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28 April 2021

Mr. Timothy Schneider, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414

Subject: **Soil and Groundwater Investigation Work Plan Addendum, Northern Athletic Fields**
Former Sperry Remington Site – North Portion (#c808022)
777 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 and Geologists of New York, P.C. (collectively, Geosyntec) are submitting this Addendum to the Soil and Groundwater Investigation Work Plan approved by NYSDEC 26 March 2021 to perform additional soil and groundwater investigation at the Former Sperry Remington Site – North Portion (NYSDEC #c808022 or the Site) in Elmira, New York. Specifically, this work is at the Northern Athletic Fields (NAF).

Unisys has been completing interim remedial measures (IRM) associated with IRMs #4A and 5 within the Football Field Complex (FFC) at the Site. During IRM #4A excavation activities in the Slide Rail Area, located in the southern portion of the FFC, detections of polychlorinated biphenyls (PCBs) above IRM action levels were observed in confirmatory bottom samples collected at 16 feet below ground surface (bgs). These sample depths coincide with the top of the groundwater table in the Slide Rail Area. Subsequent deep soil (16 ft bgs and deeper) and groundwater analytical results indicated areas where PCBs concentrations in deep soil above the Toxic Substances Control Act (TSCA) level and in groundwater exceeding NYSDEC Technical and Operational Guidance Series (1.1.1) screening criteria (TOGS) appeared to be generally co-localized.

To further evaluate the potential for elevated PCBs in soil beneath the water table, as well as in groundwater, within the FFC an investigation work plan was submitted to NYSDEC on March 22, 2021. This work plan was conditionally approved by NYSDEC on March 26, 2021, and Geosyntec provided an email dated 30 March 2021 outlining how the investigation would address the conditions listed in NYSDEC's approval letter. NYSDEC provided an email on April 23, 2021 that summarized phone conversations regarding additional sampling requested in the NAF to support revision of the IRM #5A2 work plan. These additional data collection requests are incorporated herein.

In February 2021, groundwater investigation activities were completed in the NAF. **Attachment A** contains groundwater analytical data figure and tables summarizing the results of these investigation activities. At the request of NYSDEC, Unisys prepared this work plan addendum to extend the deep soil and groundwater investigation activities conducted in the FFC to the NAF to further evaluate the concentrations of PCBs in groundwater and in soil beneath the water table. The investigation area is shown on **Figure 1**. The scope and method of the investigation at the NAF is the same as that performed at the FFC.

Figure 2 shows proposed soil and groundwater sampling locations and a sampling and analysis plan is provided on **Table 1.** As with the approved work plan for the FFC, sampling locations are proposed in the NAF on an approximately 120-foot x 120-foot grid. Soil investigation locations will be shifted from the grid to allow co-location with areas where elevated concentrations of PCBs were reported in groundwater during the February 2021 sampling event. It should be noted that the southern portion of the NAF, where the investigation will occur, currently contains a haul road and areas for soil staging, including hazardous soil storage, sorted reuse soil stockpiles and non-hazardous soil stockpiles as part of the ongoing IRM in the FFC. As such, the proposed sampling locations may require adjustment in the field based on access. **Figure 2** shows these IRM-related areas as well as the AOC-19 area.

Investigation to date indicates that exceedances of various compounds in groundwater exist along the eastern, downgradient edge of the NAF, and that delineation of those exceedances will necessitate soil and groundwater investigation east of the NAF. The focus of this work plan is to complete investigation of the NAF so that IRM #5A2 can proceed expeditiously. A separate work plan will be provided for delineation of soil and groundwater east of the NAF.

A proposed schedule for implementation of Work Plan tasks and deliverables is provided in **Table 2**. This schedule includes site access, field work, laboratory analysis and data reporting. Proposed investigation activities will be scheduled around IRM activities, which may impact the schedule depicted in **Table 2**.

Based on the current configuration of haul roads and stockpiles in the NAF, access to the proposed investigation locations will be sequenced beginning with locations where access is currently available. **Table 3** provides a listing of each investigation location, and when access is anticipated. Unisys/Geosyntec will work with the IRM contractor to facilitate safe access to drilling locations, through a combination of removal of soil stockpiles, scheduling investigation activities outside of times when truck traffic is anticipated, or completing the investigation location when IRM bins or haul roads are removed.

PROPOSED SCOPE OF WORK

Soil Sampling and Analysis

This SOW proposes to complete 37 soil borings in the NAF, as shown on **Figure 2.** At thirty-five (35) of those locations, soil sample collection will begin at the soil sampling interval spanning the water table (the 14-16 feet bgs interval) and extend, on two-foot intervals, four (4) ft into the top of the silty clay aquitard. At two of those borings (B3883 and B3886[1]) on the southern boundary of AOC-19, NYSDEC requested

[1] Soil borings B3883 and B3886 are co-located with soil borings B3016 and B3028, respectively, completed during the remedial investigation in August 2019. Soil data exist at these locations from ground surface to 14 feet bgs. Sampling at B3883 and B3886 will, therefore, begin in the 14-16 feet bgs interval and extend to the top of clay.

that soil analytical data be provided from the ground surface, rather than from the water table, to further evaluate the potential for elevated PCBs in soil south of AOC-19. Two additional soil borings (B3817 and B3819) will be completed approximately 30 ft south of B3883 and B3886 as step-out locations. Soil samples will be collected from these borings on two-foot intervals from ground surface to the water table.

During groundwater well installation activities in February 2021, the depth to the top of the clay aquitard in this portion of the NAF ranged between 21 and 32 feet bgs. The rationale for the soil samples are to characterize the nature and extent of PCBs in soil below the water table in this area of the Site. In accordance with NYSDEC comments to the work plan, the investigation will additionally:

- Collect a subset (25%) of the soil samples for analyses of a full suite of constituents of potential concern (COPCs), including PCBs, Target Analyte list (TAL) metals, Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs) and emerging contaminants, including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane; and

- Collect data to evaluate contaminant migration/attenuation in the clay layer. The soil borings will be extended four (4) feet into the clay, sampling at 2 ft intervals, with analysis for PCBs.

The Elmira City School District (ECSD) is planning installation of a stormwater infiltration gallery in a parking lot proposed near the shot put area. In an email dated April 14, 2021, the NYSDEC requested a soil boring be conducted near the western boundary of the proposed infiltration gallery to close a data gap between existing soil borings B3649 and B3113. This soil boring was requested to be analyzed from the base of the planned infiltration gallery (four feet bgs) to the water table and that soil samples, collected on two-foot intervals, be analyzed for a full suite of COPCs. The planned location of the infiltration gallery and soil boring (B3930) are shown on **Figure 2**.

Proposed restoration plans associated with IRM 5A2 in the NAF include several dry wells along the western portion of the NAF. Evaluation of proposed dry well locations included assessing available soil data in comparison to protection of groundwater criteria. This initial assessment indicates a proposed dry well is adjacent to existing RI soil investigation boring B3070 (**Figure 2**). B3070 data from the 12-14 feet bgs interval indicates the presence of arsenic at a concentration of 18 mg/kg, exceeding the protection of groundwater SCO of 16 mg/kg. As part of the restoration planning process, Unisys will recollect a soil sample at the B3070 location for analysis of arsenic in the 12-14 feet bgs interval, and will collect and hold a sample from the 14-16 feet bgs interval.

Table 1 describes an analytical plan for each sample (i.e., analytes for each sample, by sample depth) and provides the rationale for the soil sample location. Sampling and analysis methodology will follow the September 2018 Quality Assurance Project Plan/Field Sampling Plan (QAPP/FSP) for the Site. Soil samples will be collected using direct-push technology (DPT). Non-dedicated field equipment will be decontaminated between sample locations by washing it with an Alconox™/distilled water solution followed by rinsing with distilled water.

Soil samples will be screened in the field for VOCs using a photoionization detector (PID), and for visual and/or olfactory evidence of impact. If PID readings greater than 10 parts per million (ppm) above background are detected in headspace readings or if visual and/or olfactory evidence of impact are observed in a soil sample, analysis of VOCs and SVOCs will be performed in addition to the analyses indicated in **Table 1**.

Laboratory analytical results will be validated in accordance with the QAPP. Data summary tables, COPC extent figures and soil boring logs will be prepared following completion of field investigation activities. Soil analytical data will be compared with restricted residential and protection of groundwater SCOs.

Groundwater Sampling and Analysis

Groundwater sampling is proposed at the locations indicated on **Figure 2**, which also shows the existing permanent monitoring wells within the investigation area. Shallow and intermediate zone groundwater sampling was completed in the NAF area as part of the February 2021 investigation activities (**Attachment A**). Additional groundwater investigation is planned within the NAF using temporary groundwater well pairs constructed of 1-inch diameter PVC with a slotted screen interval. The depth to water in these areas is anticipated to be approximately 15 to 16 feet bgs based on previous drilling observations and on water level measurements collected from existing monitoring wells across the Site. The wells pairs will be screened to target the shallow water bearing zone (15-25 feet bgs and intersecting the water table) and intermediate water bearing zone (23-33 feet bgs and intersecting the top of the silty clay aquitard). The depth to the silty clay has been observed to vary spatially and will be determined based on drilling observations prior to installing wells within the intermediate zone. As with the groundwater investigation completed in February 2021, locations where the uppermost water bearing zone is observed to be 12 feet or less (i.e., the distance between water strike and the top of the clay aquitard), a temporary well with a 15-foot screen will be installed. The screen will be set roughly one foot into the clay aquitard, and extend roughly two feet above the water strike.

Groundwater sample collection, handling and analysis will be performed in accordance with the QAPP/FSP for the Site. The temporary wells will be purged prior to groundwater sampling. Groundwater samples collected from the wells will be analyzed for total and dissolved PCBs (**Table 1**). A subset (25%) of the groundwater samples will additionally be analyzed for a full suite of COPCs, including PCBs, TAL metals (total and dissolved), TCL VOCs, TCL SVOCs and emerging contaminants, including PFAS and 1,4-dioxane. Non-dedicated field equipment will be decontaminated between sample locations by washing it with an Alconox™/distilled water solution followed by rinsing with distilled water. Following sample collection, the temporary wells will be removed, and the borehole filled with hydrated bentonite chips to ground surface.

Well construction records including drilling observations and screen interval will be prepared for each temporary well. Laboratory analytical results will be validated in accordance with the QAPP. Sample analytical results will be mapped and tabulated and compared against TOGS. Additional sampling to delineate the horizontal and vertical extent of constituents in groundwater will be conducted where needed per DER-10. Unisys will provide NYSDEC maps and data tables in support of such additional activities and will provide notice of a date for the start of field work as information becomes available.

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, and equipment blanks, will be collected and analyzed at the frequency specified in the QAPP/FSP.

HEALTH AND SAFETY

A Site-specific Health and Safety Plan (HASP) was presented in the September 2018 RI Work Plan. During soil sampling activities, air monitoring will be performed in accordance with the Community Air Monitoring Plan (CAMP) provided within the RI 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) and soil cuttings. Liquid IDM that will be generated will consist of water generated during decontamination of field equipment and purge water generated during temporary well sampling. Solid and liquid IDM will be managed along with materials generated as part of IRM #5 activities.

For waste disposal purposes, soils with total PCB concentrations of fifty (50) milligrams per kilogram (mg/kg) or greater will be handled as PCB remediation waste as defined in 40 CFR §761.3 (TSCA) and as hazardous waste containing PCBs as defined in 6 NYCRR Part 371.4 (e). These soils will be shipped for off-Site disposal at an appropriate treatment, storage and/or disposal facility. Each shipment will have the required manifest, labeling and placarding in accordance with federal and state laws and regulations. Soils with total PCB concentrations less than fifty (50) mg/kg will be managed as nonhazardous waste and transported off-Site for disposal at an appropriate disposal facility.

SCHEDULE AND DELIVERABLES

Unisys plans to implement the activities described in this plan in accordance with the schedule provided in **Table 2**. The field schedule is dependent access afforded by IRM/ISMP activities to allow safe access to drilling locations. Deliverables include soil and groundwater analytical laboratory reports, and a preliminary data package that will include soil boring logs, temporary well installation details, soil and groundwater data summary tables and figures. The schedule for these deliverables is listed in **Table 2**.

CLOSING

Geosyntec appreciates the opportunity to submit this work plan to the NYSDEC, NYSDOH and ECSD. If you have any questions, please contact Mr. Kevin Krueger of Unisys at (651) 212-7273.

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 and Geologists of New York, P.C.

Attachments:

Figure 1 – Site Layout Map
Figure 2 – Proposed Soil and Groundwater Sample Locations

Table 1 - Sampling and Analysis Plan
Table 2 – Schedule
Table 3 – Sampling Sequencing Plan

Attachment A – NAF Groundwater Analytical Data

cc:

Dave Pratt, NYSDEC
Justin Stenerson, NYSDEC
Michael Cruden, NYSDEC
Justin Deming, NYSDOH
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Amanda Castignetti, Sterling Environmental
Paul Sylvestri, Harter, Secrest and Emery

FIGURES

Notes

Aerial imagery accessed via ArcGIS Online and provided by Microsoft on 14 December 2020.

Site Layout Map

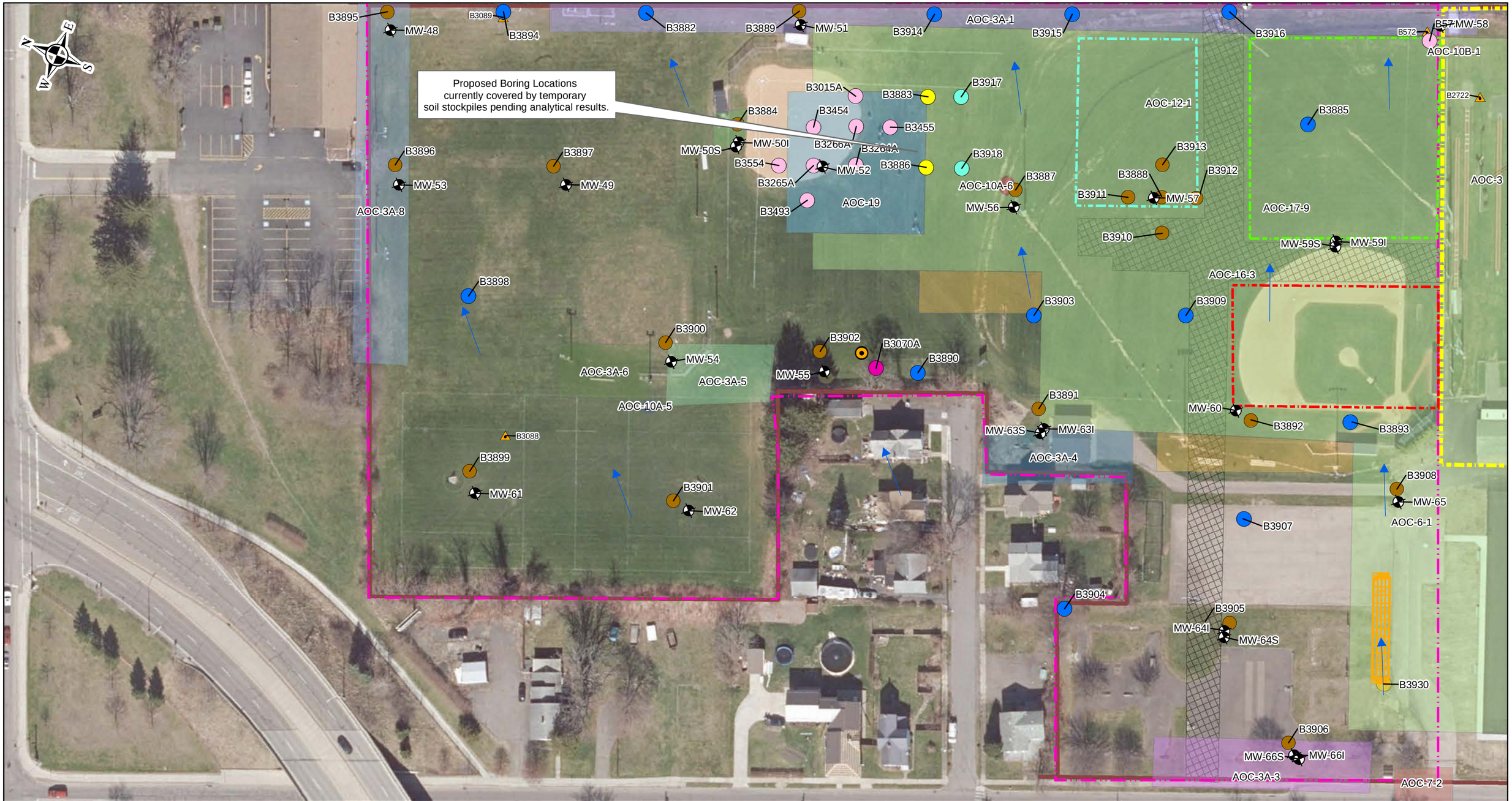
Former Sperry Remington - North Portion #c808022
Elmira, New York

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

Columbia, Maryland | April 2020

Figure 1

\\minneapolis01\data\GIS\Elmira - MN0882\Maps\NYDEC AOCs\SiteChaDataReport\Fig1\Figure 2 - Site Map Add2.mxd, 14-Dec-2020



- Proposed Soil Boring and Temporary Well - Water Table to Clay
- Proposed Soil Boring and Temporary Well - Surface to Clay
- Proposed Soil Boring - Surface to Water Table
- Proposed Soil Boring - Water Table to Clay
- Dry Well Investigation Soil Boring
- Existing Boring Installed to Clay
- Infiltration Gallery Boring
- Existing Well
- Former Well
- Former Temporary Well
- Inferred Groundwater Flow Direction (Feb. 2021)
- Hazardous Soil Staging
- Sorted Reuse Stock Pile
- Non Haz Stock Pile
- NAF Area
- FFC Boundary
- Infiltration Gallery
- Site Boundary
- Haul Road
- Proposed Dry Well

Note:
Aerial imagery provided by ArcGIS Online.

80 40 0 80 Feet

Proposed Soil and Groundwater Sample Locations
Northern Athletic Field

Former Sperry Remington Site North Portion #c808022
Elmira, New York

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

Pittsburgh, Pennsylvania | April 2021

Figure 2

P:\GIS Data\Elmira\Matrix Figures\Matrix Figures\Dsize_RIWP_Elmira_DDP_RI_SampLoc_20201016v2_A0596320-0A5C-437F-AC70-868E1CCAF0DC\v107\Figure 2 - AOC Aerial_Planned and Existing Site-Wide Monitoring Well Locations - NAF_ALT3.mxd 4/28/2021 4:30:33 PM

TABLES

Table 1

Sampling and Analysis Plan

Former Sperry Remington - North Portion
Elmira, New York

Primary Sample Locations	Surface to 14 ft bgs[3]	12-14 ft bgs	14 to 16 ft bgs	16 to 18 ft bgs	18 to 20 ft bgs	20 to 22 ft bgs	22 to 24 ft bgs	24 to 26 ft bgs	26 to 28 ft bgs	28 to 30 ft bgs	30 to 32 ft bgs	32 to 34 ft bgs	34 to 36 ft bgs
Soil				**The rationale for these samples is to evaluate the nature and extent of PCBs in soil below the water table as part of the remedial investigation.**									
B3882			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3883[4]			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3884			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3885			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3886[4]			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3887			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3888			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3889			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3890			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3891			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3892			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3893			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3894			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3895			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3896			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3897			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3898			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3899			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3900			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3901			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3902			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3903			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3904			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3905			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3906			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3907			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3908			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3909			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3910			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3911			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3912			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3913			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3914			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3915			P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC	P, V, S, M, EC (Hold)
B3916			P	P	P	P	P	P	P	P	P	P	P (Hold)
B3917	P, V, S, M, EC												
B3918	P												
B3930	P, V, S, M, EC		P, V, S, M, EC										
B3070A		M	M (Hold)										
Groundwater[1, 2]				**15-25 ft bgs**	**23-33 ft bgs**	**The rationale for these samples is to evaluate the nature and extent of total and dissolved PCBs in groundwater (shallow and intermediate).**							
B3882				P	P								
B3883				P, V, S, M, EC	P, V, S, M, EC								
B3885				P, V, S, M, EC	P, V, S, M, EC								
B3886				P	P								
B3890				P	P								
B3893				P	P								
B3894				P, V, S, M, EC	P, V, S, M, EC								
B3898				P	P								
B3903				P	P								
B3904				P	P								
B3907				P, V, S, M, EC	P, V, S, M, EC								
B3909				P	P								
B3914				P	P								
B3915				P	P								
B3916				P	P								

Notes:
M - Metals by SW-846 6010/7471
V - VOC analysis by SW-846 8260
EC - Emerging contaminants (PFAS analysis by EPA Method 537.1 and 1,4-Dioxane by SW-846 8270)
ft bgs - feet below ground surface, defined as base of vegetation (turf areas) and base of sub-base fill (non-turf areas)
1 - Temporary wells will be installed targeting the upper and lower portions of the water-bearing zone. Actual screened intervals will be selected based on field observations.
2 - Both total and dissolved PCBs and metals will be analyzed.
3 - Sampling intervals: 0-0.17, 0.17-2, 2-4, 4-6, 6-8, 8-10, 10-12, 12-14 (ft bgs)
4 - B3883 and B3886 are co-located with RI borings B3016 and B3028, respectively, which have previously been sampled from 0-14 ft bgs

P - PCB analysis by SW-846 8082
S - SVOC analysis by SW-846 8270

Hold - Sample will be held for lab analysis pending shallower sample results

TABLE 2 - SCHEDULE
SOIL AND GROUNDWATER INVESTIGATION ACTIVITIES
Former Sperry Remington – North Portion #c808022
Elmira, New York

Task Name	Duration	Start	Finish	Notes
Work Plan approval	1 week	4/28/2021	5/5/2021	Submittal 4/28/21
Soil Sampling and Laboratory Analysis				
Procurement/site coordination	1 week	4/28/2021	5/4/2021	
Markout, coordination with IRM activities, drilling equipment mobilization	2 days	5/5/2021	5/6/2021	Markout & field mobilization
Soil sampling	4 weeks	5/7/2021	6/3/2021	Field event - 37 boring locations - 2 Drill Rigs; See Table 3
Soil sample laboratory analysis	10 days	6/4/2021	6/18/2021	Anticipates 10-day turnaround time
Temporary Groundwater Wells, Groundwater Sampling and Analysis				
Temporary monitoring well installation, groundwater sampling and water level measurement	4 weeks	5/7/2021	6/4/2021	15 locations, 30 wells; See Table 3
Groundwater sample laboratory analysis	10 days	6/7/2021	6/21/2021	Anticipates 10-day turnaround time
Data Analysis and Reporting				
Daily field-generated soil boring logs	4 weeks	5/7/2021	6/3/2021	
Soil and groundwater laboratory reports to NYSDEC	0 days			As received
Unvalidated Data Summary Tables and Figures	3 weeks	6/28/2021	7/12/2021	Based on 10-day turnaround time
Data validation - (soil and groundwater)	4 weeks	6/18/2021	7/16/2021	Data usability report
Preliminary Data Package to NYSDEC	2 weeks	7/16/2021	7/30/2021	Soil and groundwater data summary tables, figures, boring logs

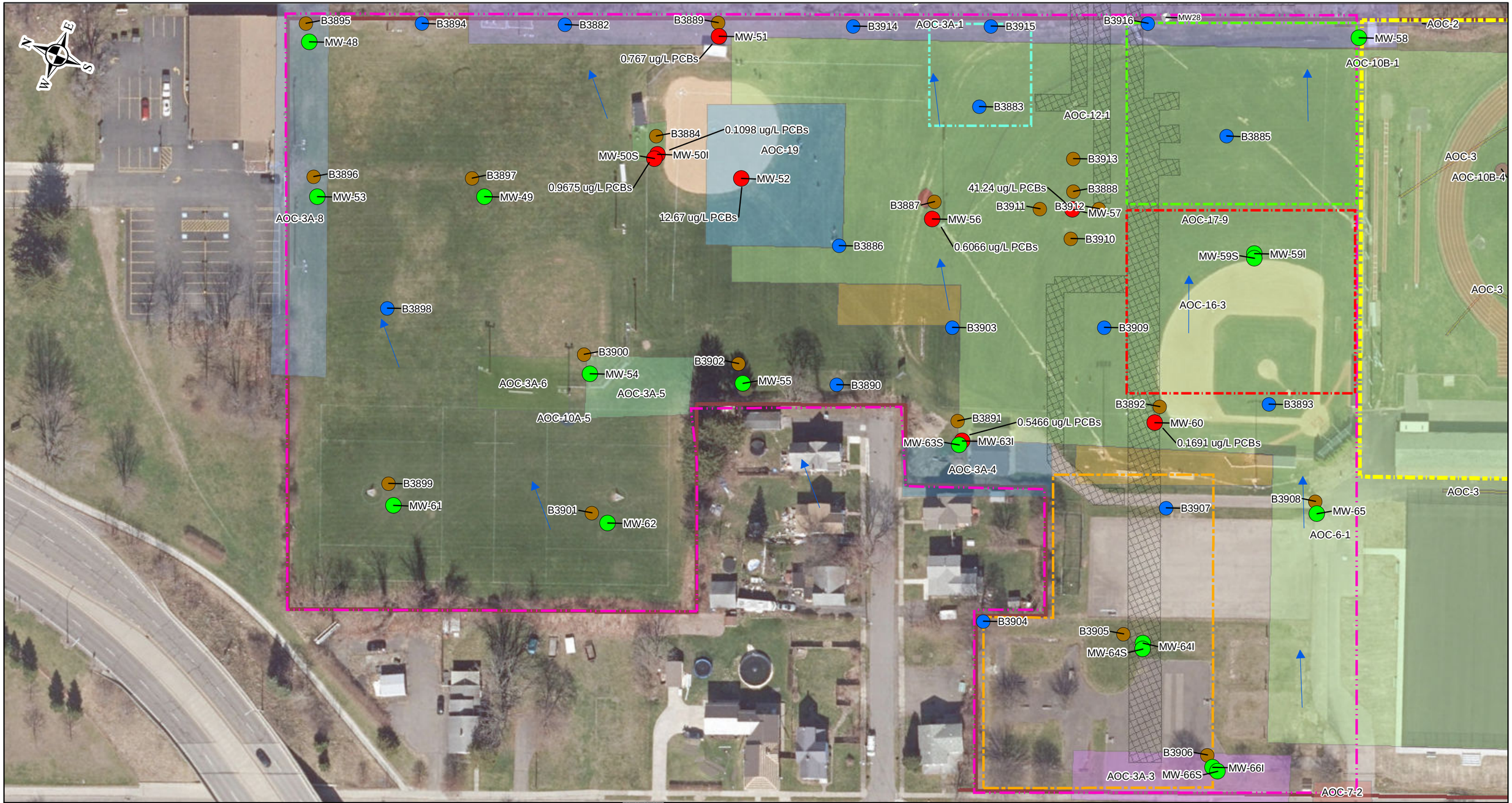
Sampling Sequencing Plan

Former Sperry Remington - North Portion
Elmira, New York

Primary Sample Locations	Temporary Well Locations (marked "W")	Open Now	Open When Soil Piles Moved[1]	Open When Bins / Roads Moved
Number of Soil Boring Locations	37=	20	11	6
Number of Well Locations	15=	8	5	2
Estimated Access Date		Open Now	14 May	1 June
Duration to Complete Open Locations		10 rig days, 3 days gw sampling	6 rig days, 3 days gw sampling	3 rig days, 1 day gw sampling
Estimated schedule (drilling)		6-13 May	14-18 May	1-3 June
Estimated schedule (gw monitoring)		12-14 May	18-20 May	4 June
B3882	W	x		
B3883[2]	W		x	
B3884			x	
B3885	W			x
B3886[2]	W		x	
B3887		x		
B3888		x		
B3889		x		
B3890	W	x		
B3891		x		
B3892		x		
B3893	W	x		
B3894	W	x		
B3895		x		
B3896		x		
B3897			x	
B3898	W	x		
B3899		x		
B3900			x	
B3901		x		
B3902			x	
B3903	W		x	
B3904	W	x		
B3905		x		
B3906		x		
B3907	W	x		
B3908		x		
B3909	W		x	
B3910				x
B3911				x
B3912				x
B3913				x
B3914	W	x		
B3915	W		x	
B3916	W			x
B3917			x	
B3918			x	

Notes:
1 - may include creating temporary accessways
2 - B3883 and B3886 are co-located with RI borings B3016 and B3028, respectively, which have previously been sampled from 0-14 ft bgs

Attachment A



PCB, Exceeds TOGS

PCB, Does Not Exceed TOGS

Proposed Soil Boring and Temporary

Proposed Soil Boring

Hazardous Soil Staging Area

Inferred Groundwater Flow Direction (Feb. 2021)

Shot Put Area

NAF Area

FFC Boundary

IRM#5 Haul Road

Site Boundary

Sorted Reuse Stock Pile

Non Haz Stock Pile

Note:
Aerial imagery provided by ArcGIS Online.

80 40 0 80 Feet

Groundwater Analytical Data PCBs (Feb. 2021)
Northern Athletic Field

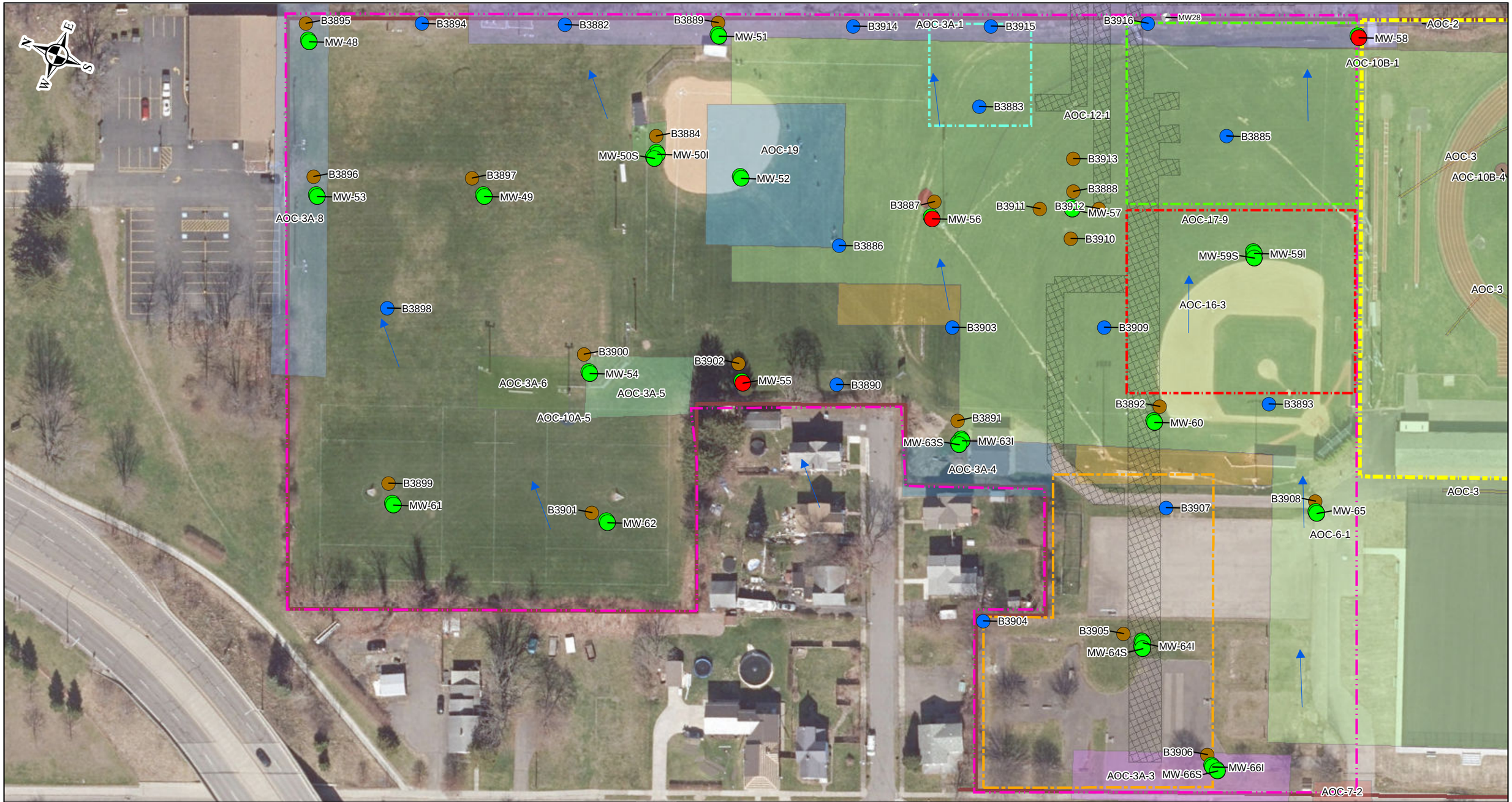
Former Sperry Remington Site North Portion #c808022
Elmira, New York

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

Pittsburgh, Pennsylvania | April 2021

Figure A-1

P:\GIS Data\Elmira\Matrix Figures\Matrix Figures\Dsize_RIWP_Elmira_DDP_RI_SampLoc_20201016v2_A0596320-0A5C-437F-AC70-868E1CCAF0DC\v107\Figure A1_PCBs_GW_NAF Deep Inv.mxd 4/13/2021 12:45:32 PM



Metals, Exceeds TOGS

Metals, Does Not Exceed TOGS

Proposed Soil Boring and Temporary Groundwater Well

Proposed Soil Boring

Hazardous Soil Staging Area

Inferred Groundwater Flow Direction (Feb. 2021)

Shot Put Area

NAF Area

FFC Boundary

IRM#5 Haul Road

Site Boundary

Sorted Reuse Stock Pile

Non Haz Stock Pile

Note:
Aerial imagery provided by ArcGIS Online.

80 40 0 80 Feet

Groundwater Analytical Data Metals (Feb. 2021)
Northern Athletic Field

Former Sperry Remington Site North Portion #c808022
Elmira, New York

B&B Engineers & Geologists of new york, p.c.
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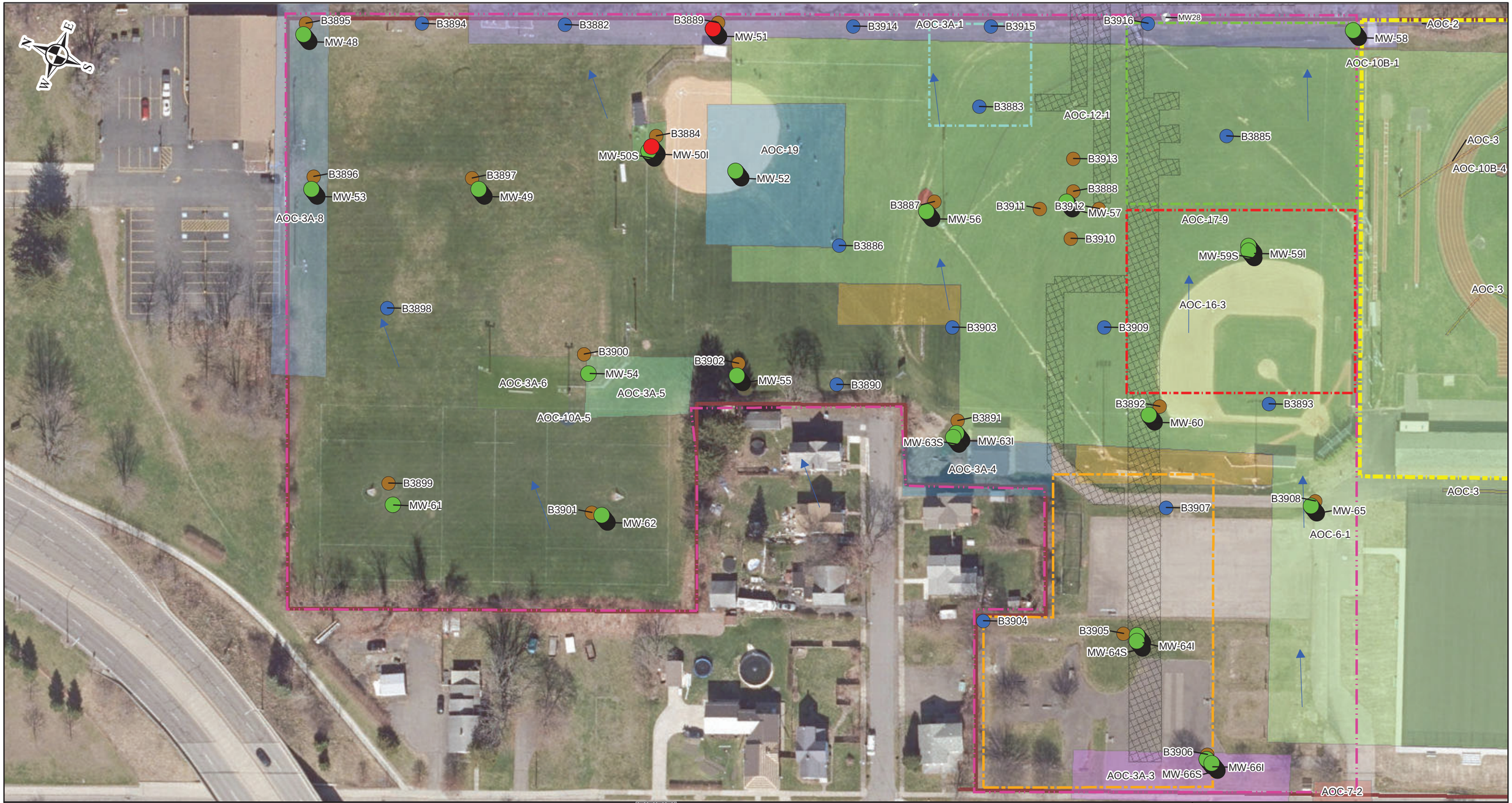
Pittsburgh, Pennsylvania | April 2021

Figure A-2

P:\GIS Data\Elmira\Matrix Figures\Matrix Figures\Dsize_RIWP_Elmira_DDP_RI_SampLoc_20201016v2_A0596320-0A5C-437F-AC70-868E1CCAF0DC\v107\Figure A2_Metals_GW_NAF Deep Inv.mxd 4/9/2021 4:15:18 PM



Proposed Soil Boring and Temporary Groundwater Well

Proposed Soil Boring

VOCs, Does Not Exceed TOGS

VOCs, Exceeds TOGS

Hazardous Soil Staging Area

Inferred Groundwater Flow Direction (Feb. 2021)

Shot Put Area

NAF Area

FFC Boundary

IRM#5 Haul Road

Site Boundary

Sorted Reuse Stock Pile

Non Haz Stock Pile

Note:
Aerial imagery provided by ArcGIS Online.

80 40 0 80 Feet

Groundwater Analytical Data VOCs (Feb. 2021)
Northern Athletic Field

Former Sperry Remington Site North Portion #c808022
Elmira, New York

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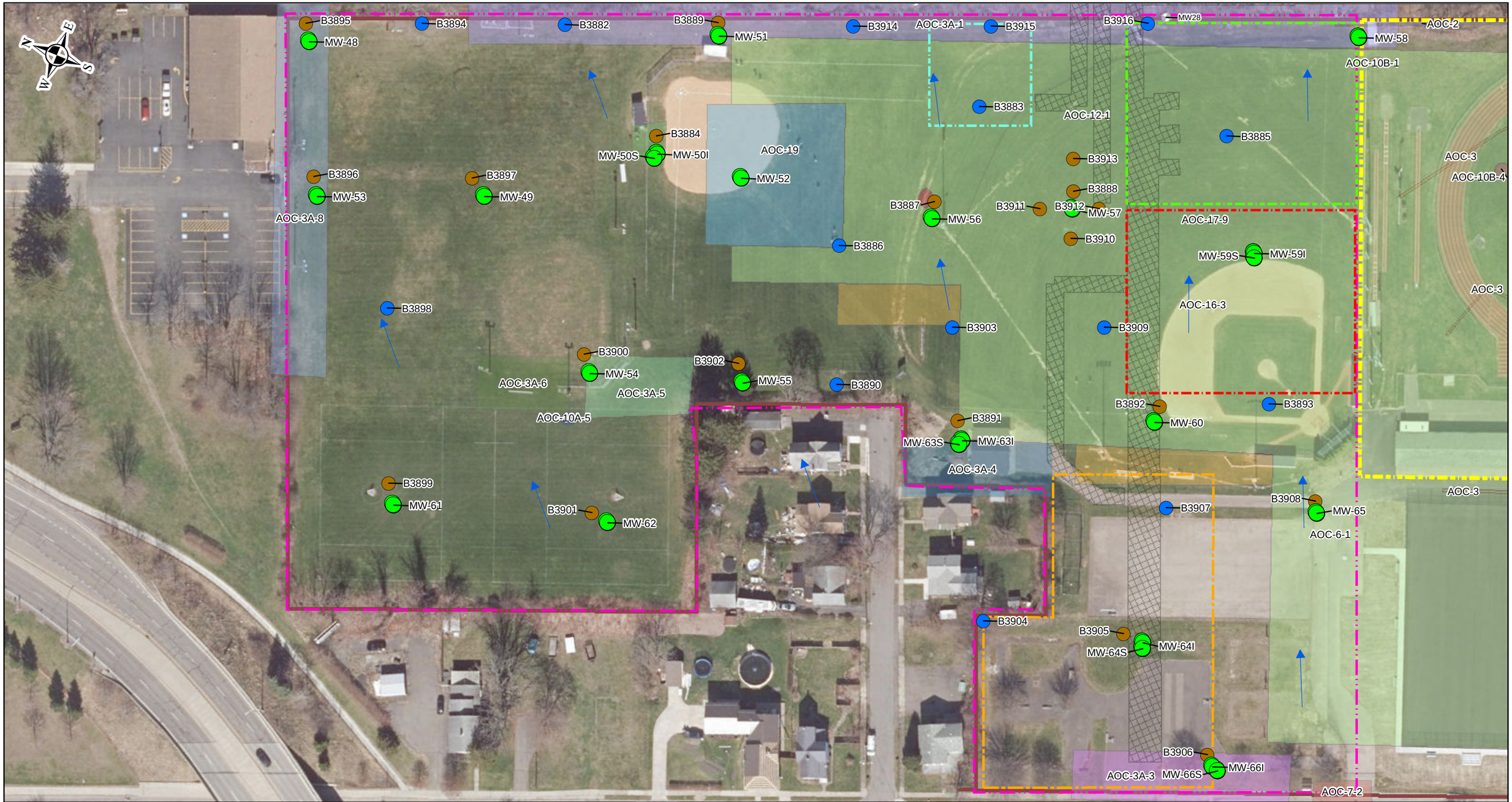
Figure A-3

P:\GIS Data\Elmira\Matrix Figures\Matrix Figures\Dsize_RIWP_Elmira_DDP_RI_SampLoc_20201016v2_A0596320-0A5C-437F-AC70-868E1CCAF0DC\v107\Figure A3_VOCs_GW_NAF Deep Inv.mxd 4/13/2021 1:18:06 PM



Proposed Soil Boring and Temporary Groundwater Well

Proposed Soil Boring

SVOCs, Exceeds TOGS

SVOCs, Does Not Exceed TOGS

Hazardous Soil Staging Area

Inferred Groundwater Flow Direction (Feb. 2021)

Shot Put Area

NAF Area

FFC Boundary

IRM#5 Haul Road

Site Boundary

Sorted Reuse Stock Pile

Non Haz Stock Pile

Note:
Aerial imagery provided by ArcGIS Online.

80 40 0 80 Feet

Groundwater Analytical Data SVOCs (Feb. 2021)
Northern Athletic Field

Former Sperry Remington Site North Portion #c808022
Elmira, New York

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Figure A-4

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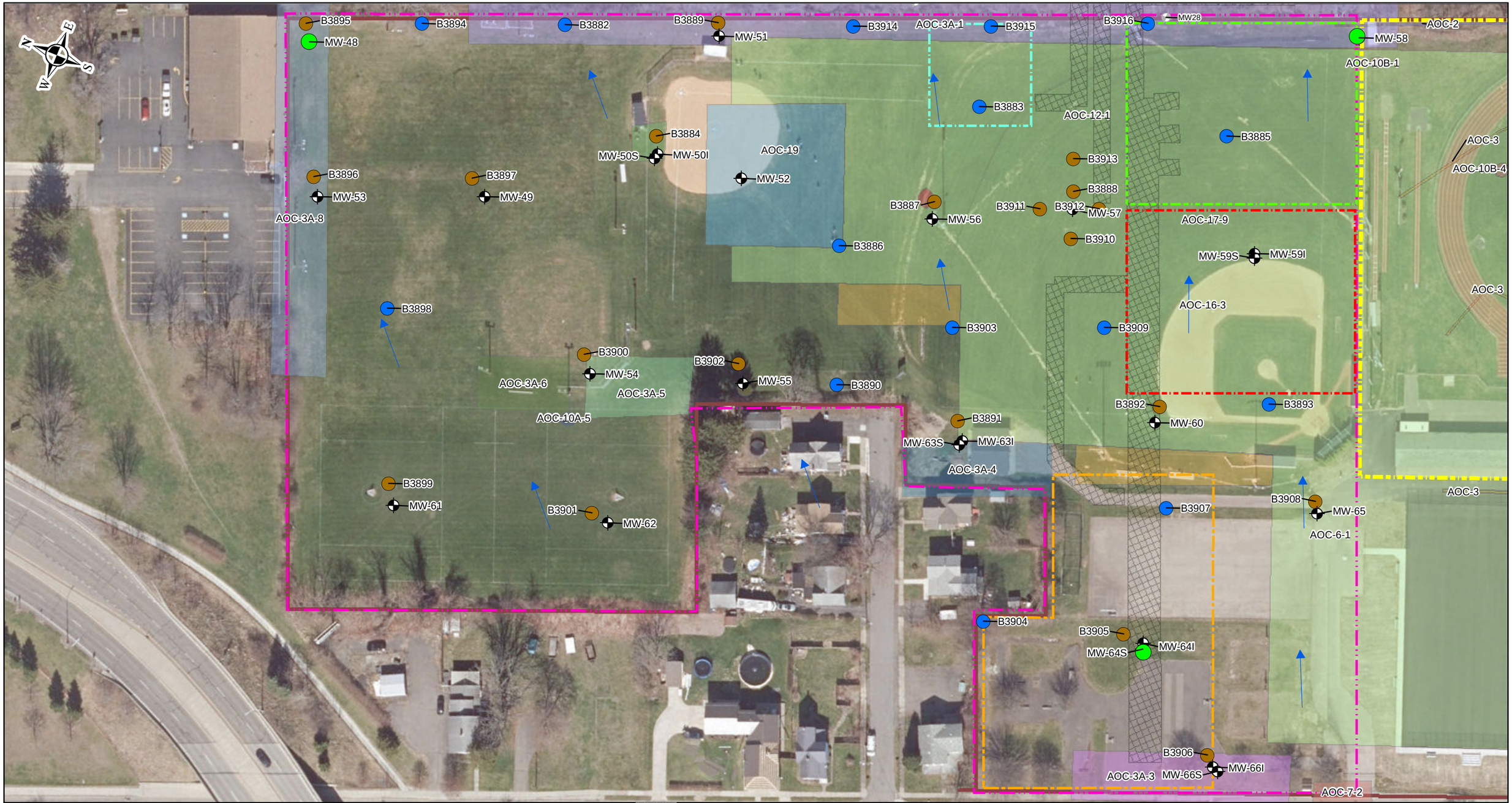

Proposed Soil Boring and Temporary Groundwater Well

Proposed Soil Boring

PFAS, Does Not Exceed TOGS

Hazardous Soil Staging Area

Inferred Groundwater Flow Direction (Feb. 2021)

Shot Put Area

NAF Area

FFC Boundary

IRM#5 Haul Road

Site Boundary

Sorted Reuse Stock Pile

Non Haz Stock Pile

Note:
Aerial imagery provided by ArcGIS Online.

80 40 0 80 Feet

Groundwater Analytical Data PFAS (Feb. 2021)
Northern Athletic Field

Former Sperry Remington Site North Portion #c808022
Elmira, New York

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Pittsburgh, Pennsylvania | April 2021

Figure A-5

P:\GIS Data\Elmira\Matrix Figures\Matrix Figures\Dsize_RIWP_Elmira_DDP_RI_SampLoc_20201016v2_A0596320-0A5C-437F-AC70-868E1CCAF0DC\v107\Figure A5_PFASs_GW_NAF Deep Inv.mxd 4/13/2021 2:14:00 PM

Table 1
PCBs in Groundwater

Former Sperry Remington - North Portion

Elmira, New York

				PCBs									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.0045	0.0054	0.005	0.0034	0.0029	0.0043	0.0037	0.0068	0.0043	
NY_TOGS													0.09
Well ID	**Same Name**	**Sample Date**	**Lab Report**										
MW-48	MW-48	2/17/2021	180-117387-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.015B	<0.0043U	<0.0037U	<0.0068U	<0.0043U	0.0337
MW-49	DUP-04	2/17/2021	180-117387-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.019B	0.0059J	<0.0037U	<0.0068U	<0.0043U	0.04145
MW-49	MW-49	2/17/2021	180-117387-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.015B	<0.0043U	<0.0037U	<0.0068U	<0.0043U	0.0337
MW-50I	SSHS-RI-MW-50I	2/12/2021	180-117176-1	<0.0048U	<0.0057U	<0.0052U	<0.0036U	0.09	<0.0046U	<0.0039U	<0.0071U	<0.0046U	0.1098
MW-50S	SSHS-RI-MW-50S	2/12/2021	180-117176-1	<0.0048U	<0.0057U	<0.0052U	<0.0036U	0.67	0.28	<0.0039U	<0.0071U	<0.0046U	0.9675
MW-51	DUP-05	2/12/2021	180-117176-1	<0.0047U	<0.0057U	<0.0052U	<0.0035U	0.61	0.13	<0.0039U	<0.007U	<0.0045U	0.7573
MW-51	SSHS-RI-MW-51	2/12/2021	180-117176-1	<0.0046U	<0.0056U	<0.0051U	<0.0035U	0.61	0.14	<0.0038U	<0.0069U	<0.0044U	0.767
MW-52	SSHS-RI-MW-52	2/12/2021	180-117176-1	<0.047U	<0.057U	<0.052U	<0.035U	11	1.5	<0.039U	<0.07U	<0.045U	12.67
MW-53	MW-53	2/17/2021	180-117387-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.01B	<0.0043U	<0.0037U	<0.0068U	<0.0043U	0.0287
MW-54	MW-54	2/16/2021	180-117390-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.015	<0.0043U	<0.0037U	<0.0068U	<0.0043U	0.0337
MW-55	MW-55	2/16/2021	180-117390-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.0095	<0.0043U	<0.0037U	<0.0068U	<0.0043U	0.0282
MW-56	MW-56	2/17/2021	180-117387-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.43B	0.16	<0.0037U	<0.0068U	<0.0043U	0.6066
MW-57	MW-57	2/18/2021	180-117476-1	<0.093U	<0.11U	<0.1U	<0.07U	31	9.9	<0.077U	<0.14U	<0.089U	41.24
MW-58	MW-58	2/21/2021	180-117476-1	<0.0046U	<0.0055U	<0.005U	<0.0034U	<0.0029U	<0.0044U	<0.0038U	<0.0068U	<0.0044U	<0.0408
MW-59I	MW-59I	2/19/2021	180-117476-1	<0.0049U	<0.0059U	<0.0054U	<0.0037U	0.031	<0.0047U	<0.004U	<0.0073U	<0.0047U	0.0513
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.0047U	<0.0056U	<0.0051U	<0.0035U	0.027	<0.0045U	<0.0038U	<0.007U	<0.0045U	0.04635
MW-60	MW-60	2/18/2021	180-117476-1	<0.0047U	<0.0056U	<0.0051U	<0.0035U	0.096	0.056	<0.0038U	<0.007U	<0.0045U	0.1691
MW-61	MW-61	2/16/2021	180-117390-1	<0.0046U	<0.0055U	<0.005U	<0.0034U	0.012	<0.0044U	<0.0038U	<0.0068U	<0.0044U	0.03095
MW-62	MW-62	2/16/2021	180-117390-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.018	<0.0043U	<0.0037U	<0.0068U	<0.0043U	0.0367
MW-63I	MW-63I	2/18/2021	180-117476-1	<0.0045U	<0.0054U	<0.005U	<0.0034U	0.39	0.14	<0.0037U	<0.0068U	<0.0043U	0.5466
MW-63S	MW-63S	2/18/2021	180-117476-1	<0.0047U	<0.0057U	<0.0052U	<0.0035U	0.038	<0.0045U	<0.0039U	<0.007U	<0.0045U	0.0575
MW-64I	MW-64I	2/20/2021	180-117476-1	<0.0048U	<0.0057U	<0.0052U	<0.0036U	0.041	<0.0046U	<0.0039U	<0.0071U	<0.0046U	0.06075
MW-64S	MW-64S	2/20/2021	180-117476-1	<0.0048U	<0.0057U	<0.0052U	<0.0036U	0.037	<0.0046U	<0.0039U	<0.0071U	<0.0046U	0.05675
MW-65	MW-65	2/20/2021	180-117476-1	<0.0046U	<0.0055U	<0.005U	<0.0034U	<0.0029U	<0.0044U	<0.0038U	<0.0068U	<0.0044U	<0.0408
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.0047U	<0.0057U	<0.0052U	<0.0035U	0.027	<0.0045U	<0.0039U	<0.007U	<0.0045U	0.0465
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.0047U	<0.0057U	<0.0052U	<0.0035U	0.037	<0.0045U	<0.0039U	<0.007U	<0.0045U	0.0565

Notes:

EQL - Estimated Quantitation Limit PCBs -
Polychlorinated Biphenyls
U - non detect at the value indicated
B - Compound detected in method blank mg/
L - milligrams per liter

Analyte concentrations detected above NY TOGS are presented in light gray.

Table 2
Metals in Groundwater

Former Sperry Remington - North
Portion Elmira, New York

Well ID	Same Name	Sample Date	Lab Report	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
				Metals																		Metals				
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.053	0.0034	0.0041	0.2	0.00033	0.00028	5	0.00078	0.00055	0.0022	0.031	0.0029	5	0.0027	0.00013	0.0015	5	0.0036	0.00085	5	0.0033	0.0037	0.006
NY_TOGS				2	0.006	0.05	2	0.003	0.01		0.1		1	0.6	0.05	35	0.6	0.0014	0.2		0.02	0.1		0.0005		5
MW-48	MW-48	2/17/2021	180-117387-1	<0.053U	<0.0034U	<0.0041U	0.15J	<0.00033U	<0.00028U	100	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	16	0.01J	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	88	<0.0033U	<0.0037U	<0.006U
MW-49	DUP-04	2/17/2021	180-117387-1	<0.053U	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	86	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	14	0.049	<0.00013U	<0.0015U	3.5J	<0.0036U	<0.00085U	72	<0.0033U	<0.0037U	<0.006U
MW-49	MW-49	2/17/2021	180-117387-1	0.12J	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	87	<0.0019U	<0.00055U	<0.0091U	0.21	<0.0029U	14	0.054	<0.00013U	<0.0015U	3.5J	<0.0036U	<0.00085U	72	<0.0033U	<0.0037U	<0.006U
MW-50I	SSHS-RI-MW-50I	2/12/2021	180-117176-1	<0.053U	<0.0034U	<0.0041U	0.13J	<0.00033U	<0.00028U	100	<0.00078U	0.00064J	<0.0022U	<0.031U	<0.0029U	16	0.33	<0.00013U	<0.0015U	4.7J	<0.0036U	<0.00085U	74	<0.0033U	<0.0037U	<0.006U
MW-50S	SSHS-RI-MW-50S	2/12/2021	180-117176-1	<0.053U	<0.0034U	<0.0041U	0.13J	<0.00033U	<0.00028U	97	<0.00078U	<0.00055U	<0.0022U	<0.031U	<0.0029U	15	0.0058J	<0.00013U	<0.0015U	3.9J	<0.0036U	<0.00085U	73	<0.0033U	<0.0037U	<0.006U
MW-51	DUP-05	2/12/2021	180-117176-1	<0.053U	<0.0034U	<0.0041U	0.18J	<0.00033U	<0.00028U	100	<0.00078U	<0.00055U	<0.0022U	<0.031U	<0.0029U	17	0.078	<0.00013U	<0.0015U	4.1J	<0.0036U	<0.00085U	68	<0.0033U	0.0038J	<0.006U
MW-51	SSHS-RI-MW-51	2/12/2021	180-117176-1	<0.053U	<0.0034U	<0.0041U	0.19J	<0.00033U	<0.00028U	110	<0.00078U	<0.00055U	<0.0022U	<0.031U	<0.0029U	18	0.08	<0.00013U	<0.0015U	4.3J	<0.0036U	<0.00085U	71	<0.0033U	<0.0037U	<0.006U
MW-52	SSHS-RI-MW-52	2/12/2021	180-117176-1	0.076J	<0.0034U	<0.0041U	0.15J	<0.00033U	<0.00028U	98	<0.00078U	<0.00055U	<0.0022U	0.11	<0.0029U	16	0.13	<0.00013U	<0.0015U	4.2J	<0.0036U	<0.00085U	72	<0.0033U	<0.0037U	<0.006U
MW-53	MW-53	2/17/2021	180-117387-1	<0.053U	<0.0034U	<0.0041U	0.15J	<0.00033U	<0.00028U	91	<0.0019U	0.0006J	<0.0091U	<0.089U	<0.0029U	15	0.0063J	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	81	<0.0033U	<0.0037U	<0.006U
MW-54	MW-54	2/16/2021	180-117390-1	<0.053U	<0.0034U	<0.0041U	0.13J	<0.00033U	<0.00028U	84	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	14	0.0042J	<0.00013U	<0.0015U	3.6J	<0.0036U	<0.00085U	76	<0.0033U	<0.0037U	<0.006U
MW-55	MW-55	2/16/2021	180-117390-1	1	<0.0034U	<0.0041U	0.14J	<0.00033U	<0.00028U	92	<0.0019U	0.0014J	<0.0091U	2.1	<0.0029U	16	0.085	<0.00013U	0.0019J	3.9J	<0.0036U	<0.00085U	77	<0.0033U	<0.0037U	0.0097J
MW-56	MW-56	2/17/2021	180-117387-1	0.69	<0.0034U	<0.0041U	0.14J	<0.00033U	<0.00028U	110	<0.0019U	0.0013J	<0.0091U	1.5	<0.0029U	18	0.13	<0.00013U	<0.0015U	4.2J	<0.0036U	<0.00085U	71	<0.0033U	<0.0037U	0.009J
MW-57	MW-57	2/18/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	95	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	15	0.094	<0.00013U	<0.0015U	4J	0.0038J	<0.00085U	73	<0.0033U	<0.0037U	<0.006U
MW-58	MW-58	2/21/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.18J	<0.00033U	<0.00028U	120	<0.0019U	<0.00055U	<0.0091U	1.3	<0.0029U	16	0.94	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	57	<0.0033U	<0.0037U	<0.006U
MW-59I	MW-59I	2/19/2021	180-117476-1	0.13J	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	83	<0.0019U	<0.00055U	<0.0091U	0.24	<0.0029U	14	0.033	<0.00013U	<0.0015U	3.7J	<0.0036U	<0.00085U	73	<0.0033U	<0.0037U	<0.006U
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.13J	<0.00033U	<0.00028U	85	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	14	<0.0027U	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	74	<0.0033U	<0.0037U	<0.006U
MW-60	MW-60	2/18/2021	180-117476-1	0.063J	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	84	<0.0019U	<0.00055U	<0.0091U	0.1	<0.0029U	14	0.089	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	74	<0.0033U	<0.0037U	<0.006U
MW-61	MW-61	2/16/2021	180-117390-1	<0.053U	<0.0034U	<0.0041U	0.15J	<0.00033U	<0.00028U	94	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	15	0.016	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	81	<0.0033U	<0.0037U	<0.006U
MW-62	MW-62	2/16/2021	180-117390-1	<0.053U	<0.0034U	<0.0041U	0.13J	<0.00033U	<0.00028U	89	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	15	<0.0027U	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	78	<0.0033U	<0.0037U	<0.006U
MW-63I	MW-63I	2/18/2021	180-117476-1	0.077J	<0.0034U	<0.0041U	0.13J	<0.00033U	<0.00028U	86	<0.0019U	<0.00055U	<0.0091U	0.1	<0.0029U	14	0.053	<0.00013U	<0.0015U	3.9J	<0.0036U	<0.00085U	75	<0.0033U	<0.0037U	<0.006U
MW-63S	MW-63S	2/18/2021	180-117476-1	0.1J	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	86	<0.0019U	<0.00055U	<0.0091U	0.21	<0.0029U	14	0.027	<0.00013U	<0.0015U	3.7J	<0.0036U	<0.00085U	75	<0.0033U	<0.0037U	<0.006U
MW-64I	MW-64I	2/20/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	79	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	13	<0.0027U	<0.00013U	<0.0015U	3.5J	<0.0036U	<0.00085U	71	<0.0033U	<0.0037U	0.014J
MW-64S	MW-64S	2/20/2021	180-117476-1	0.064J	<0.0034U	<0.0041U	0.11J	<0.00033U	<0.00028U	82	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	13	0.0079J	<0.00013U	<0.0015U	3.7J	<0.0036U	<0.00085U	78	<0.0033U	<0.0037U	<0.006U
MW-65	MW-65	2/20/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.11J	<0.00033U	<0.00028U	85	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	14	0.011J	<0.00013U	<0.0015U	3.6J	<0.0036U	<0.00085U	78	<0.0033U	<0.0037U	<0.006U
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.12J	<0.00033U	<0.00028U	81	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	13	0.021	<0.00013U	<0.0015U	3.8J	<0.0036U	<0.00085U	76	<0.0033U	<0.0037U	<0.006U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.053U	<0.0034U	<0.0041U	0.11J	<0.00033U	<0.00028U	80	<0.0019U	<0.00055U	<0.0091U	<0.089U	<0.0029U	13	0.028	<0.00013U	<0.0015U	3.6J	<0.0036U	<0.00085U	74	<0.0033U	<0.0037U	<0.006U

Well ID	Same Name	Sample Date	Lab Report	Aluminum (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury (Filtered)	Nickel (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silver (Filtered)	Sodium (Filtered)	Thallium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)
				Metals													Metals									
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.053	0.0034	0.01	0.2	0.00033	0.00028	5	0.0019	0.00055	0.0091	0.1	0.0029	5	0.015	0.00013	0.0015	5	0.0036	0.00085	5	0.0033	0.0037	0.006
NY_TOGS				2	0.006	0.05	2	0.003	0.01		0.1		1	0.6	0.05	35	0.6	0.0014	0.2		0.02	0.1		0.0005		5
MW-48	MW-48	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-49	DUP-04	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-49	MW-49	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-50I	SSHS-RI-MW-50I	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-50S	SSHS-RI-MW-50S	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-51	DUP-05	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-51	SSHS-RI-MW-51	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-52	SSHS-RI-MW-52	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-53	MW-53	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-54	MW-54	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-55	MW-55	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-56	MW-56	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-57	MW-57	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-58	MW-58	2/21/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-59I	MW-59I	2/19/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-59S	MW-59S	2/19/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-60	MW-60	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-61	MW-61	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-62	MW-62	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-63I	MW-63I	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-63S	MW-63S	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-64I	MW-64I	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-64S	MW-64S	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-65	MW-65	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-66I	MW-66I	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-66S	MW-66S	2/19/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

EQL - Estimated Quantitation Limit
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 indicated
mg/L - milligrams per liter

Analyze concentrations detected above NY TOGS are presented in light gray.

TABLE 3
SVOCs and TPH-DRO in Groundwater
Former Sperry Remington - North Portion
Elmira, New York

				PAH/Phenols																	
				PAHs (Sum of total)	1,1-Biphenyl	1,2,4,5-tetrachlorobenzene	1,4-Dioxane	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,4-Dinitrotoluene	2,6-dinitrotoluene	2-chloronaphthalene	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitroaniline	2-nitrophenol
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL					0.048	0.042	0.16	0.036	0.049	0.055	0.041	0.033	1.2	0.041	0.048	0.048	0.052	0.05	0.24	0.44	0.049
NY_TOGS											1	1	1	5	5	10				5	
Field_ID	**LocCode**	**Sampled_Date-Time**	**Lab_Report_Number**																		
MW-48	MW-48	2/17/2021	180-117387-1	<0.832	<0.048U	<0.042U	<0.16U	<0.036U	<0.049U	<0.055U	<0.041U	<0.033U	<1.2U	<0.041U	<0.048U	<0.048U	<0.052U	<0.05U	<0.24U	<0.44U	<0.049U
MW-49	MW-49	2/17/2021	180-117387-1	<0.832	<0.048U	<0.042U	<0.16U	<0.036U	<0.049U	<0.055U	<0.041U	<0.033U	<1.2U	<0.041U	<0.048U	<0.048U	<0.052U	<0.05U	<0.24U	<0.44U	<0.049U
SSHS-RI-MW-50I	MW-50I	2/12/2021	180-117176-1	<0.955	<0.055U	<0.048U	<0.18U	<0.042U	<0.056U	<0.063U	<0.047U	<0.038U	<1.4U	<0.047U	<0.056U	<0.055U	<0.059U	<0.057U	<0.28U	<0.51U	<0.056U
SSHS-RI-MW-50S	MW-50S	2/12/2021	180-117176-1	<0.922	<0.053U	<0.046U	<0.17U	<0.04U	<0.054U	<0.061U	<0.046U	<0.037U	<1.4U	<0.046U	<0.054U	<0.053U	<0.057U	<0.055U	<0.27U	<0.49U	<0.054U
SSHS-RI-MW-51	MW-51	2/12/2021	180-117176-1	<0.955	<0.055U	<0.048U	<0.18U	<0.042U	<0.056U	<0.063U	<0.047U	<0.038U	<1.4U	<0.047U	<0.056U	<0.055U	<0.059U	<0.057U	<0.28U	<0.51U	<0.056U
SSHS-RI-MW-52	MW-52	2/12/2021	180-117176-1	<0.955	<0.055U	<0.048U	<0.18U	<0.042U	<0.056U	<0.063U	<0.047U	<0.038U	<1.4U	<0.047U	<0.056U	<0.055U	<0.059U	<0.057U	<0.28U	<0.51U	<0.056U
MW-53	MW-53	2/17/2021	180-117387-1	0.4645	<0.049U,F1	<0.043U,F1	<0.16U	<0.038U,F1	<0.051U,F1	<0.057U,F1	<0.043U,F1	<0.034U,F1	<1.3U,F1	<0.043U,F1	<0.05U,F1	<0.049U,F1	<0.053U,F1	<0.052U,F1	<0.25U,F1	<0.46U,F1	<0.051U,F1
MW-54	MW-54	2/16/2021	180-117390-1	<0.861	<0.049U	<0.043U	<0.16U	<0.038U	<0.051U	<0.057U	<0.043U	<0.034U	<1.3U	<0.043U	<0.05U	<0.049U	<0.053U	<0.052U	<0.25U	<0.46U	<0.051U
MW-54	MW-54	2/25/2021	180-117621-1	-	-	-	<0.17U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-55	MW-55	2/16/2021	180-117390-1	<0.832	<0.048U	<0.042U	<0.16U	<0.036U	<0.049U	<0.055U	<0.041U	<0.033U	<1.2U	<0.041U	<0.048U	<0.048U	<0.052U	<0.05U	<0.24U	<0.44U	<0.049U
MW-55	MW-55	2/24/2021	180-117542-1	-	-	-	<43U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-56	MW-56	2/17/2021	180-117387-1	<0.832	<0.048U	<0.042U	<0.16U	<0.036U	<0.049U	<0.055U	<0.041U	<0.033U	<1.2U	<0.041U	<0.048U	<0.048U	<0.052U	<0.05U	<0.24U	<0.44U	<0.049U
MW-57	MW-57	2/18/2021	180-117476-1	<0.861	<0.049U	<0.043U	<0.16U	<0.038U	<0.051U	<0.057U	<0.043U	<0.034U	<1.3U	<0.043U	<0.05U	<0.049U	<0.053U	<0.052U	<0.25U	<0.46U	<0.051U
MW-58	MW-58	2/21/2021	180-117476-1	<0.889	<0.051U,F1	<0.045U,F1	<0.17U	<0.039U	<0.053U	<0.059U,F1	<0.044U,F1	<0.035U,F1	<1.3U	<0.044U	<0.052U	<0.051U,F1	<0.055U,F1	<0.053U,F1	<0.26U,F1	<0.47U	<0.053U,F1
MW-59I	MW-59I	2/19/2021	180-117476-1	<0.922	<0.053U	<0.046U	<0.17U	<0.04U	<0.054U	<0.061U	<0.046U	<0.037U	<1.4U	<0.046U	<0.054U	<0.053U	<0.057U	<0.055U	<0.27U	<0.49U	<0.054U
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.889	<0.051U	<0.045U	<0.17U	<0.039U	<0.053U	<0.059U	<0.044U	<0.035U	<1.3U	<0.044U	<0.052U	<0.051U	<0.055U	<0.053U	<0.26U	<0.47U	<0.053U
MW-60	MW-60	2/18/2021	180-117476-1	<0.922	<0.053U	<0.046U	<0.17U	<0.04U	<0.054U	<0.061U	<0.046U	<0.037U	<1.4U	<0.046U	<0.054U	<0.053U	<0.057U	<0.055U	<0.27U	<0.49U	<0.054U
MW-61	MW-61	2/16/2021	180-117390-1	<0.832	<0.048U	<0.042U	<0.16U	<0.036U	<0.049U	<0.055U	<0.041U	<0.033U	<1.2U	<0.041U	<0.048U	<0.048U	<0.052U	<0.05U	<0.24U	<0.44U	<0.049U
MW-61	MW-61	2/25/2021	180-117621-1	-	-	-	<0.17U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-62	MW-62	2/16/2021	180-117390-1	<0.832	<0.048U,F1	<0.042U,F1	<0.16U	<0.036U,F1	<0.049U,F1	<0.055U,F1	<0.041U,F1	<0.033U,F1,F2	<1.2U	<0.041U,F1	<0.048U	<0.048U,F1	<0.052U,F1	<0.05U,F1	<0.24U,F1	<0.44U,F2	<0.049U,F1
MW-62	MW-62	2/24/2021	180-117542-1	-	-	-	<43U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-63I	MW-63I	2/18/2021	180-117476-1	<0.889	<0.051U	<0.045U	<0.17U	<0.039U	<0.053U	<0.059U	<0.044U	<0.035U	<1.3U	<0.044U	<0.052U	<0.051U	<0.055U	<0.053U	<0.26U	<0.47U	<0.053U
MW-63S	MW-63S	2/18/2021	180-117476-1	<0.861	<0.049U	<0.043U	<0.16U	<0.038U	<0.051U	<0.057U	<0.043U	<0.034U	<1.3U	<0.043U	<0.05U	<0.049U	<0.053U	<0.052U	<0.25U	<0.46U	<0.051U
MW-64I	MW-64I	2/20/2021	180-117476-1	0.547	<0.055U	<0.048U	<0.18U	<0.042U	<0.056U	<0.063U	<0.047U	<0.038U	<1.4U	<0.047U	<0.056U	<0.055U	<0.059U	<0.057U	<0.28U	<0.51U	<0.056U
MW-64S	MW-64S	2/20/2021	180-117476-1	<0.992	<0.057U	<0.05U	<0.17U	<0.043U	<0.059U	<0.065U	<0.049U	<0.039U	<1.5U	<0.049U	<0.058U	<0.057U	<0.062U	<0.06U	<0.29U	<0.53U	<0.059U
MW-65	MW-65	2/20/2021	180-117476-1	0.486	<0.051U	<0.045U	<0.17U	<0.039U	<0.053U	<0.059U	<0.044U	<0.035U	<1.3U	<0.044U	<0.052U	<0.051U	<0.055U	<0.053U	<0.26U	<0.47U	<0.053U
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.992	<0.057U	<0.05U	<0.19U	<0.043U	<0.059U	<0.065U	<0.049U	<0.039U	<1.5U	<0.049U	<0.058U	<0.057U	<0.062U	<0.06U	<0.29U	<0.53U	<0.059U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.955	<0.055U	<0.048U	<0.18U	<0.042U	<0.056U	<0.063U	<0.047U	<0.038U	<1.4U	<0.047U	<0.056U	<0.055U	<0.059U	<0.057U	<0.28U	<0.51U	<0.056U

Notes:
EQL - Estimated Quantitation Limit
SVOCs - Semivolatile Organic Compounds
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 indicated
F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits
mg/L - milligrams per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

TABLE 3
SVOCs and TPH-DRO in Groundwater
Former Sperry Remington - North Portion
Elmira, New York

																					SVOCs
				3,3-Dichlorobenzidine	3-nitroaniline	4,6-Dinitro-2-methylphenol	4-bromophenyl phenyl ether	4-chloro-3-methylphenol	4-chloroaniline	4-chlorophenyl phenyl ether	4-methylphenol	4-nitroaniline	4-nitrophenol	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benz(a)anthracene	Benzaldehyde	Benzo(a) pyrene	Benzo(b)fluoranthene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.47	0.054	1.2	0.051	0.049	0.035	0.049	0.3	0.047	0.11	0.052	0.052	0.05	0.04	0.51	0.06	0.09	0.043	0.078
NY_TOGS				5	5				5			5		20			50		0.002			0.002
Field_ID	**LocCode**	**Sampled_Date-Time**	**Lab_Report_Number**																			
MW-48	MW-48	2/17/2021	180-117387-1	<0.47U	<0.054U	<1.2U	<0.051U	<0.049U	<0.035U	<0.049U	<0.3U	<0.047U	<0.11U	<0.052U	<0.052U	<0.05U	<0.04U	<0.51U	<0.06U	<0.09U	<0.043U	<0.078U
MW-49	MW-49	2/17/2021	180-117387-1	<0.47U	<0.054U	<1.2U	<0.051U	<0.049U	<0.035U	<0.049U	<0.3U	<0.047U	<0.11U	<0.052U	<0.052U	<0.05U	<0.04U	<0.51U	<0.06U	<0.09U	<0.043U	<0.078U
SSHS-RI-MW-50I	MW-50I	2/12/2021	180-117176-1	<0.54U	<0.062U	<1.4U	<0.058U	<0.056U	<0.041U	<0.056U	<0.34U	<0.054U	<0.13U	<0.06U	<0.06U	<0.057U	<0.045U	<0.59U	<0.069U	<0.1U	<0.049U	<0.09U
SSHS-RI-MW-50S	MW-50S	2/12/2021	180-117176-1	<0.52U	<0.06U	<1.3U	<0.056U	<0.054U	<0.039U	<0.054U	<0.33U	<0.052U	<0.13U	<0.058U	<0.058U	<0.055U	<0.044U	<0.57U	<0.067U	<0.099U	<0.047U	<0.087U
SSHS-RI-MW-51	MW-51	2/12/2021	180-117176-1	<0.54U	<0.062U	<1.4U	<0.058U	<0.056U	<0.041U	<0.056U	<0.34U	<0.054U	<0.13U	<0.06U	<0.06U	<0.057U	<0.045U	<0.59U	<0.069U	<0.1U	<0.049U	<0.09U
SSHS-RI-MW-52	MW-52	2/12/2021	180-117176-1	<0.54U	<0.062U	<1.4U	<0.058U	<0.056U	<0.041U	<0.056U	<0.34U	<0.054U	<0.13U	<0.06U	<0.06U	<0.057U	<0.045U	<0.59U	<0.069U	<0.1U	<0.049U	<0.09U
MW-53	MW-53	2/17/2021	180-117387-1	<0.49U,F1	<0.056U,F1	<1.2U,F1	<0.053U,F1	<0.051U,F1	<0.037U,F1	<0.051U,F1	<0.31U,F1	<0.048U,F1	<0.12U	<0.054U,F1	<0.054U,F1	<0.052U,F1	<0.041U,F1	<0.53U,F1	<0.063U,F1	<0.093U	<0.044U,F1	<0.081U,F1
MW-54	MW-54	2/16/2021	180-117390-1	<0.49U	<0.056U	<1.2U	<0.053U	<0.051U	<0.037U	<0.051U	<0.31U	<0.048U	<0.12U	<0.054U	<0.054U	<0.052U	<0.041U	<0.53U	<0.063U	<0.093U	<0.044U	<0.081U
MW-54	MW-54	2/25/2021	180-117621-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-55	MW-55	2/16/2021	180-117390-1	<0.47U	<0.054U	<1.2U	<0.051U	<0.049U	<0.035U	<0.049U	<0.3U	<0.047U	<0.11U	<0.052U	<0.052U	<0.05U	<0.04U	<0.51U	<0.06U	<0.09U	<0.043U	<0.078U
MW-55	MW-55	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-56	MW-56	2/17/2021	180-117387-1	<0.47U	<0.054U	<1.2U	<0.051U	<0.049U	<0.035U	<0.049U	<0.3U	<0.047U	<0.11U	<0.052U	<0.052U	<0.05U	<0.04U	<0.51U	<0.06U	<0.09U	<0.043U	<0.078U
MW-57	MW-57	2/18/2021	180-117476-1	<0.49U	<0.056U	<1.2U	<0.053U	<0.051U	<0.037U	<0.051U	<0.31U	<0.048U	<0.12U	<0.054U	<0.054U	<0.052U	<0.041U	<0.53U	<0.063U	<0.093U	<0.044U	<0.081U
MW-58	MW-58	2/21/2021	180-117476-1	<0.5U,F1	<0.058U,F1	<1.3U	<0.054U,F1	<0.053U,F1	<0.038U,F1	<0.053U,F1	<0.32U,F1	<0.05U,F1	<0.12U	<0.056U,F1	<0.056U,F1	<0.053U,F1	<0.042U	<0.55U	<0.065U	<0.096U	<0.046U,F1	<0.084U,F1
MW-59I	MW-59I	2/19/2021	180-117476-1	<0.52U	<0.06U	<1.3U	<0.056U	<0.054U	<0.039U	<0.054U	<0.33U	<0.052U	<0.13U	<0.058U	<0.058U	<0.055U	<0.044U	<0.57U	<0.067U	<0.099U	<0.047U	<0.087U
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.5U	<0.058U	<1.3U	<0.054U	<0.053U	<0.038U	<0.053U	<0.32U	<0.05U	<0.12U	<0.056U	<0.056U	<0.053U	<0.042U	<0.55U	<0.065U	<0.096U	<0.046U	<0.084U
MW-60	MW-60	2/18/2021	180-117476-1	<0.52U	<0.06U	<1.3U	<0.056U	<0.054U	<0.039U	<0.054U	<0.33U	<0.052U	<0.13U	<0.058U	<0.058U	<0.055U	<0.044U	<0.57U	<0.067U	<0.099U	<0.047U	<0.087U
MW-61	MW-61	2/16/2021	180-117390-1	<0.47U	<0.054U	<1.2U	<0.051U	<0.049U	<0.035U	<0.049U	<0.3U	<0.047U	<0.11U	<0.052U	<0.052U	<0.05U	<0.04U	<0.51U	<0.06U	<0.09U	<0.043U	<0.078U
MW-61	MW-61	2/25/2021	180-117621-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-62	MW-62	2/16/2021	180-117390-1	<0.47U,F1	<0.054U,F1	<1.2U	<0.051U,F1	<0.049U,F1	<0.035U,F1	<0.049U,F1	<0.3U,F1	<0.047U	<0.11U	<0.052U,F1	<0.052U,F1	<0.05U,F1	<0.04U,F1	<0.51U	<0.06U,F1	<0.09U	<0.043U,F1	<0.078U,F1
MW-62	MW-62	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-63I	MW-63I	2/18/2021	180-117476-1	<0.5U	<0.058U	<1.3U	<0.054U	<0.053U	<0.038U	<0.053U	<0.32U	<0.05U	<0.12U	<0.056U	<0.056U	<0.053U	<0.042U	<0.55U	<0.065U	<0.096U	<0.046U	<0.084U
MW-63S	MW-63S	2/18/2021	180-117476-1	<0.49U	<0.056U	<1.2U	<0.053U	<0.051U	<0.037U	<0.051U	<0.31U	<0.048U	<0.12U	<0.054U	<0.054U	<0.052U	<0.041U	<0.53U	<0.063U	<0.093U	<0.044U	<0.081U
MW-64I	MW-64I	2/20/2021	180-117476-1	<0.54U	<0.062U	<1.4U	<0.058U	<0.056U	<0.041U	<0.056U	<0.34U	<0.054U	<0.13U	<0.06U	<0.06U	<0.057U	<0.045U	<0.59U	<0.069U	<0.1U	<0.049U	<0.09U
MW-64S	MW-64S	2/20/2021	180-117476-1	<0.56U	<0.064U	<1.4U	<0.061U	<0.059U	<0.042U	<0.059U	<0.36U	<0.056U	<0.14U	<0.063U	<0.063U	<0.06U	<0.047U	<0.61U	<0.072U	<0.11U	<0.051U	<0.093U
MW-65	MW-65	2/20/2021	180-117476-1	<0.5U	<0.058U	<1.3U	<0.054U	<0.053U	<0.038U	<0.053U	<0.32U	<0.05U	<0.12U	<0.056U	<0.056U	<0.053U	<0.042U	<0.55U	<0.065U	<0.096U	<0.046U	<0.084U
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.56U	<0.064U	<1.4U	<0.061U	<0.059U	<0.042U	<0.059U	<0.36U	<0.056U	<0.14U	<0.063U	<0.063U	<0.06U	<0.047U	<0.61U	<0.072U	<0.11U	<0.051U	<0.093U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.54U	<0.062U	<1.4U	<0.058U	<0.056U	<0.041U	<0.056U	<0.34U	<0.054U	<0.13U	<0.06U	<0.06U	<0.057U	<0.045U	<0.59U	<0.069U	<0.1U	<0.049U	<0.09U

Notes:
EQL - Estimated Quantitation Limit
SVOCs - Semivolatile Organic Compounds
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 indicated
F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits
mg/L - milligrams per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

TABLE 3
SVOCs and TPH-DRO in Groundwater
Former Sperry Remington - North Portion
Elmira, New York

				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.056	0.071	0.054	0.032	0.047	5	0.37	0.38	0.041	0.065	0.058	0.059	0.46	0.045	0.62	0.55	0.048	0.056	0.045
NY_TOGS					0.002	5	1	5	5	50			0.002			50	50	50	50	50	50	0.04
Field_ID	**LocCode**	**Sampled_Date-Time**	**Lab_Report_Number**																			
MW-48	MW-48	2/17/2021	180-117387-1	<0.056U	<0.071U	<0.054U	<0.032U	<0.047U	<5U	<0.37U	<0.38U	<0.041U	<0.065U	<0.058U	<0.059U	<0.46U	<0.045U	0.65J	<0.55U	<0.048U	<0.056U	<0.045U
MW-49	MW-49	2/17/2021	180-117387-1	<0.056U	<0.071U	<0.054U	<0.032U	<0.047U	<5U	<0.37U	<0.38U	<0.041U	<0.065U	<0.058U	<0.059U	<0.46U	<0.045U	1.5	<0.55U	<0.048U	<0.056U	<0.045U
SSHS-RI-MW-50I	MW-50I	2/12/2021	180-117176-1	<0.064U	<0.081U	<0.062U	<0.037U	<0.054U	<5.8U	<0.43U	<0.44U	<0.047U	<0.075U	<0.067U	<0.068U	<0.53U	<0.052U	1.5	<0.63U	<0.056U	<0.064U	<0.052U
SSHS-RI-MW-50S	MW-50S	2/12/2021	180-117176-1	<0.062U	<0.079U	<0.06U	<0.036U	<0.052U	<5.6U	<0.41U	<0.42U	<0.046U	<0.072U	<0.064U	<0.065U	<0.51U	<0.05U	0.85J	<0.61U	<0.054U	<0.062U	<0.05U
SSHS-RI-MW-51	MW-51	2/12/2021	180-117176-1	<0.064U	<0.081U	<0.062U	<0.037U	<0.054U	<5.8U	<0.43U	<0.44U	<0.047U	<0.075U	<0.067U	<0.068U	0.57J	<0.052U	<0.69U	<0.63U	<0.056U	<0.064U	<0.052U
SSHS-RI-MW-52	MW-52	2/12/2021	180-117176-1	<0.064U	<0.081U	<0.062U	<0.037U	<0.054U	<5.8U	<0.43U	<0.44U	<0.047U	<0.075U	<0.067U	<0.068U	<0.53U	<0.052U	<0.69U	<0.63U	<0.056U	<0.064U	<0.052U
MW-53	MW-53	2/17/2021	180-117387-1	<0.058U,F1	<0.073U,F1	<0.056U,F1	<0.033U,F1	<0.048U,F1	<5.2U	<0.39U	<0.39U,F1	<0.043U,F1	<0.068U,F1	<0.06U,F1	<0.061U,F1	<0.47U,F1	<0.047U,F1	1.4F1	<0.57U	0.059J,F1	<0.058U,F1	<0.047U,F1
MW-54	MW-54	2/16/2021	180-117390-1	<0.058U	<0.073U	<0.056U	<0.033U	<0.048U	<5.2U	<0.39U	<0.39U	<0.043U	<0.068U	<0.06U	<0.061U	1.5	<0.047U	0.99	<0.57U	<0.05U	<0.058U	<0.047U
MW-54	MW-54	2/25/2021	180-117621-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-55	MW-55	2/16/2021	180-117390-1	<0.056U	<0.071U	<0.054U	<0.032U	<0.047U	<5U	<0.37U	<0.38U	<0.041U	<0.065U	<0.058U	<0.059U	0.7J	<0.045U	0.99	<0.55U	<0.048U	<0.056U	<0.045U
MW-55	MW-55	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-56	MW-56	2/17/2021	180-117387-1	<0.056U	<0.071U	<0.054U	<0.032U	<0.047U	<5U	<0.37U	<0.38U	<0.041U	<0.065U	<0.058U	<0.059U	<0.46U	<0.045U	1.4	<0.55U	<0.048U	<0.056U	<0.045U
MW-57	MW-57	2/18/2021	180-117476-1	<0.058U	<0.073U	<0.056U	<0.033U	<0.048U	<5.2U	<0.39U	<0.39U	<0.043U	<0.068U	<0.06U	<0.061U	<0.47U	<0.047U	1.3	<0.57U	<0.05U	<0.058U	<0.047U
MW-58	MW-58	2/21/2021	180-117476-1	<0.059U	<0.076U,F1	<0.058U,F1	<0.034U,F1	<0.05U,F1	<5.4U	2.4F1	<0.41U	<0.044U	<0.07U,F1	<0.062U	<0.063U,F1	<0.49U	<0.048U,F1	1.9F1	<0.59U	<0.052U	<0.059U	<0.048U,F1
MW-59I	MW-59I	2/19/2021	180-117476-1	<0.062U	<0.079U	<0.06U	<0.036U	<0.052U	<5.6U	0.52J	<0.42U	<0.046U	<0.072U	<0.064U	<0.065U	<0.51U	<0.05U	0.88J	<0.61U	<0.054U	<0.062U	<0.05U
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.059U	<0.076U	<0.058U	<0.034U	<0.05U	<5.4U	0.55J	<0.41U	<0.044U	<0.07U	<0.062U	<0.063U	<0.49U	<0.048U	1.2	<0.59U	<0.052U	<0.059U	<0.048U
MW-60	MW-60	2/18/2021	180-117476-1	<0.062U	<0.079U	<0.06U	<0.036U	<0.052U	<5.6U	0.57J	<0.42U	<0.046U	<0.072U	<0.064U	<0.065U	<0.51U	<0.05U	0.77J	<0.61U	<0.054U	<0.062U	<0.05U
MW-61	MW-61	2/16/2021	180-117390-1	<0.056U	<0.071U	<0.054U	<0.032U	<0.047U	<5U	<0.37U	<0.38U	<0.041U	<0.065U	<0.058U	<0.059U	1.7	<0.045U	1.3	<0.55U	<0.048U	<0.056U	<0.045U
MW-61	MW-61	2/25/2021	180-117621-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-62	MW-62	2/16/2021	180-117390-1	<0.056U	<0.071U	<0.054U,F1	<0.032U,F1	<0.047U,F2	<5U,F2	<0.37U,F2	<0.38U,F1	<0.041U	<0.065U,F1	<0.058U,F1	<0.059U,F1	2.5	<0.045U	1F1	<0.55U,F2	<0.048U,F1	<0.056U,F1	<0.045U,F1,F2
MW-62	MW-62	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-63I	MW-63I	2/18/2021	180-117476-1	<0.059U	<0.076U	<0.058U	<0.034U	<0.05U	<5.4U	0.51J	<0.41U	<0.044U	<0.07U	<0.062U	<0.063U	<0.49U	<0.048U	<0.64U	<0.59U	<0.052U	<0.059U	<0.048U
MW-63S	MW-63S	2/18/2021	180-117476-1	<0.058U	<0.073U	<0.056U	<0.033U	<0.048U	<5.2U	0.71J	<0.39U	<0.043U	<0.068U	<0.06U	<0.061U	<0.47U	<0.047U	1.3	<0.57U	<0.05U	<0.058U	<0.047U
MW-64I	MW-64I	2/20/2021	180-117476-1	<0.064U	<0.081U	<0.062U	<0.037U	<0.054U	<5.8U	0.52J	<0.44U	<0.047U	<0.075U	<0.067U	<0.068U	<0.53U	<0.052U	0.73J	<0.63U	<0.056U	<0.064U	<0.052U
MW-64S	MW-64S	2/20/2021	180-117476-1	<0.066U	<0.085U	<0.064U	<0.038U	<0.056U	<6U	0.55J	<0.45U	<0.049U	<0.078U	<0.069U	<0.07U	<0.55U	<0.054U	0.74J	<0.66U	<0.058U	<0.066U	<0.054U
MW-65	MW-65	2/20/2021	180-117476-1	<0.059U	<0.076U	<0.058U	<0.034U	<0.05U	<5.4U	1	<0.41U	<0.044U	<0.07U	<0.062U	<0.063U	<0.49U	<0.048U	1.3	<0.59U	<0.052U	<0.059U	<0.048U
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.066U	<0.085U	<0.064U	<0.038U	<0.056U	<6U	<0.44U	<0.45U	<0.049U	<0.078U	<0.069U	<0.07U	<0.55U	<0.054U	<0.71U	<0.66U	<0.058U	<0.066U	<0.054U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.064U	<0.081U	<0.062U	<0.037U	<0.054U	<5.8U	0.52J	<0.44U	<0.047U	<0.075U	<0.067U	<0.068U	<0.53U	<0.052U	0.72J	<0.63U	<0.056U	<0.064U	<0.052U

Notes:
EQL - Estimated Quantitation Limit
SVOCs - Semivolatile Organic Compounds
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 indicated
F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits
mg/L - milligrams per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

TABLE 3
SVOCs and TPH-DRO in Groundwater
Former Sperry Remington - North Portion
Elmira, New York

				Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-c,d)pyrene	Isophorone	Naphthalene	Nitrobenzene	N-nitrosodi-n-propylamine	n-Nitrosodiphenylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	TPH-Diesel Range Organics
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL				0.056	0.4	0.05	0.069	0.044	0.048	0.4	0.057	0.096	0.68	0.044	0.39	0.044	0.23
NY_TOGS				0.5	5	5	0.002	50	10	0.4		50	1	50	1	50	
Field_ID	**LocCode**	**Sampled_Date-Time**	**Lab_Report_Number**														
MW-48	MW-48	2/17/2021	180-117387-1	<0.056U	<0.4U	<0.05U	<0.069U	<0.044U	<0.048U	<0.4U	<0.057U	<0.096U	<0.68U	<0.044U	<0.39U	<0.044U	<0.23U
MW-49	MW-49	2/17/2021	180-117387-1	<0.056U	<0.4U	<0.05U	<0.069U	<0.044U	<0.048U	<0.4U	<0.057U	<0.096U	<0.68U	<0.044U	<0.39U	<0.044U	<0.23U
SSHS-RI-MW-50I	MW-50I	2/12/2021	180-117176-1	<0.064U	<0.46U	<0.057U	<0.079U	<0.05U	<0.055U	<0.46U	<0.066U	<0.11U	<0.78U	<0.051U	<0.45U	<0.05U	<0.23U
SSHS-RI-MW-50S	MW-50S	2/12/2021	180-117176-1	<0.062U	<0.44U	<0.055U	<0.076U	<0.048U	<0.053U	<0.45U	<0.063U	<0.11U	<0.76U	<0.049U	<0.43U	<0.048U	<0.23U
SSHS-RI-MW-51	MW-51	2/12/2021	180-117176-1	<0.064U	<0.46U	<0.057U	<0.079U	<0.05U	<0.055U	<0.46U	<0.066U	<0.11U	<0.78U	<0.051U	<0.45U	<0.05U	<0.23U
SSHS-RI-MW-52	MW-52	2/12/2021	180-117176-1	<0.064U	<0.46U	<0.057U	<0.079U	<0.05U	<0.055U	<0.46U	<0.066U	<0.11U	<0.78U	<0.051U	<0.45U	<0.05U	<0.23U
MW-53	MW-53	2/17/2021	180-117387-1	<0.058U,F1	<0.41U,F1	<0.052U,F1	<0.071U,F1	<0.045U,F1	<0.049U,F1	<0.42U,F1	<0.059U,F1	<0.099U,F1	<0.71U,F1	<0.046U,F1	<0.41U,F1	<0.045U,F1	<0.23U
MW-54	MW-54	2/16/2021	180-117390-1	<0.058U	<0.41U	<0.052U	<0.071U	<0.045U	<0.049U	<0.42U	<0.059U	<0.099U	<0.71U	<0.046U	<0.41U	<0.045U	<0.23U
MW-54	MW-54	2/25/2021	180-117621-1	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.23U
MW-55	MW-55	2/16/2021	180-117390-1	<0.056U	<0.4U	<0.05U	<0.069U	<0.044U	<0.048U	<0.4U	<0.057U	<0.096U	<0.68U	<0.044U	<0.39U	<0.044U	<0.23U
MW-55	MW-55	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.23U
MW-56	MW-56	2/17/2021	180-117387-1	<0.056U	<0.4U	<0.05U	<0.069U	<0.044U	<0.048U	<0.4U	<0.057U	<0.096U	<0.68U	<0.044U	<0.39U	<0.044U	<0.23U
MW-57	MW-57	2/18/2021	180-117476-1	<0.058U	<0.41U	<0.052U	<0.071U	<0.045U	<0.049U	<0.42U	<0.059U	<0.099U	<0.71U	<0.046U	<0.41U	<0.045U	0.24J
MW-58	MW-58	2/21/2021	180-117476-1	<0.059U,F1	<0.43U,F1	<0.053U,F1	<0.073U	<0.047U,F1	<0.051U,F1	<0.43U,F1	<0.061U,F1	<0.1U,F1	<0.73U	<0.047U	<0.42U,F1	<0.047U,F1	1.4
MW-59I	MW-59I	2/19/2021	180-117476-1	<0.062U	<0.44U	<0.055U	<0.076U	<0.048U	<0.053U	<0.45U	<0.063U	<0.11U	<0.76U	<0.049U	<0.43U	<0.048U	<0.23U
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.059U	<0.43U	<0.053U	<0.073U	<0.047U	<0.051U	<0.43U	<0.061U	<0.1U	<0.73U	<0.047U	<0.42U	<0.047U	<0.23U
MW-60	MW-60	2/18/2021	180-117476-1	<0.062U	<0.44U	<0.055U	<0.076U	<0.048U	<0.053U	<0.45U	<0.063U	<0.11U	<0.76U	<0.049U	<0.43U	<0.048U	<0.23U
MW-61	MW-61	2/16/2021	180-117390-1	<0.056U	<0.4U	<0.05U	<0.069U	<0.044U	<0.048U	<0.4U	<0.057U	<0.096U	<0.68U	<0.044U	<0.39U	<0.044U	<0.23U
MW-61	MW-61	2/25/2021	180-117621-1	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.23U
MW-62	MW-62	2/16/2021	180-117390-1	<0.056U,F1	<0.4U,F1	<0.05U,F1	<0.069U,F1	<0.044U,F1	<0.048U,F1	<0.4U,F1	<0.057U,F1,F2	<0.096U,F1	<0.68U	<0.044U,F1	<0.39U,F1	<0.044U,F1	<0.23U
MW-62	MW-62	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.23U
MW-63I	MW-63I	2/18/2021	180-117476-1	<0.059U	<0.43U	<0.053U	<0.073U	<0.047U	<0.051U	<0.43U	<0.061U	<0.1U	<0.73U	<0.047U	<0.42U	<0.047U	<0.23U
MW-63S	MW-63S	2/18/2021	180-117476-1	<0.058U	<0.41U	<0.052U	<0.071U	<0.045U	<0.049U	<0.42U	<0.059U	<0.099U	<0.71U	<0.046U	<0.41U	<0.045U	<0.23U
MW-64I	MW-64I	2/20/2021	180-117476-1	<0.064U	<0.46U	<0.057U	<0.079U	<0.05U	<0.055U	<0.46U	<0.066U	<0.11U	<0.78U	0.095J	<0.45U	<0.05U	<0.23U
MW-64S	MW-64S	2/20/2021	180-117476-1	<0.066U	<0.48U	<0.06U	<0.082U	<0.052U	<0.057U	<0.48U	<0.068U	<0.11U	<0.81U	<0.053U	<0.47U	<0.052U	<0.23U
MW-65	MW-65	2/20/2021	180-117476-1	<0.059U	<0.43U	<0.053U	<0.073U	<0.047U	<0.051U	<0.43U	<0.061U	<0.1U	<0.73U	0.065J	<0.42U	<0.047U	<0.23U
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.066U	<0.48U	<0.06U	<0.082U	<0.052U	<0.057U	<0.48U	<0.068U	<0.11U	<0.81U	<0.053U	<0.47U	<0.052U	<0.23U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.064U	<0.46U	<0.057U	<0.079U	<0.05U	<0.055U	<0.46U	<0.066U	<0.11U	<0.78U	<0.051U	<0.45U	<0.05U	<0.23U

Notes:
EQL - Estimated Quantitation Limit
SVOCs - Semivolatile Organic Compounds
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 indicated
F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits
mg/L - milligrams per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

Table 4
VOCs in Groundwater

Former Sperry Remington - North Portion
Elmira, New York

				VOCs																											
				1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dibromo-3-chloropropane	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-Dichloroethene	1,2-dichloropropane	1,3-dichlorobenzene	1,4-dichlorobenzene	1,4-Dioxane	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.6	0.6	0.45	0.31	0.55	1.1	0.77	0.89	0.5	0.36	0.57	1.3	0.66	0.5	0.54	43	3.3	3.1	3.4	0.6	0.63	0.64	0.98	0.89	0.88	0.88	0.5	0.84	0.9
NY_TOGS				5	5	1	5	5		5			3	0.6		1	3	3		50		50	1		50	50	5	60	5	5	50	5
Well ID	**Same Name**	**Sample Date**	**Lab Report**																												
MW-48	MW-48	2/17/2021	180-117387-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-49	DUP-04	2/17/2021	180-117387-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-49	MW-49	2/17/2021	180-117387-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-50I	SSHS-RI-MW-50I	2/12/2021	180-117176-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U,*+	<0.98U	<0.89U,*+	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U,*+
MW-50S	SSHS-RI-MW-50S	2/12/2021	180-117176-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-51	DUP-05	2/12/2021	180-117176-1	<6 - 3.7U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<13 - 2.8U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-51	SSHS-RI-MW-51	2/12/2021	180-117176-1	<6 - 4.1U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<13 - 2.8U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U,*+	<0.98U	<0.89U,*+	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U,*+
MW-52	SSHS-RI-MW-52	2/12/2021	180-117176-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U,*+	<0.98U	<0.89U,*+	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U,*+
MW-53	MW-53	2/17/2021	180-117387-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,F2,F1,*+	<0.77U,F2	<0.89U,F2,F1	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U,F2	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-54	MW-54	2/25/2021	180-117621-1	<0.6U	<0.6U	<0.45U,*+	<0.31U	<0.55U	<1.1U,*+	<0.77U,*+	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<0.17U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U,*+	<0.64U	<0.98U	<0.89U,*+	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U,*+
MW-55	MW-55	2/24/2021	180-117542-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-56	MW-56	2/17/2021	180-117387-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-57	MW-57	2/18/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-58	MW-58	2/21/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-59I	MW-59I	2/19/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-59S	MW-59S	2/19/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-60	MW-60	2/18/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-61	MW-61	2/25/2021	180-117621-1	<0.6U	<0.6U	<0.45U,*+	<0.31U	<0.55U	<1.1U,*+	<0.77U,*+	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<0.17U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U,*+	<0.64U	<0.98U	<0.89U,*+	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U,*+
MW-62	MW-62	2/24/2021	180-117542-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,F1,*+,F2	<0.77U,F1,F2	<0.89U,*+,F1	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-63I	MW-63I	2/18/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-63S	MW-63S	2/18/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-64I	MW-64I	2/20/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-64S	MW-64S	2/20/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-65	MW-65	2/20/2021	180-117476-1	<0.6U	<0.6U	<0.45U,*+	<0.31U	<0.55U	<1.1U,*+	<0.77U,*+	<0.89U	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U,*+	<0.64U	<0.98U	<0.89U,*+	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U,*+
MW-66I	MW-66I	2/20/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.6U	<0.6U	<0.45U	<0.31U	<0.55U	<1.1U,*+	<0.77U	<0.89U,*+	<0.5U	<0.36U	<0.57U	<1.3U	<0.66U	<0.5U	<0.54U	<43U	<3.3U	<3.1U	<3.4U	<0.6U	<0.63U	<0.64U	<0.98U	<0.89U	<0.88U	<0.88U	<0.5U	<0.84U	<0.9U

Notes:
EQL - Estimated Quantitation Limit
VOCs - Volatile Organic Compounds
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 indicated
F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits
*+ - LCS and/or LCSD is outside acceptance limits, high biased
mg/L - milligrams per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

Table 4
VOCs in Groundwater

Former Sperry Remington - North Portion
Elmira, New York

															VOCs													
				Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Cyclohexane	Dichlorodifluoromethane	Dichloromethane	Ethylbenzene	Freon 113	Isopropylbenzene	Methyl acetate	Methyl Ethyl Ketone	Methylcyclohexane	Methyl-tert-butyl ether	Styrene	Tetrachloroethene	Toluene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylene (m)	Xylene (o)	Xylene (p)	Xylene Total
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL				0.6	0.9	0.71	0.59	0.63	0.83	0.89	0.51	0.86	0.34	1.7	2.6	0.61	0.59	0.47	0.47	0.46	0.67	0.58	0.69	0.87	0.41	0.48	0.41	0.48	0.89
NY_TOGS				7	5	5			5	5	5	5	5				10	930	5	5	5		5	5	2		5		5
Well ID	**Same Name**	**Sample Date**	**Lab Report**																										
MW-48	MW-48	2/17/2021	180-117387-1	<0.6U	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-49	DUP-04	2/17/2021	180-117387-1	0.61J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-49	MW-49	2/17/2021	180-117387-1	0.66J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-50I	SSHS-RI-MW-50I	2/12/2021	180-117176-1	0.94J	<0.9U	<0.71U	<0.59U,*+	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	0.63J	<0.46U	<0.67U	<0.58U	6.5	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-50S	SSHS-RI-MW-50S	2/12/2021	180-117176-1	0.69J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	1.9	<0.46U	<0.67U	<0.58U	4.4	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-51	DUP-05	2/12/2021	180-117176-1	<6 - 0.68J	<0.9U	<7.1 - 2.8U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	16 - 25	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<4.7 - 13U	<0.46U	<0.67U	<0.58U	52 - 110E	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-51	SSHS-RI-MW-51	2/12/2021	180-117176-1	<6 - 0.71J	<0.9U	<7.1 - 2.8U	<0.59U,*+	<0.63U	<0.83U	<0.89U	<0.51U	28 - 29	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	8 - 14J	<0.46U	<0.67U	<0.58U	75 - 120E	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-52	SSHS-RI-MW-52	2/12/2021	180-117176-1	0.81J	<0.9U	<0.71U	<0.59U,*+	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	0.65J	<0.46U	<0.67U	<0.58U	3.3	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-53	MW-53	2/17/2021	180-117387-1	<0.6U	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-54	MW-54	2/25/2021	180-117621-1	0.74J	<0.9U,*+	<0.71U	<0.59U	<0.63U,*+	<0.83U,*+	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U,*+	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U,*+	<0.48U	<0.41U	-	<0.89U
MW-55	MW-55	2/24/2021	180-117542-1	0.77J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-56	MW-56	2/17/2021	180-117387-1	0.7J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	-	<0.41U	<0.48U	<0.89U
MW-57	MW-57	2/18/2021	180-117476-1	0.87J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-58	MW-58	2/21/2021	180-117476-1	<0.6U	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-59I	MW-59I	2/19/2021	180-117476-1	1	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-59S	MW-59S	2/19/2021	180-117476-1	1.1	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	0.47J	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-60	MW-60	2/18/2021	180-117476-1	0.92J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-61	MW-61	2/25/2021	180-117621-1	<0.6U	<0.9U,*+	<0.71U	<0.59U	<0.63U,*+	<0.83U,*+	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U,*+	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U,*+	<0.48U	<0.41U	-	<0.89U
MW-62	MW-62	2/24/2021	180-117542-1	0.6J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-63I	MW-63I	2/18/2021	180-117476-1	1	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-63S	MW-63S	2/18/2021	180-117476-1	0.96J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-64I	MW-64I	2/20/2021	180-117476-1	0.6J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-64S	MW-64S	2/20/2021	180-117476-1	0.74J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	0.51J	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-65	MW-65	2/20/2021	180-117476-1	0.76J	<0.9U,*+	<0.71U	<0.59U	<0.63U,*+	<0.83U,*+	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	<0.47U,*+	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U,*+	<0.48U	<0.41U	-	<0.89U
MW-66I	MW-66I	2/20/2021	180-117476-1	0.72J	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	0.5J	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U
MW-66S	MW-66S	2/19/2021	180-117476-1	<0.6U	<0.9U	<0.71U	<0.59U	<0.63U	<0.83U	<0.89U	<0.51U	<0.86U	<0.34U	<1.7U	<2.6U	<0.61U	<0.59U	<0.47U	0.48J	<0.46U	<0.67U	<0.58U	<0.69U	<0.87U	<0.41U	<0.48U	<0.41U	-	<0.89U

Notes:
EQL - Estimated Quantitation Limit
VOCs - Volatile Organic Compounds
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 indicated
F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits
*+ - LCS and/or LCSD is outside acceptance limits, high biased
mg/L - milligrams per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

Table 5
PFAS in Groundwater

Former Sperry Remington - North Portion
Elmira, New York

				PFAS																						
				6:2 Fluorotelomer Sulfonate (6:2 FtS)	8:2-Fluorotelomersulfonic acid	NEtFOSAA	NMeFOSAA	Perfluorobutanesulfonic acid	Perfluorobutanoic acid	Perfluorodecanesulfonic acid	Perfluorodecanoic acid	Perfluorododecanoic acid	Perfluoroheptanesulfonic acid	Perfluoroheptanoic acid	Perfluorohexanesulfonic acid	Perfluorohexanoic acid	Perfluorononanoic acid	Perfluorooctanesulfonamide	Perfluorooctanesulfonic acid	Perfluorooctanoate	Perfluoropentanoic acid	Perfluorotetradecanoic acid	Perfluorotridecanoic acid	Perfluoroundecanoic acid	Total PFAS
				ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
EQL				2.3	0.42	1.2	1.1	0.19	2.2	0.29	0.28	0.5	0.17	1.8	1.8	0.6	0.25	0.9	1	1.8	1.8	0.67	1.2	1	1
NY_TOGS				100	100	100	100	100	100	100	100	100	100	100	100	100	10	100	10	100	100	100	100	100	500
Well ID	**Same Name**	**Sample Date**	**Lab Report**																						
MW-48	MW-48	2/17/2021	180-117387-1	<2.3U	<0.43U	<1.2U	<1.1U	3.5	2.8J	<0.3U	<0.29U	<0.51U	<0.18U	1.5J	1.8J	2.7	<0.25U	<0.91U	2.1	3.1	3.7	<0.68U	<1.2U	<1U	21.2
MW-49	DUP-04	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-49	MW-49	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-50I	SSHS-RI-MW-50I	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-50S	SSHS-RI-MW-50S	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-51	DUP-05	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-51	SSHS-RI-MW-51	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-52	SSHS-RI-MW-52	2/12/2021	180-117176-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-53	MW-53	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-54	MW-54	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-55	MW-55	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-55	MW-55	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-56	MW-56	2/17/2021	180-117387-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-57	MW-57	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-58	MW-58	2/21/2021	180-117476-1	<2.6U	<0.48U	<1.4U	<1.2U	3.1I	<2.5U	<0.33U	<0.32U	<0.57U	<0.2U	0.47J,I	1.1J	<0.6U	<0.28U	<1U	0.93J,I	1.1J	1.8J	<0.76U	<1.4U	<1.1U	8.5
MW-59I	MW-59I	2/19/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-59S	MW-59S	2/19/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-60	MW-60	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-61	MW-61	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-62	MW-62	2/16/2021	180-117390-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-62	MW-62	2/24/2021	180-117542-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-63I	MW-63I	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-63S	MW-63S	2/18/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-64I	MW-64I	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MW-64S	MW-64S	2/20/2021	180-117476-1	<2.3U	<0.42U	<1.2U	<1.1U	2.9	<2.2U	<0.29U	<0.28U	<0.5U	<0.17U	1.4J	1.2J	2.9	<0.25U	<0.9U	0.57J,I	2.9	3.8	<0.67U	<1.2U	<1U	15.67
MW-65	MW-65	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-66I	MW-66I	2/20/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-66S	MW-66S	2/19/2021	180-117476-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

EQL - Estimated Quantitation Limit
PFAS - Per- and Polyfluoroalkyl Substances
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 indicated
J+ - The analyte was positively identified; however, the associated numerical value is J- - Th e anal yte was positiv ely identified; howev er, the as sociated num erical value is F1 - MS and/or MSD Recovery is outside acceptance limits.
F2 - MS/MSD RPD exceeds control limits

*1 - LCS/LCSD RPD exceeds control limits
*3 - ISTD response or retention time oustide acceptable limits
*+ - LCS and/or LCSD is outside acceptance limits, high biased
ng/L - nanograms per liter
Analyte concentrations detected above NY TOGS are presented in light gray.

Table A6. Groundwater Elevation - Northern Athletic Fields

Former Sperry Remington Site North Portion #c808022

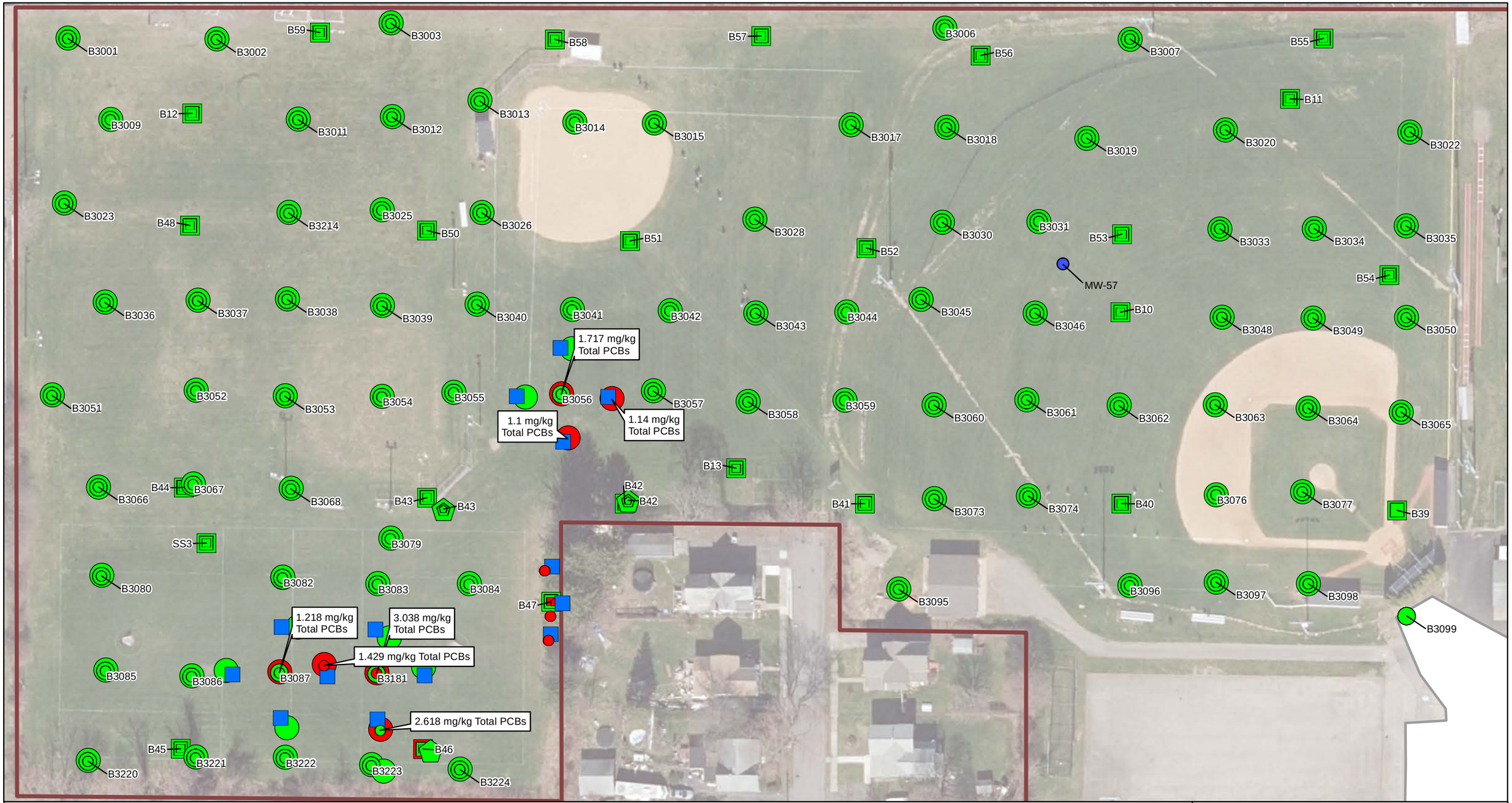
Elmira, New York

Monitoring Well	Top of Casing (ft amsl)	Well Screen Interval (ft-bgs)	DTW (ft-btoc)	DTW (ft amsl)
MW48	853.00	14-29	13.82	839.18
MW49	855.05	12-27	15.78	839.27
MW50I	853.61	19-29	14.30	839.31
MW50S	853.83	13.5-18.5	14.51	839.32
MW51	851.96	14-24	12.91	839.05
MW52	853.73	15-25	14.29	839.44
MW53	854.14	10-25	14.82	839.32
MW54	856.11	12-27	16.51	839.60
MW55	856.29	14-29	16.48	839.81
MW56	855.58	13-28	16.12	839.46
MW57	855.36	13-28	15.92	839.44
MW58	851.70	7-22	13.27	838.43
MW59I	856.14	28-33	16.25	839.89
MW59S	856.34	15-25	16.45	839.89
MW60	856.12	16-31	16.05	840.07
MW61	857.39	16-26	17.75	839.64
MW62	857.33	14-24	17.35	839.98
MW63I	856.84	19-29	16.43	840.41
MW63S	856.95	10-20	16.91	840.04
MW64I	856.96	26-36	16.61	840.35
MW64S	857.33	12-22	16.94	840.39
MW65	856.28	14-29	16.08	840.20
MW66I	856.42	31-41	16.01	840.41
MW66S	856.32	18-28	15.89	840.43

Notes:

ft - feet btoc - below top of casing amsl - above mean sea level

DTW - Depth to water bgs - below ground surface



Legend

- Proposed Soil Borings

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)

- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)

- SVOCs
- Metals
- PCBs

- Site Boundary
- 2017 IRM Excavation

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
Screening level - restricted residential SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data
Aerial imagery provided by ArcGIS Online.

N

0 60 Feet

Sitewide RI Soil Sampling Update
Surface Soil (0-0.17 ft bgs)

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

Beech and Bonaparte engineering p.c.
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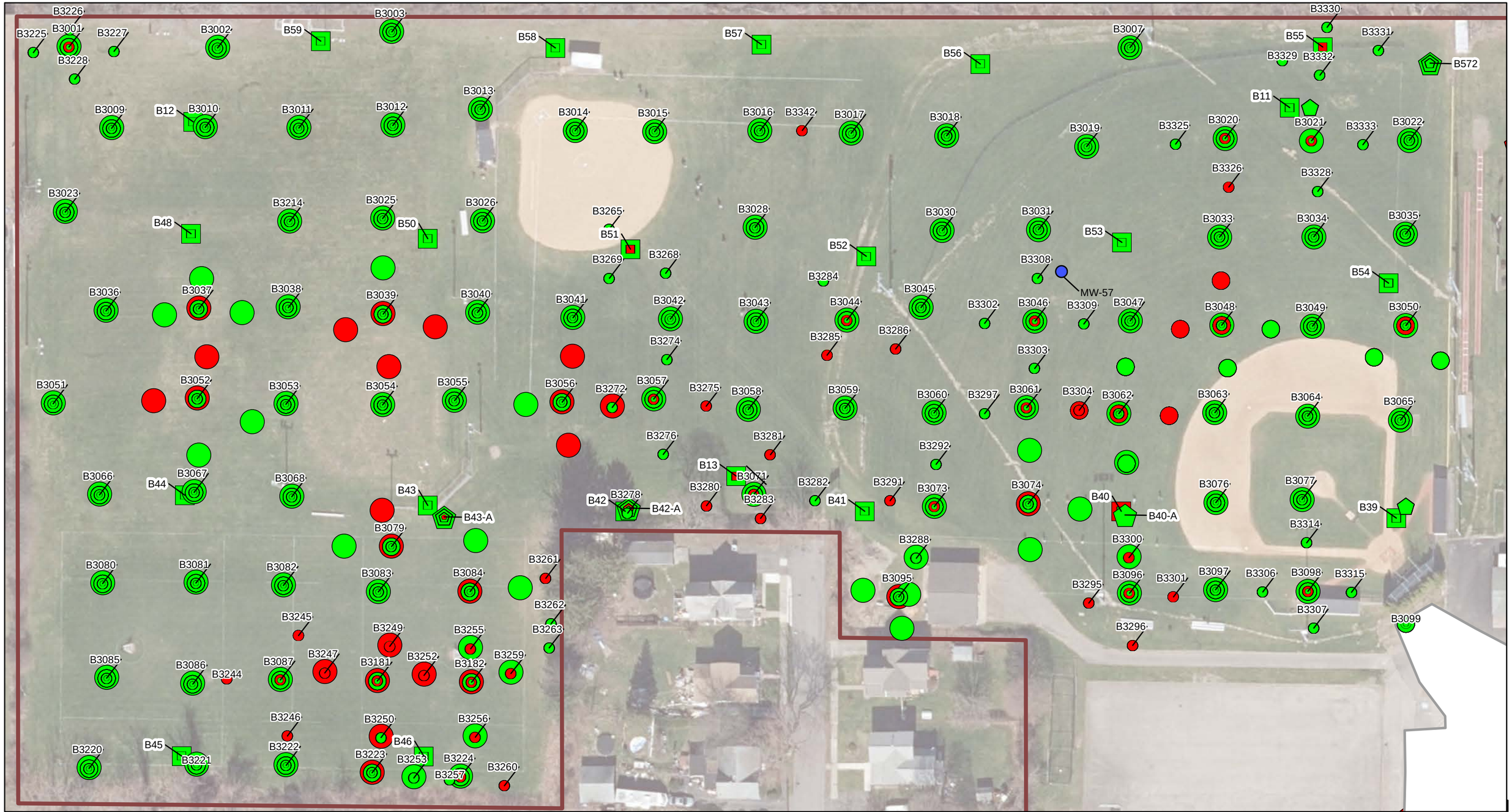
Figure 1

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 1 - Surface.mxd 1/24/2020 11:00:57 AM



Legend

- Proposed Soil Borings

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)

- VOCs
- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)

- VOCs
- SVOCs
- Metals
- PCBs

- Site Boundary
- 2017 IRM Excavation

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
VOCs - Volatile organic compounds
Screening level - restricted residential SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 60 Feet

Sitewide RI Soil Sampling Update
Shallow Subsurface Soil (0.17-2 ft bgs)

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

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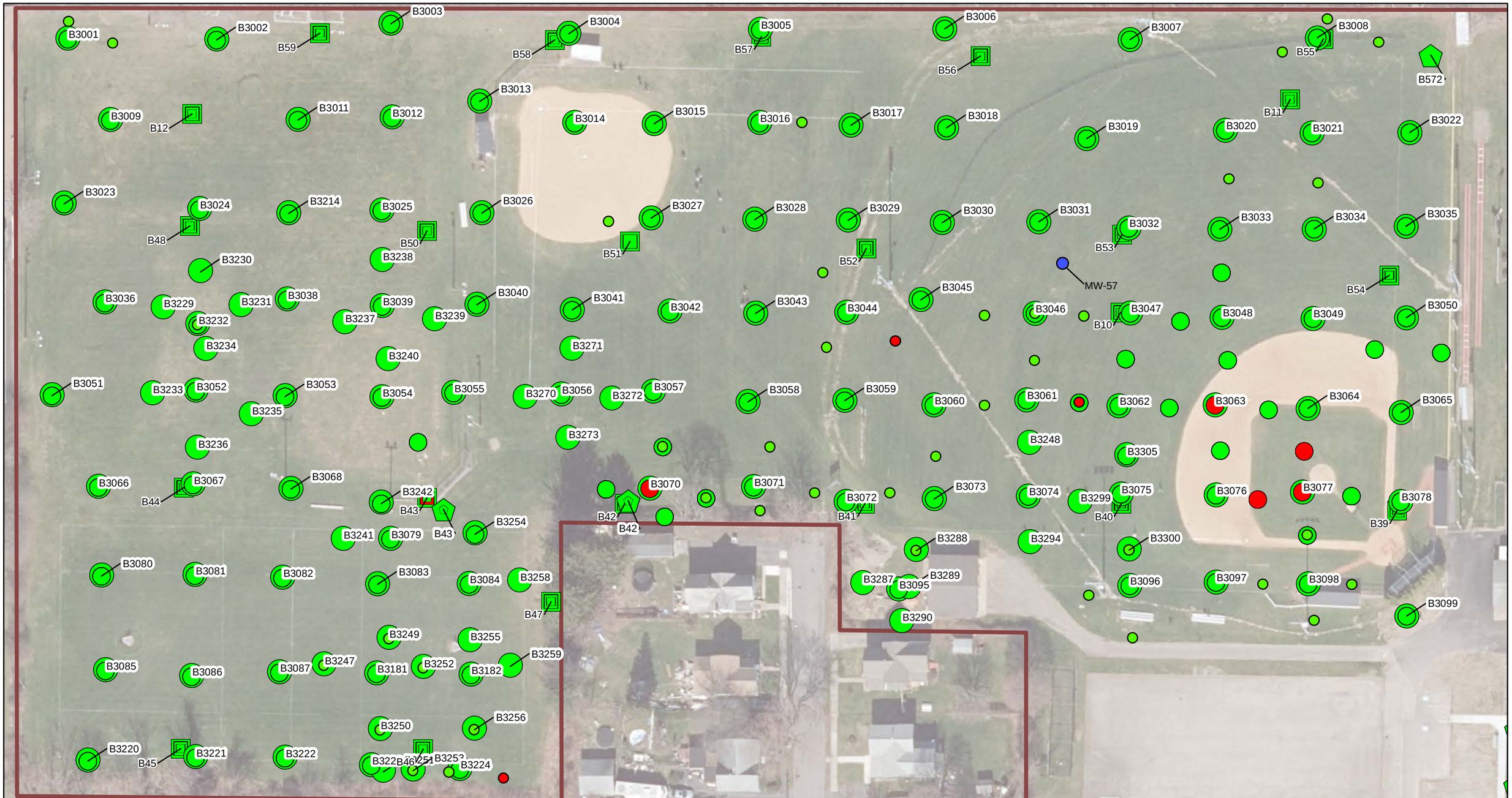
Figure 2

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 2 - 0.17_2_ft_bgs.mxd 1/24/2020 11:08:25 AM



Legend

- NAF_Stepouts$ Events
- Proposed Soil Borings

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)

- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)

- SVOCs
- Metals
- PCBs

Notes
ft bgs - Feet below ground surface
Site Boundary
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data
Aerial imagery provided by ArcGIS Online.

Screening Levels
PCBs: 10 mg/kg
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (2-4 ft bgs)

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

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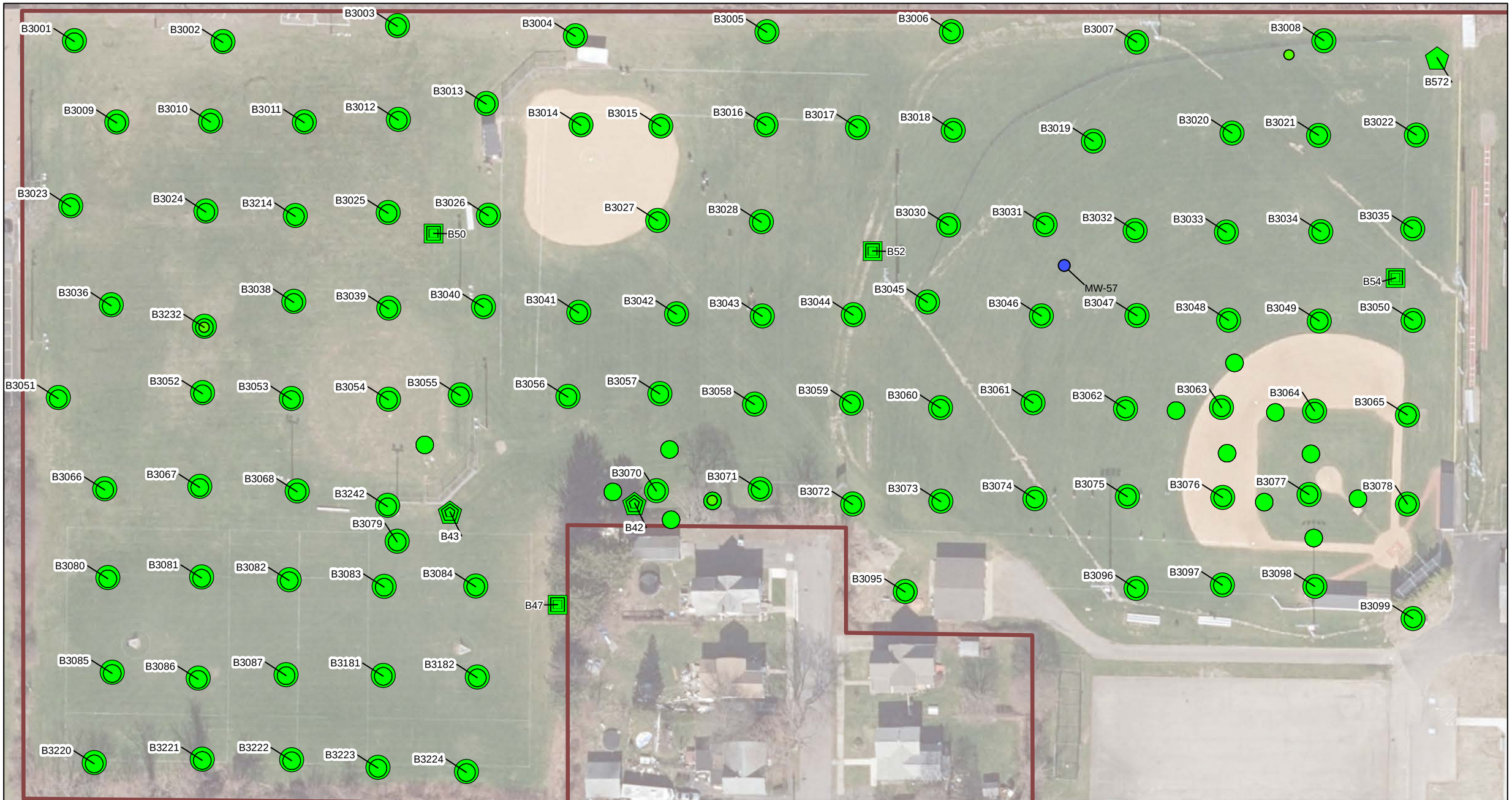
Figure 3

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 3 - 2_4_ft_bgs.mxd 1/24/2020 11:33:01 AM



Legend

Proposed Soil Borings

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)

- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)

- SVOCs
- Metals
- PCBs

Site Boundary

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data
Aerial imagery provided by ArcGIS Online.

Screening Levels
PCBs: 10 mg/kg
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (4-6 ft bgs)

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

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Figure 4

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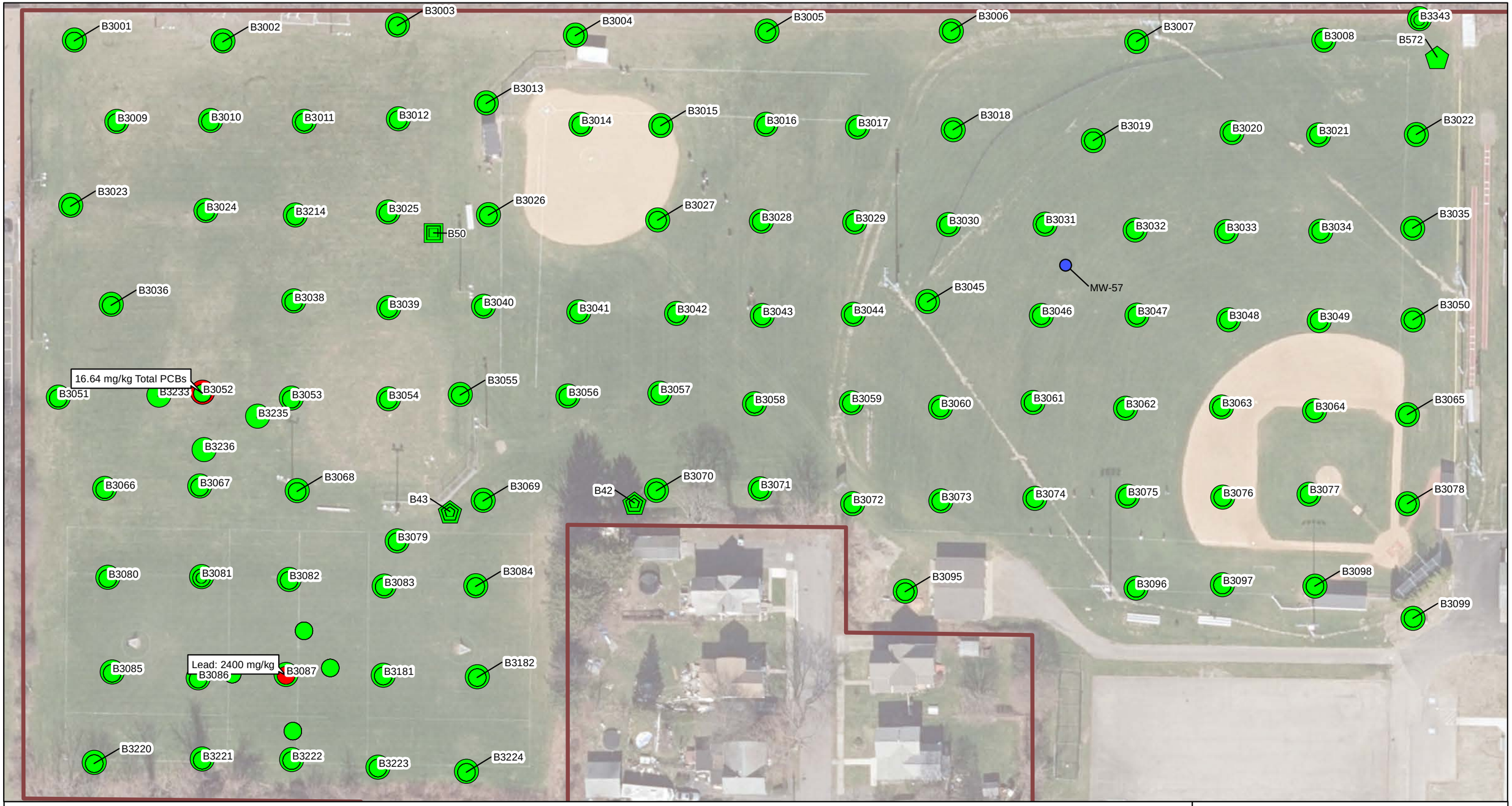

Legend

Proposed Soil Borings

Soil Exceedances
- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples
- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)
- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)
- SVOCs
- Metals
- PCBs

Site Boundary

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data
Aerial imagery provided by ArcGIS Online.

Screening Levels
PCBs: 10 mg/kg
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (6-8 ft bgs)

Former Sperry Remington - North Portion #808022
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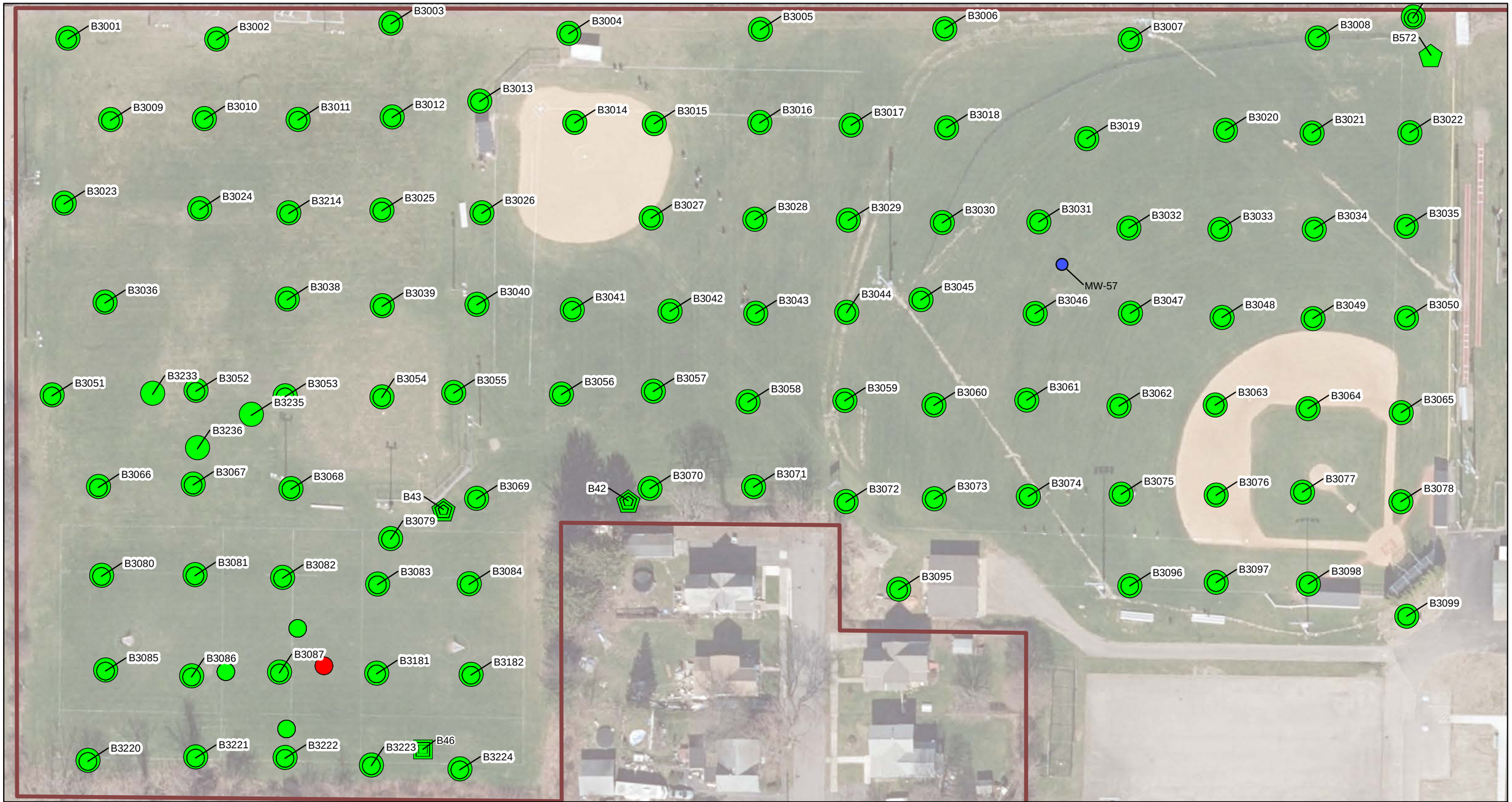
Figure 5

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 5 - 6_8_ft_bgs.mxd 10/29/2019 3:55:04 PM



Legend

Proposed Soil Borings

Soil Exceedances
- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples
- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)
- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)
- SVOCs
- Metals
- PCBs

Site Boundary

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data
Aerial imagery provided by ArcGIS Online.

Screening Levels
PCBs: 10 mg/kg
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (8-10 ft bgs)

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

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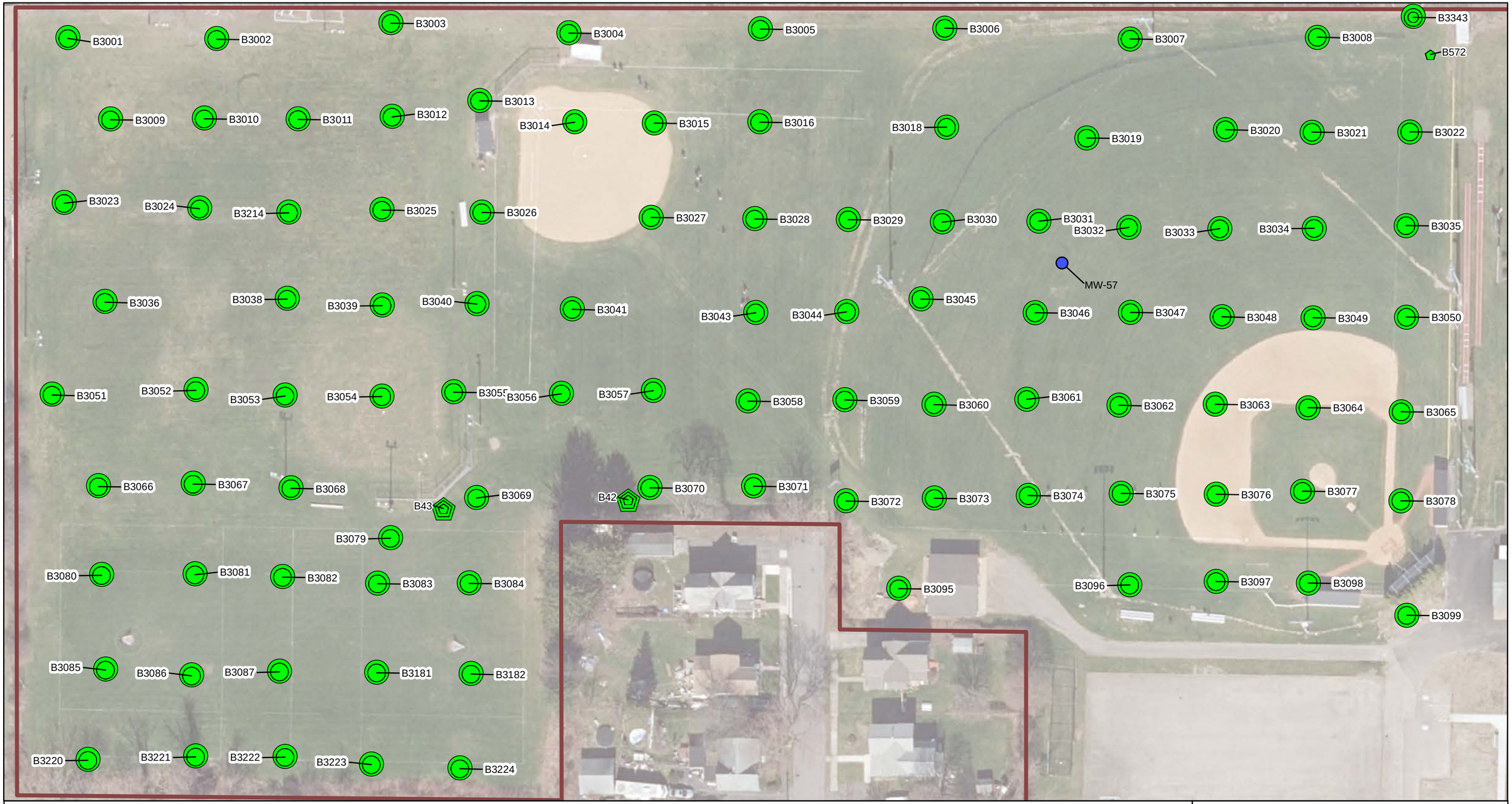
Figure 6

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 6 - 8_10_ft_bgs.mxd 10/29/2019 1:48:16 PM



Legend

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)

- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)

- SVOCs
- Metals
- PCBs

Site Boundary

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data
Aerial imagery provided by ArcGIS Online.

Screening Levels
PCBs: 10 mg/kg
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (10-12 ft bgs)

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

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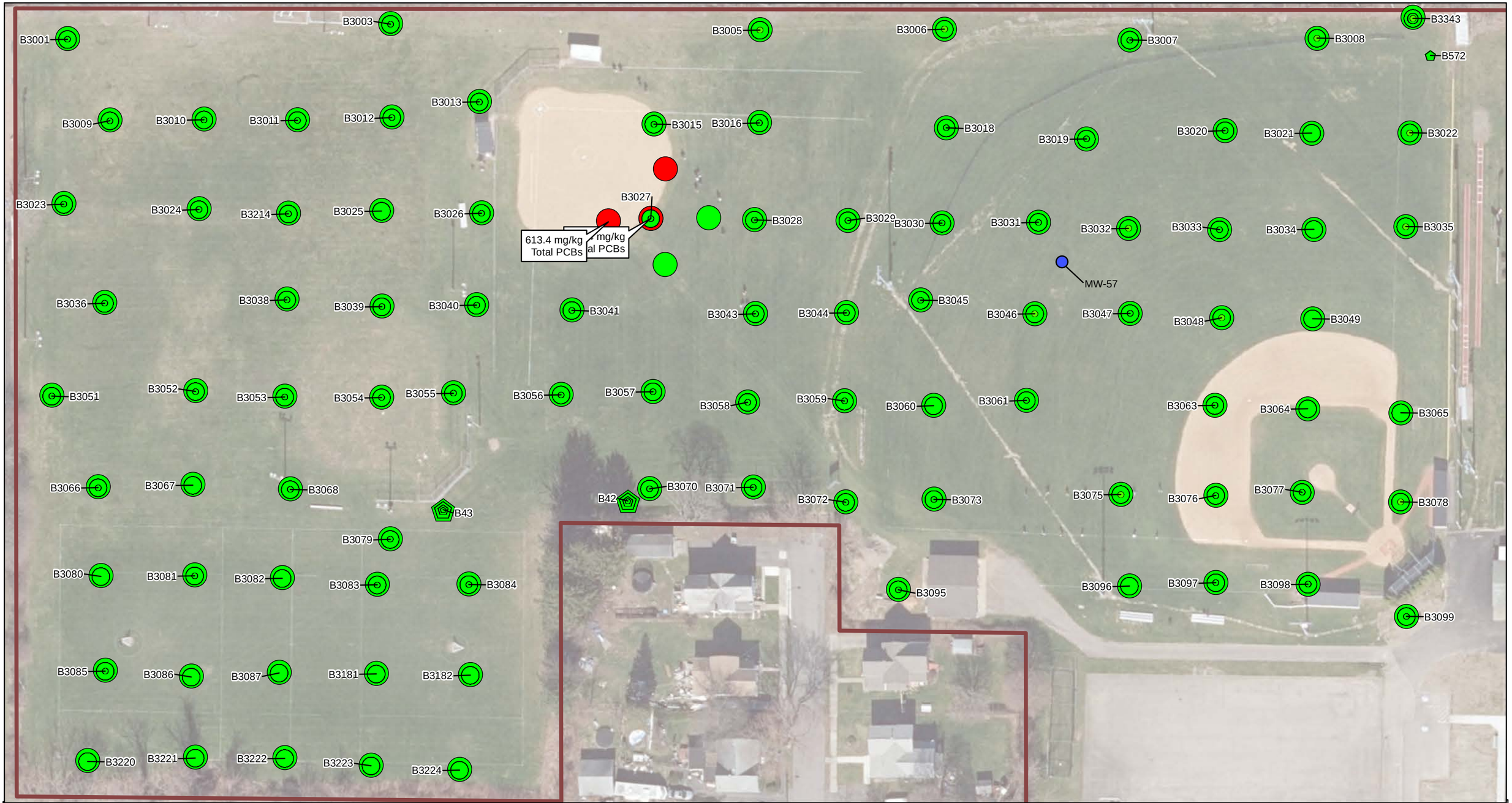
Figure 7

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 7 - 10_12_ft_bgs.mxd 10/29/2019 2:42:19 PM



Legend

Proposed Soil Borings

Soil Exceedances
- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples
- VOCs
- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)
- VOCs
- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)
- VOCs
- SVOCs
- Metals
- PCBs

Site Boundary

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
VOCs - Volatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data

Screening Levels
PCBs: 10 mg/kg
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO
VOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (12-14 ft bgs)

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

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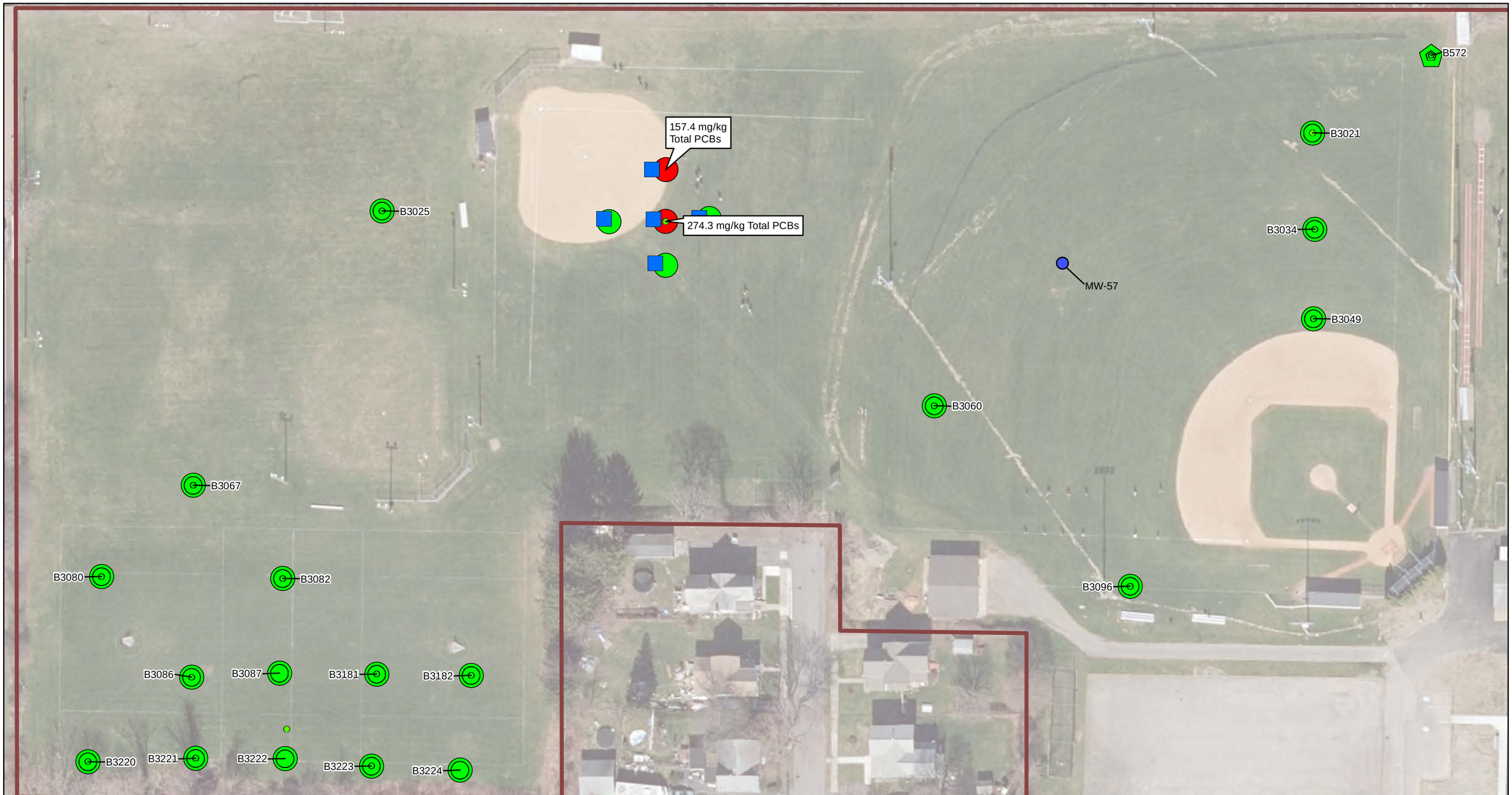
Figure 8

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 8 - 12_14_ft_bgs.mxd 10/29/2019 2:46:37 PM



Legend

Proposed Soil Borings

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

Pre-RI Characterization Samples (2014-2016)

- VOCs
- SVOCs
- Metals
- PCBs

Historical NYSDEC Samples (Pre-2014)

- VOCs
- SVOCs
- Metals
- PCBs

Site Boundary

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
SVOCs - Semivolatile organic compounds
VOCs - Volatile organic compounds
"SSHS-" prefix removed from location labels
TCLP - toxicity characteristic leaching procedure
SCO - soil cleanup level, 6 NYCRR Part 375
Labels only provided for Sitewide RI data

Screening Levels
PCBs: protection of groundwater SCO
Metals: 20x TCLP limits, 200x for lead
SVOCs: restricted residential SCO
VOCs: restricted residential SCO

N

0 60 Feet

Sitewide RI Soil Sampling Update
Subsurface Soil (14-16 ft bgs)

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

Beech and Bonaparte engineering p.c.
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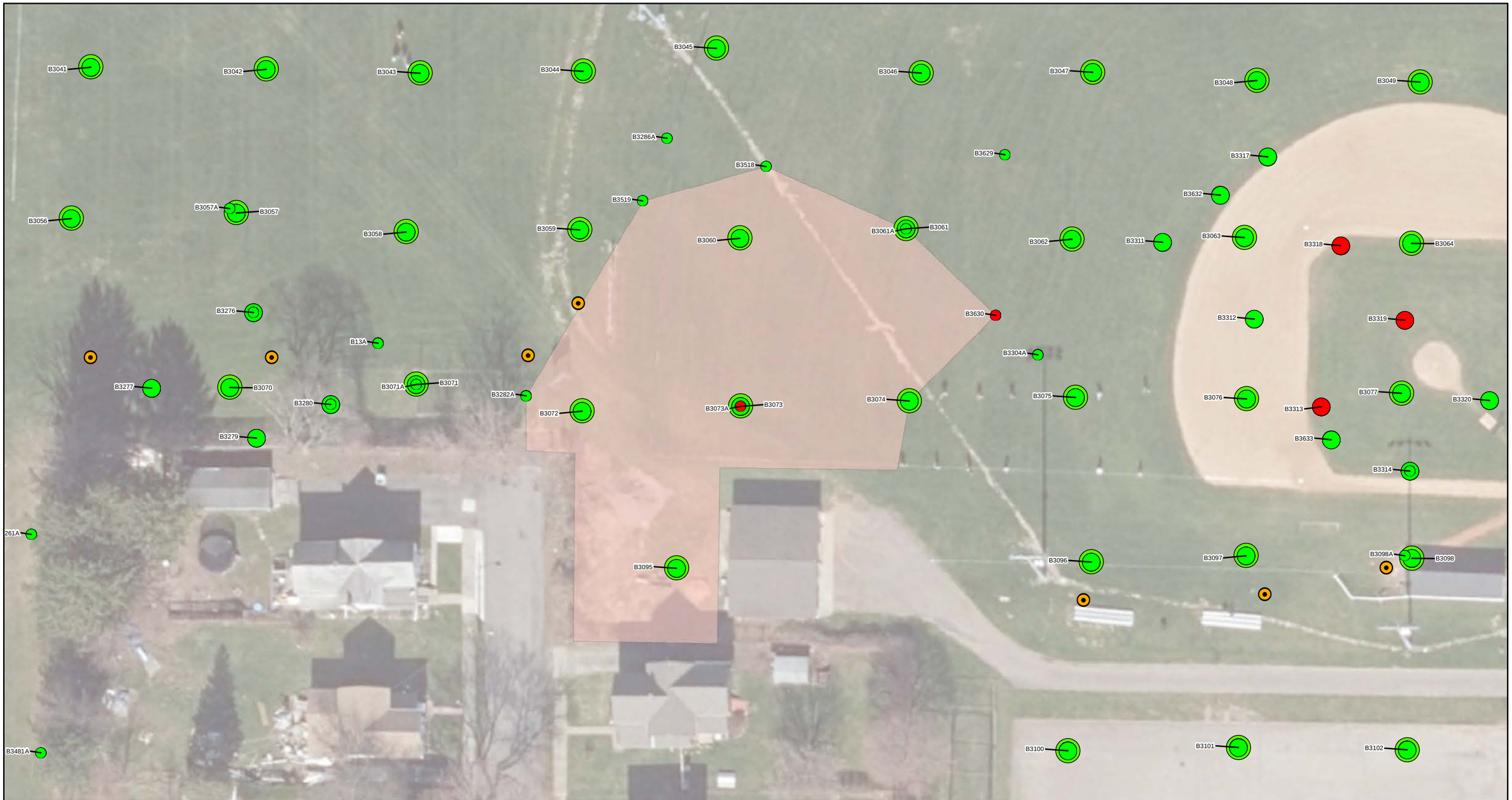
Columbia, Maryland | January 2020

Figure 9

P:\GIS\Elmira - MN0832\Maps\Sitewide_RI\Unisys Measles Maps\Figure 9 - 14_16_ft_bgs.mxd 11/12/2019 12:13:16 PM



Legend

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

IRM #6 Excavation Area

- Potentially Hazardous (Metals)
- Non-Hazardous
- Reuse

- Dry Wells
- IRM #5 Haul Road
- Site Boundary
- Monitoring Well

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
Screening level - Protection of Groundwater SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 20 Feet

Soil Investigation Data - Proposed Dry Wells 4-6 ft bgs

Former Sperry Remington - North Portion #c808022
Elmira, New York

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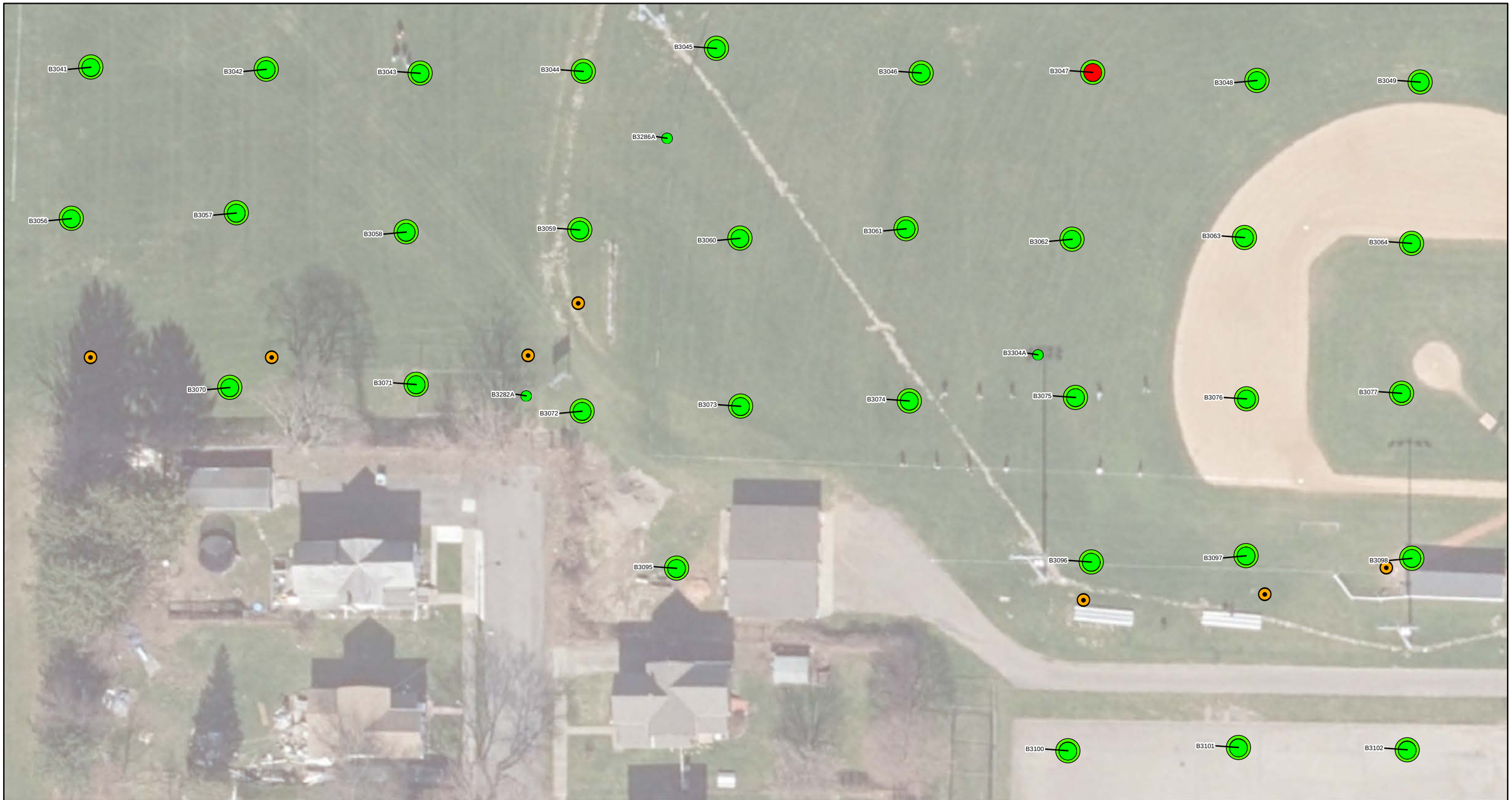
Figure 3

P:\GIS Data\Elmira\20210319_InfiltrationPond_PoG\Figure3-ProposedDryWells_POG_4-6.mxd 4/22/2021 2:46:21 PM



Legend

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

IRM #6 Excavation Area

- Potentially Hazardous (Metals)
- Non-Hazardous
- Reuse

- Dry Wells
- IRM #5 Haul Road
- Site Boundary
- Monitoring Well

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
Screening level - Protection of Groundwater SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 20 Feet

Soil Investigation Data - Proposed Dry Wells 6-8 ft bgs

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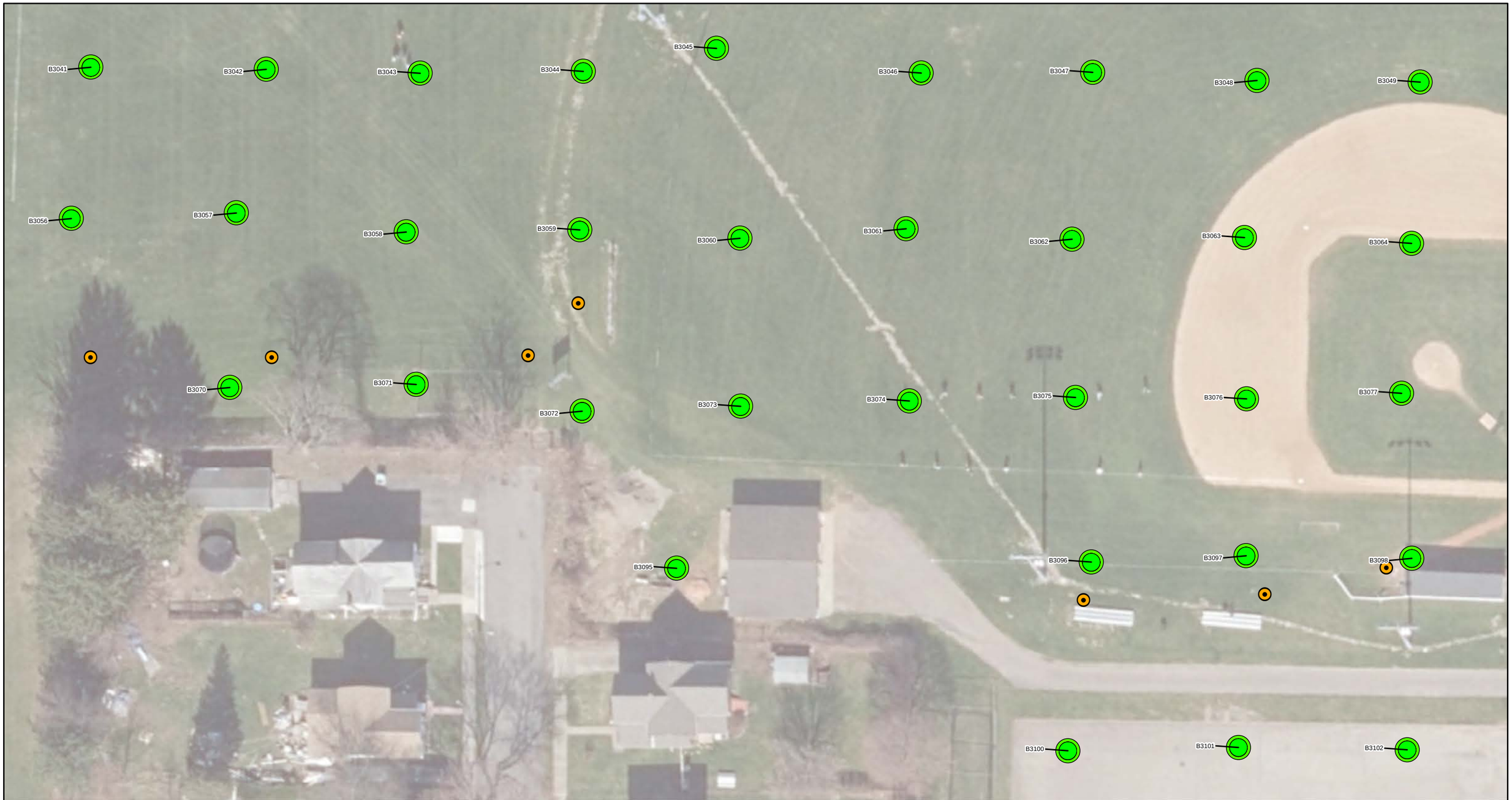
Figure 4

P:\GIS Data\Elmira\20210319_InfiltrationPond_PoG\Figure4-ProposedDryWells_POG_6-8.mxd 4/22/2021 2:51:07 PM



Legend

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

IRM #6 Excavation Area

- Potentially Hazardous (Metals)
- Non-Hazardous
- Reuse

- Dry Wells
- IRM #5 Haul Road
- Site Boundary
- Monitoring Well

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
Screening level - Protection of Groundwater SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 20 Feet

Soil Investigation Data - Proposed Dry Wells 8-10 ft bgs

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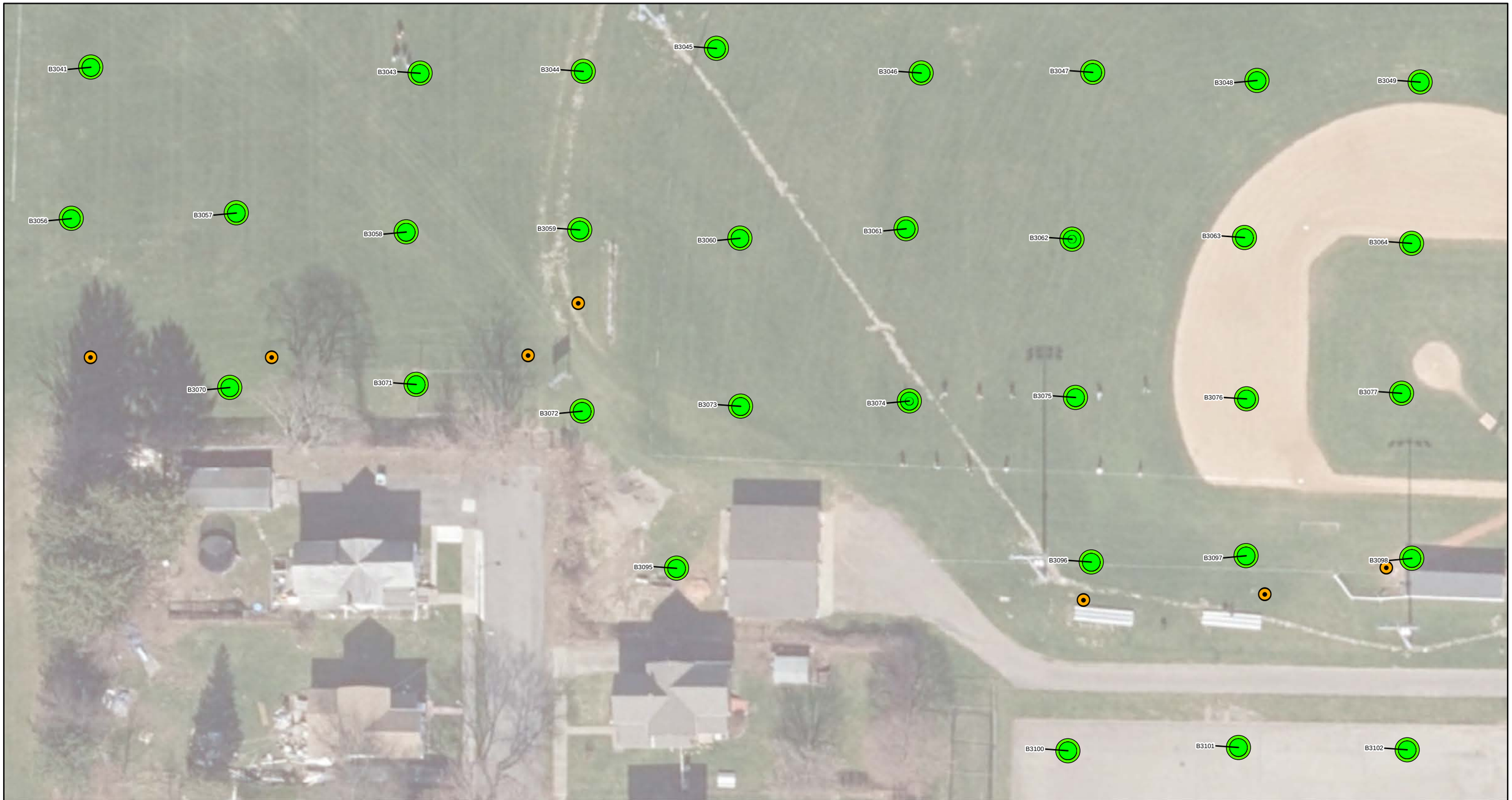
Figure 5

P:\GIS Data\Elmira\20210319_InfiltrationPond_PoG\Figure5-ProposedDryWells_POG_8-10.mxd 4/22/2021 2:56:19 PM



Legend

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

IRM #6 Excavation Area

- Potentially Hazardous (Metals)
- Non-Hazardous
- Reuse

- Dry Wells
- IRM #5 Haul Road
- Site Boundary
- Monitoring Well

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
Screening level - Protection of Groundwater SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 20 Feet

Soil Investigation Data - Proposed Dry Wells 10-12 ft bgs

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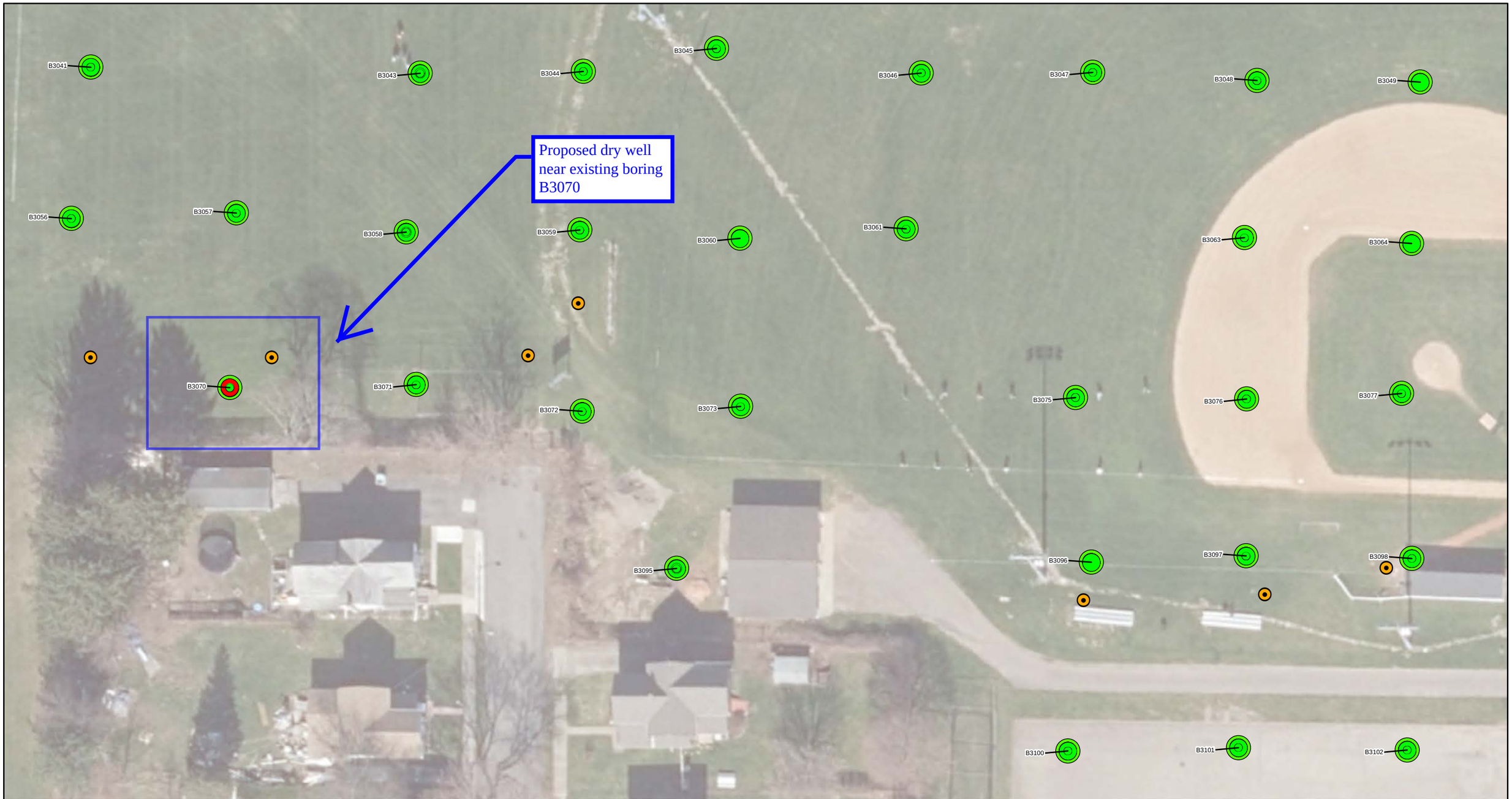
Figure 6

P:\GIS Data\Elmira\20210319_InfiltrationPond_PoG\Figure6-ProposedDryWells_POG_10-12.mxd 4/22/2021 3:01:04 PM



Legend

Soil Exceedances
- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples
- VOCs
- SVOCs
- Metals
- PCBs

IRM #6 Excavation Area
- Potentially Hazardous (Metals)
- Non-Hazardous
- Reuse

- Dry Wells
- IRM #5 Haul Road
- Site Boundary
- Monitoring Well

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
Screening level - Protection of Groundwater SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 20 Feet

Soil Investigation Data - Proposed Dry Wells 12-14 ft bgs

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Figure 7

P:\GIS Data\Elmira\20210319_InfiltrationPond_PoG\Figure7-ProposedDryWells_POG_12-14.mxd 4/22/2021 3:05:23 PM

Legend

Soil Exceedances

- Does Not Exceed Screening Level
- Exceeds Screening Level

Sitewide RI Samples

- VOCs
- SVOCs
- Metals
- PCBs

IRM #6 Excavation Area

- Potentially Hazardous (Metals)
- Non-Hazardous
- Reuse

- Dry Wells
- IRM #5 Haul Road
- Site Boundary
- Monitoring Well

Notes
ft bgs - Feet below ground surface
PCBs - polychlorinated biphenyls
VOCs - Volatile organic compounds
SVOCs - Semivolatile organic compounds
Screening level - Protection of Groundwater SCOs - Table 375-6.8(b) in 6 NYCRR PART 375
"SSHS-" prefix removed from location labels
Labels only provided for Sitewide RI data

N

0 20 Feet

Soil Investigation Data - Proposed Dry Wells 14-16 ft bgs

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Figure 8

P:\GIS Data\Elmira\20210319_InfiltrationPond_PoG\Figure8-ProposedDryWells_POG_14-16.mxd 4/22/2021 3:11:29 PM