24U	<0.24U
	Carbazole	mg/kg	0.0071		0.028J	<0.0071U	<0.02U	-	-	-	-	-	-	-	0.032J	0.038J	0.018J	<0.017U
	Chrysene	mg/kg	0.041	1	0.21	0.028J	0.22	-	-	-	-	-	-	-	0.66	0.45	0.13	0.065J
	Dibenz(a,h)anthracene	mg/kg	0.0085	0.33	<0.0098U	<0.0085U	0.056J	-	-	-	-	-	-	-	0.12	0.071J	<0.047U	<0.047U
	Dibenzofuran	mg/kg	0.016	14	<0.043U	<0.038U	<0.019U	-	-	-	-	-	-	-	<0.018U	<0.017U	<0.016U	<0.016U
	Diethylphthalate	mg/kg	0.042		<0.048U	<0.042U	<0.15U	-	-	-	-	-	-	-	<0.15U	<0.13U	<0.13U	<0.13U
	Dimethyl phthalate	mg/kg	0.014		<0.048U	<0.042U	<0.032U	-	-	-	-	-	-	-	<0.031U	<0.028U	<0.027U	<0.027U
	Di-n-butyl phthalate	mg/kg	0.045		<0.055U	<0.048U	<0.19U	-	-	-	-	-	-	-	<0.18U	<0.17U	<0.16U	<0.16U
	Di-n-octyl phthalate	mg/kg	0.038		<0.046U	<0.04U	<0.25U	-	-	-	-	-	-	-	<0.24U	<0.22U	<0.21U	<0.21U
	Fluoranthene	mg/kg	0.067	100	0.41	0.044J	0.29	-	-	-	-	-	-	-	1	0.79	0.2	0.092
	Fluorene	mg/kg	0.0095	100	<0.012U	<0.01U	<0.017U	-	-	-	-	-	-	-	<0.016U	0.04J	<0.014U	<0.014U
	Hexachlorobenzene	mg/kg	0.0077	0.33	<0.0094U	<0.0082U	<0.031U	-	-	-	-	-	-	-	<0.03U	<0.027U	<0.026UJ	<0.026UJ
	Hexachlorobutadiene	mg/kg	0.0081		<0.0099U	<0.0086U	<0.025U	-	-	-	-	-	-	-	<0.024U	<0.022U	<0.021U	<0.022U
	Hexachlorocyclopentadiene	mg/kg	0.034		<0.047U	<0.041U	<0.044U	-	-	-	-	-	-	-	<0.042U	<0.039U	<0.037U	<0.038U
	Hexachloroethane	mg/kg	0.017		<0.032U	<0.028U	<0.022U	-	-	-	-	-	-	-	<0.021U	<0.02U	<0.019U	<0.019U
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.0079	0.5	0.13	<0.0079U	0.18	-	-	-	-	-	-	-	0.41	0.29	0.061J	0.038J
	Isophorone	mg/kg	0.017		<0.033U	<0.029U	<0.022U	-	-	-	-	-	-	-	<0.021U	<0.019U	<0.019U	<0.019U
	Naphthalene	mg/kg	0.0066	100	<0.0076U	<0.0066U	<0.017U	-	-	-	-	-	-	-	<0.016U	0.029J	<0.014U	<0.014U
	Nitrobenzene	mg/kg	0.03		<0.037U	<0.032U	<0.16U	-	-	-	-	-	-	-	<0.15U	<0.14U	<0.13U	<0.13U
	N-nitrosodi-n-propylamine	mg/kg	0.0085		<0.01U	<0.009U	<0.029U	-	-	-	-	-	-	-	<0.028U	<0.026U	<0.025U	<0.025U
	n-Nitrosodiphenylamine	mg/kg	0.033		<0.041U	<0.035U	<0.14U	-	-	-	-	-	-	-	<0.14U	<0.13U	<0.12U	<0.12U
	Pentachlorophenol	mg/kg	0.032	2.4	<0.039U	<0.034U	<0.69U	-	-	-	-	-	-	-	<0.67U	<0.61U	<0.59U	<0.59U
	Phenanthrene	mg/kg	0.067	100	0.22	0.025J	0.13	-	-	-	-	-	-	-	0.4	0.43	0.11	0.038J
	Phenol	mg/kg	0.0085	100	<0.01U	<0.009U	<0.13U	-	-	-	-	-	-	-	<0.13U	<0.12U	<0.11U	<0.11U
	Pyrene	mg/kg	0.067	100	0.28	0.034J	0.26	-	-	-	-	-	-	-	1	0.78	0.2	0.087
	PAHs (Sum of total)	mg/kg			2.12	0.156	2.236	-	-	-	-	-	-	-	6.946	5.1	1.302	0.652

Notes:
EQL - Estimated Quantitation Limit
mg/kg - milligrams per kilogram
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - non-detect at the value shown
Analyte concentrations detected above Residential screening criteria are presented in light gray

Sample ID	Sample Area	PCBs			SVOCs			Metals			Rationale
Sample Depth		0-0.17 ft bgs	0.17-1 ft bgs	1-2 ft bgs	0-0.17 ft bgs	0.17-1 ft bgs	1-2 ft bgs	0-0.17 ft bgs	0.17-1 ft bgs	1-2 ft bgs	
STI-B201	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B202	Excavation 1-1 and 2-1				H	H	H	H	H	H	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B203	Excavation 1-1 and 2-1				H	H	H	H	H	H	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B204	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B205	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B206	MSA				X	X	X				Delineation of SVOCs in the MSA
STI-B207	MSA				X	X	X				Delineation of SVOCs in the MSA
STI-B208	MSA							X	X	X	Vertical delineation of Metals in the MSA
STI-B209	MSA					X	X		X	X	Vertical delineation of Metals and SVOCs in the MSA
STI-B210	MSA		X	X		X	X				Delineation of PCBs and SVOCs in the MSA
STI-B211	S. of Building 88				X	X	X				Lateral delineation of SVOCs in unfenced are S. of Building 88
STI-B212	S. of Building 88				X	X	X	X			Lateral delineation of SVOCs in unfenced are S. of Building 88
STI-B213	S. of Building 88								X	X	Delineation of Metals in the unfenced area S. of Building 88
STI-B214	S. of Building 88								X	X	Delineation of Metals in the unfenced area S. of Building 88
STI-B215	S. of Building 88								X	X	Delineation of Metals in the unfenced area S. of Building 88
STI-B216	S. of Building 88								X	X	Delineation of Metals in the unfenced area S. of Building 88
STI-B217	S. of Building 88				X	X	X	X			Lateral delineation of SVOCs in unfenced are S. of Building 88
STI-B218	S. of Building 88				X	X	X	X			Lateral delineation of SVOCs in unfenced are S. of Building 88
STI-B219	S. of Building 88				X	X	X	X			Lateral delineation of SVOCs in unfenced are S. of Building 88
STI-B220	S. of Building 88								X	X	Delineation of Metals in the unfenced area S. of Building 88
STI-B221	Excavation 1-2 and 2-2				X	X	X				Lateral delineation of SVOCs in Excavation 1-2 and 2-2
STI-B222	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B223	Excavation 1-2 and 2-2				X	X	X				Lateral delineation of SVOCs in Excavation 1-2 and 2-2
STI-B224	Excavation 1-3 and 2-3				X	X	X				Lateral delineation of SVOCs in Excavation 1-3 and 2-3
STI-B225	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B226	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B227	Excavation 1-2 and 2-2				X	X	X				Lateral delineation of SVOCs in Excavation 1-2 and 2-2
STI-B228	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B229	Excavation 1-3 and 2-3				H	H	H	H	H	H	Lateral delineation of Metals and SVOCs in Excavation 1-3 and 2-3
STI-B230	Excavation 1-1 and 2-1				H	H	H	H	H	H	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B231	Excavation 1-3 and 2-3				X	X	X				Lateral delineation of SVOCs in Excavation 1-3 and 2-3
STI-B232	Excavation 1-3 and 2-3				H	H	H				Lateral delineation of SVOCs in Excavation 1-3 and 2-3
STI-B233	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B234	Excavation 1-1 and 2-1				X	X	X	X	X	X	Lateral delineation of Metals and SVOCs in Excavation 1-1 and 2-1
STI-B235	Excavation 1-2 and 2-2				X	X	X				Lateral delineation of SVOCs in Excavation 1-2 and 2-2
STI-B236	Excavation 1-3 and 2-3				X	X	X				Lateral delineation of SVOCs in Excavation 1-3 and 2-3
STI-B237	MSA		X	X		X	X		X	X	Vertical delineation of PCBs, Metals and SVOCs in the MSA
STI-B238	MSA					X	X				Vertical delineation of SVOCs in the MSA
STI-B239	MSA		X	X		X	X		X	X	Vertical delineation of PCBs, Metals and SVOCs in the MSA
STI-B240	MSA		X	X		X	X		X	X	Vertical delineation of PCBs, Metals and SVOCs in the MSA
STI-B241	MSA					X	X		X	X	Vertical delineation of Metals and SVOCs in the MSA
STI-B242	MSA					X	X		X	X	Vertical delineation of Metals and SVOCs in the MSA
STI-B243	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B244	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B245	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B246	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B247	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B248	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B249	MSA					X	X				Lateral delineation of SVOCs in the MSA
STI-B250	MSA					X	X		X	X	Vertical delineation of Metals and SVOCs in the MSA
STI-B251	Outside of FRA	X	X	X	X	X	X	X	X	X	Lateral delineation of Metals in the FRA, PCB/PAH added to 25% FRA locations
STI-B252	Outside of FRA							X	X	X	Lateral delineation of Metals in the FRA
STI-B253	FRA (on-Site)	X	X	X	X	X	X	X	X	X	Lateral delineation of Metals in the FRA, PCB/PAH added to 25% FRA locations
STI-B254	FRA (on-Site)							X	X	X	Lateral delineation of Metals in the FRA
STI-B255	FRA (on-Site)							X	X	X	Lateral delineation of Metals in the FRA
STI-B256	Excavation 1-7	X	X	X	X	X	X	X	X	X	Vertical delineation of Metals in the FRA, PCB/PAH added to 25% FRA locations
STI-B257	Excavation 1-7								X	X	Vertical delineation of Metals in the FRA
STI-B258	Excavation 1-7								X	X	Vertical delineation of Metals in the FRA
STI-B259	Excavation 1-7							X	X	X	Vertical delineation of Metals in the FRA
STI-B260	Excavation 1-7							X	X	X	Vertical delineation of Metals in the FRA
STI-B261	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B262	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B263	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B264	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B265	MSA		X	X		X	X		X	X	Vertical delineation of PCBs, Metals and SVOCs in the MSA
STI-B266	MSA					X	X				Vertical delineation of SVOCs in the MSA
STI-B267	MSA					X	X				Vertical delineation of SVOCs in the MSA
STI-B268	MSA					X	X		X	X	Vertical delineation of Metals and SVOCs in the MSA
STI-B269	Excavation 1-7							X	X	X	Vertical delineation of Metals in the FRA
STI-B270	Excavation 1-7							X	X	X	Lateral delineation of Metals in the FRA
STI-B271	Excavation 1-7							X	X	X	Lateral delineation of Metals in the FRA
STI-B272	Excavation 1-7	X	X	X	X	X	X	X	X	X	Lateral delineation of Metals in the FRA, PCB/PAH added to 25% FRA locations
STI-B273	Outside of FRA							X	X	X	Lateral delineation of Metals in the FRA
STI-B274	FRA (on-Site)							X	X	X	Lateral delineation of Metals in the FRA
STI-B275	FRA (on-Site)	X	X	X	X	X	X	X	X	X	Lateral delineation of Metals in the FRA, PCB/PAH added to 25% FRA locations
STI-B276	Outside of FRA	X	X	X	X	X	X	X	X	X	Lateral delineation of Metals in the FRA, PCB/PAH added to 25% FRA locations
STI-B277	FRA (on-Site)							X	X	X	Lateral delineation of Metals in the FRA
STI-B278	FRA (on-Site)							X	X	X	Lateral delineation of Metals in the FRA
STI-B279	FRA (on-Site)							X	X	X	Lateral delineation of Metals in the FRA
STI-B280	Excavation 1-7							X	X	X	Lateral delineation of Metals in the FRA
STI-B281	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-B282	MSA				X	X	X				Lateral delineation of SVOCs in the MSA
STI-A	Excavation 1-2 and 2-2							X	X	X	Lateral delineation of Metals in Excavation 1-2 and 2-2
STI-B	Excavation 1-2 and 2-2				X	X	X	X	X	X	Lateral delineation of Metals and SVOC in Excavation 1-2 and 2-2
STI-C	Excavation 1-2 and 2-2				X	X	X	X	X	X	Lateral delineation of Metals and SVOC in Excavation 1-2 and 2-2
STI-D	Excavation 1-2 and 2-2				X	X	X	X	X	X	Lateral delineation of Metals and SVOC in Excavation 1-2 and 2-2
STI-E	Excavation 1-2 and 2-2				X	X	H				Lateral delineation of SVOCs in Excavation 1-2 and 2-2
STI-F	Excavation 1-2 and 2-2				X	X	H				Lateral delineation of SVOCs in Excavation 1-2 and 2-2
STI-G	Excavation 1-2 and 2-2						X				Vertical delineation of SVOCs below 1ft in Excavation 1-2 and 2-2
STI-H	Excavation 1-3 and 2-3				X	X	H				Lateral delineation of SVOCs in Excavation 1-3 and 2-3
STI-I	Excavation 1-4				X	X	H				Lateral delineation of SVOCs in Excavation 1-4
STI-J	Excavation 1-4				X	X	H				Lateral delineation of SVOCs in Excavation 1-4
STI-K	Excavation 1-4					X	X				Vertical delineation of SVOCs below 0.5ft Excavation 1-4
STI-L	Excavation 1-4					X	X				Vertical delineation of SVOCs below 0.5ft Excavation 1-4
STI-M	Excavation 1-7								X	X	Vertical delineation of Metals at location STI-B123
STI-B014A	Excavation 1-2 and 2-2					X	X		X	X	Vertical delineation of Metals and SVOCs in Excavation 1-2 and 2-2
STI-B016A	Excavation 1-2 and 2-2					X	X		X	X	Vertical delineation of Metals and SVOCs in Excavation 1-2 and 2-2
STI-B019A	Excavation 1-2 and 2-2					X	X		X	X	Vertical delineation of Metals and SVOCs in Excavation 1-2 and 2-2
STI-B028A	Excavation 1-2 and 2-2					X	X		X	X	Vertical delineation of Metals and SVOCs in Excavation 1-2 and 2-2

Notes:

X - Sample and Analyze

H - Sample and Hold

ft bgs - feet below ground surface

PCB - Polychlorinated Biphenyls

SVOC - Semivolatile Organic Compound (includes PAHs)

PAHs - polycyclic aromatic hydrocarbons

TABLE 4 - PROJECT SCHEDULE
Former Scott Technologies Site #808049
Elmira, New York

Task Name	Start	Finish	Notes
Site Characterization Work Plan	*12/05/14*	*04/30/15*	
SC Work Plan Field Activities	09/14/15	10/22/15	
SC Work Plan Data Analysis and Validation	10/22/15	01/19/16	
SC Work Plan Addendum #1	*05/25/16*	*12/20/16*	
SC Work Plan Addendum #2	*01/04/17*	*01/09/20*	
SC Work Plan Addendum #3	*11/20/18*	*12/21/19*	
Shallow Soil IRM Work Plan	*02/01/20*	*05/07/20*	
Shallow Soil IRM	*05/08/20*	*06/30/20*	
Shallow Soil IRM Construction Completion Report	*09/01/20*	*12/02/20*	
SC Work Plan Addendum #4	*11/20/18*	*01/01/20*	
STCC Review	12/18/20	12/28/20	
Submittal to NYSDEC	12/30/20	12/30/20	
NYSDEC Comments Received	03/02/21	03/02/21	
Revised Work Plan submittal to STCC; STCC review	04/13/21	04/27/21	10 days STCC review
Revised Work Plan Submittal to NYSDEC	04/29/21	04/29/21	
NYSDEC Review of Revised Work Plan	04/29/21	05/27/21	4 weeks review
NYSDEC Approval and NTP	05/27/21	05/27/21	
Placement of Work Plan in Repository	06/03/21	06/03/21	
Field Program	Jun-21		