

**Pre-Design Investigation Report
Phase 2 Design Properties
Former Geneva Foundry Site
Operable Unit 3
Geneva, New York**

Volume 1

Site Number C835027A

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Prepared for:

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List of Abbreviations and Acronyms

DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
E & E	Ecology and Environment Engineering and Geology, P.C.
EEPC	Ecology and Environment Engineering, P.C.
EPA	(United States) Environmental Protection Agency
IDW	investigation-derived waste
LaBella	LaBella Associates, DPC
mg/kg	milligrams per kilogram
MS/MSD	matrix spike/matrix spike duplicate
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OU	operable unit
PDI	pre-design investigation
PDS	post-digestion spike
QA	quality assurance
QC	quality control
QAPP	Quality Assurance Project Plan
RPD	relative percent difference
Site	Former Geneva Foundry Site (Site Number C835027A)
SOP	standard operating procedure

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Introduction

Pursuant to Work Assignment Number D007617-43, Ecology and Environment Engineering and Geology, P.C. (E & E) prepared this pre-design investigation (PDI) report for work performed at residential property parcels within the off-site air deposition area (Operable Unit 3 [OU-3]) of the Former Geneva Foundry (Site Number C835027A) (the Site) in Geneva, New York. The properties discussed in this report constitute the Phase 2 design parcels initially sampled in fall 2017 (see Table 1-1 and Figure 1-1). The Geneva Foundry, which burned coal and coke to melt iron for the casting of iron products for over a century, was located at 23 Jackson Street in the city of Geneva, Ontario County, New York. This report was prepared on behalf of the New York State Department of Environmental Conservation (NYSDEC), Division of Environmental Remediation (DER).

The primary objective of this report is to document the levels and extents of arsenic and lead in surface and subsurface soils in order to determine excavation areas and depths required to meet the remedial objectives of the Record of Decision (ROD) (NYSDEC 2017). The property parcels included in this report are part of those selected for investigation and remediation by the DER as presented in the ROD for the Site. Past operations at the Geneva Foundry resulted in arsenic and lead contamination of soils within OU-3 via air deposition. The Record of Decision for OU-1, -2, and -3 issued in January 2017 requires the remediation of properties contaminated by air deposition (NYSDEC 2017). A description of historical analytical results for properties included in this report are included in the Former Geneva Foundry Offsite Surface Soil – 2015 sampling report (NYSDEC 2016).

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Investigation Summary

The PDI for Phase 2 consisted of investigating the levels and extents of arsenic and lead contamination in soils. A Sampling and Analysis Plan was prepared to guide the investigation (E & E 2017). Activities included boundary, base map, and topographic surveys of individual property parcels; sampling of 532 soil borings across 54 parcels; collection of surface and subsurface soil samples from these borings; and laboratory analysis of soil samples.

The initial PDI sampling event was conducted from October 16, 2017 to November 3, 2017. After the initial sampling, preliminary excavation limits were drafted and data gaps were identified. Supplemental sampling events occurred in December 2017, March 2018, and June 2018 to fill in these data gaps and refine the design excavation limits.

A summary of the field investigation is provided in the following subsections. Sampling locations are shown on individual parcel figures in Appendix A.

2.1 Pre-Field Investigation Activities

In order to notify local residents of the investigation, NYSDEC mailed a public factsheet to residents within OU-3 in March 2018. In October 2017, a letter describing the purpose of sampling and an access agreement were mailed to the owners of properties within the Phase 2 design group (see Table 1-1 and Figure 1-1).

Prior to initiating on-site activities, E & E contacted each property owner by phone and/or email to inform them of the proposed sampling date, discuss any property access restrictions or concerns (such as opening locked gates, keeping dogs inside, etc.), and inquire whether the owner was aware of any private utilities on their property. For rental properties, E & E contacted tenants only if property owners requested that E & E coordinate directly with the tenants.

LaBella Associates, DPC (LaBella), NYSDEC's Standby Investigation & Remediation Contractor, which provided direct-push sampling services, contacted Dig Safely New York to request mark-outs of underground utilities prior to beginning intrusive activities. LaBella also subcontracted a private utility locator, On The Mark, to locate water and sewer service lines in addition to privately owned utilities not marked by Dig Safely New York.

Proposed sampling locations were initially determined on a random rectangular grid with each grid cell not exceeding 900 square feet. The size of the grid meets the requirements of NYSDEC's DER-10 Guidance, Section 5.4(b), which calls for post-excavation confirmation sampling on a grid no larger than 900 square feet (NYSDEC 2010). Initial sampling locations were selected at random within each grid cell and the locations were adjusted in the field for individual properties based on the presence of historical sampling locations, proximity to utilities and structures, surface or subsurface obstructions, etc.. E & E personnel marked the final sampling locations in the field with paint and/or flags. The sampling locations were surveyed by a licensed land surveyor, Fisher Associates of Rochester, New York.

For the supplemental sampling events, sampling locations were determined by E & E based on data gaps identified following evaluation of the initial investigation. These gaps were typical of areas between two different design excavation depths in order to determine the extent of excavation, and at locations near specific property features (i.e., trees, driveways, porches/decks) where a determination on removal or preservation of a property feature was needed.

2.2 Direct-Push Soil Borings

A total of 532 soil borings were sampled at 54 property parcels during the PDI. During some of the supplemental sampling events, previous soil boring locations were revisited and deeper samples were collected where the vertical extent of contamination had not been previously determined. The boring locations are shown on the property figures in Appendix A.

Soil borings were labeled with the abbreviated address of the property sampled (e.g., 29MID) as well as the sample location on property (e.g., -01, -02). Soil borings advanced on properties with no address were labeled with a three-digit identifier, followed by the street name (e.g., 999STA).

Following completion of soil sampling, the direct-push borings in grass areas were backfilled with crushed stone and/or topsoil, while borings in asphalt were backfilled with crushed stone and sealed at the top with approximately 3 inches of cold patch asphalt.

During the sampling events, the majority of the soil boring locations were sampled to a depth of 4 feet below grade and up to four soil samples were collected from each boring from the following depth intervals: 0 to 6 inches, 6 to 12 inches, 12 to 18 inches, and 18 to 24 inches. Soil below 24 inches (potential intervals include 24 to 30 inches, 30 to 36 inches, 36 to 42 inches, and 42 to 48 inches) was archived within the sampling tube, capped at both ends and securely stored on-site until needed for further sampling or discarded after determining additional samples were not required for a given borehole.

For Phase 2 PDI sampling, soil core samples were collected by LaBella using a Geoprobe Model 5400 direct-push machine equipped with 2 $\frac{1}{4}$ -inch-diameter

2 Investigation Summary

Macro-Core® probing rods with 1½-inch-diameter, dedicated sleeves. For areas that were inaccessible by the Geoprobe, the soil core samples were collected with a hand-driven 1½-inch-diameter Macro-Core with dedicated sleeves or with a hand auger.

For soil borings installed using dedicated Macro-Core sleeves, the only portion of the direct-push tooling that came into contact with the soil samples besides the sleeves was the cutting shoe of the Macro-Core casing. The shoe and the casing itself were decontaminated before each use. When used, hand augers were also decontaminated before each use. All equipment, including stainless-steel bowls and spoons used for mixing soil samples, was decontaminated by scrubbing with a laboratory-grade detergent (e.g., Alconox) solution, rinsing the equipment with potable water, rinsing with 10% nitric acid solution, and, finally, rinsing with de-ionized water.

Soils encountered during soil boring installation were generally comprised of top-soil with organics and underlain by sub-soils that mostly consisted of brown to reddish brown silt with varying proportions of sand, clay, gravel, and wood. Suspected or possible fill material, indicated by the presence of black angular material, white and grey ash, coal fragments, brick fragments, etc. was observed at many locations within the topsoil or between the topsoil and silt sub-soil. Soil boring logs are provided in Appendix B.

Soil samples were collected from the sampling device using decontaminated stainless-steel spoons. The soil from specific depth intervals was typically placed in a disposable paper bowl and mixed with the spoon prior to transfer to the laboratory container. In some cases, stainless-steel bowls were used for mixing and were decontaminated as described above.

All sample analyses were conducted by a NYSDEC Standby Laboratory Services contractor for total arsenic and total lead. Most were analyzed by Eurofins TestAmerica in one of their national network laboratories. A few samples were analyzed by Con-Test Analytical Laboratory of East Longmeadow, Massachusetts, to achieve a rapid turnaround time.

Based on review of the initial sample results, NYSDEC and E & E determined that deeper intervals were needed for selected borings, which were tested for total arsenic and/or lead analysis. This process continued until the depth interval where total arsenic and total lead concentrations were less than the residential soil cleanup objectives of 16 milligrams per kilogram (mg/kg) for arsenic and 400 mg/kg for lead. (Note that in specific areas of the 46 and 50 State Street properties, the New York State Department of Health [NYSDOH] required the use of unrestricted soil cleanup objectives and the values used in these areas were 13 mg/kg for arsenic and 63 mg/kg for lead.)

2.3 Investigation-Derived Waste Management

The following types of investigation-derived waste (IDW) were generated during this investigation: unused soil from macro-cores; macro-core plastic sleeves; de-contamination water; and spent personal protective equipment, primarily gloves. Excess soil cuttings generated during soil boring installation were disposed of by LaBella along with soil from the ongoing remedial action at nearby properties. Decontamination water was mixed with soil in approximately 15-ton truck loads for disposal. Other non-hazardous solid wastes were bagged and disposed of off-site as non-regulated solid waste.

2.4 Sample Handling and Analysis

Soil samples were collected in containers provided by the laboratory. All samples were labeled with unique location codes and sample codes and stored on ice pending pick up by or shipment to the laboratory.

All samples were tested for total arsenic and lead using United States Environmental Protection Agency (EPA) SW-846 Method 6010C (inductively coupled plasma). Reports were consistent with NYSDEC Analytical Services Protocol Category B deliverable requirements, and data were provided in NYSDEC EQuIS electronic data deliverables for review by E & E. Laboratory reports are provided in Appendix C.

2.5 Quality Assurance/Quality Control

Quality assurance/quality control (QA/QC) samples including field duplicates, rinsate blanks, and matrix spike/matrix spike duplicate (MS/MSD) sample sets were collected in accordance with the specifications of E & E's Master Quality Assurance Project Plan (QAPP) for NYSDEC projects (Ecology and Environment Engineering, P.C. [E & E] 2011). Field duplicates and MS/MSD samples were collected at the rate of one per 20 normal samples. Due to the small sample size required for testing, the laboratory was also typically able to perform QC analyses from the original sample jar, if enough volume was available, which allowed the selection of additional QC samples as archived samples were later selected for analysis. Rinsate blanks were collected at a rate of one per day to test the decontamination procedures used on reusable sampling equipment.

Duplicate samples provide insight into the homogeneity of the sample matrix and establish a degree of confidence in the precision of the field sampling and analytical method. Soil duplicates were collected by homogenizing the sample matrix then filling additional laboratory jars. A review of the duplicate sample results is provided in the data usability summary reports (DUSRs) provided in Appendix C. Where the relative percent difference (RPD) between the original and duplicate sample results exceeded data review guidelines, "J" flags were added to indicate that the results are estimated. Overall, the samples exhibited good precision between duplicate/replicate sample preparations, and there were no significant impacts on data usability associated with the field duplicate/replicate sample results. There were two instances in which duplicate sample precision exceeded RPD limits and samples were qualified as unusable. No additional samples were collected

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at these specific locations because excavation depths were conservatively selected based on deeper results at these locations and other nearby samples resulting in removal of all soils associated with these two unusable samples.

In addition to analytical error introduced by machinery and sample handling, error can also occasionally result from analytical process interference by a sample matrix. This can result in the reporting of analytes at concentrations higher or lower than the true concentrations. Laboratory duplicates or MSDs are aliquots of the same sample that are split prior to analysis and are treated exactly the same throughout the analytical method. The RPDs between the MS and MSD samples or between the normal and the laboratory duplicate indicate the precision of the analytical method. There were several instances where the native concentration in the soil sample was greater than four times the spiking concentration; therefore, the recovery of the spike could not be accurately determined. In instances where the MS or MSD failed recovery criteria, the post-digestion spike (PDS) was found to be acceptable, indicating that matrix interference was present and laboratory precision was not an issue. In these cases, the results in the parent samples were qualified “J” as estimated.

Rinsate blanks were collected daily during the sampling events by pouring laboratory-grade, metals-free water over decontaminated sample equipment. Rinsate blanks were analyzed for total arsenic and lead; neither analyte was detected in any of the blanks.

2.6 Data Review

All laboratory deliverables were reviewed in accordance with the QAPP (E & E 2011). The data were qualified following general guidelines in the EPA Region 2 standard operating procedure (SOP), Hazardous Waste Support Section, EPA Region 2 standard operating procedure (SOP) HW-2a (EPA 2012). DUSRs were prepared for each phase of sample analysis as specified in Appendix 2B of NYSDEC’s *Technical Guidance for Site Investigation and Remediation* (NYSDEC 2010). The data review included an evaluation of the following:

- Holding times;
- Initial and continuing calibration;
- Reporting limits/dilutions;
- Calibration blanks and method blanks;
- MS/MSD/PDS samples;
- Laboratory control samples;
- Field duplicates; and
- Interference checks.

2 Investigation Summary

DUSRs were prepared by E & E's data validation chemist for all design samples (see Appendix C). Any deviations from acceptable QC specifications are discussed in the DUSRs. Qualifiers were added to the data, if appropriate, to indicate potential concerns with data usability and these qualifiers were transferred to the data summary tables presented in Appendix C. There were no significant impacts on data usability.

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Analytical Results

This section presents the analytical results for the soil sampling activities in order to provide an understanding of the extent of soil contamination at the PDI Phase 2 properties.

Arsenic was detected in all (over 2,300) samples collected from the Phase 2 residential properties, in the range of less than 1 to 228 mg/kg, with a median value of 8.5 mg/kg. Lead was also detected in all Phase 2 samples in the range of 2.4 to 46,400 mg/kg, with a medial value of 128 mg/kg. Approximately 23% of the total number of discrete soil samples collected during Phase 2 PDI contained arsenic at concentrations exceeding 400 mg/kg and approximately 20% of the samples contained lead at concentrations above 400 mg/kg. As reported in the ROD (NYSDEC 2017), other sources of lead and arsenic that are not site-related (e.g., lead-based paint, coal ash, and other industrial operations) may contribute to off-site lead and arsenic concentrations in soil. Total arsenic and lead concentrations reported in all samples collected during this investigation are provided on the property-specific figures in Appendix A.

Soil samples were also collected at one privately owned property designated for use as a staging area. The property is located at 60 Middle Street, on the edge of the OU-3 remedial boundary.

The analytical results, as well as the figures provided in Appendix A, were used to develop the property-specific preliminary remedial excavation plans that were presented to NYSDEC and NYSDOH during development of remedial excavation site plans.

4

References

- Ecology and Environment Engineering, P.C. (EEPC). 2011. *Master Quality Assurance Project Plan (QAPP) for New York State Department of Environmental Conservation Projects*. Prepared for the New York State Department of Environmental Conservation, Albany, New York, April 2011.
- _____. 2017. *Pre-remedial Design Investigation, Residential Soil Sampling and Analysis Plan, Former Geneva Foundry Site, Off-site Air Deposition Area, NYSDEC Site No. C835027A, Geneva, New York*. Prepared for the New York State Department of Environmental Conservation, Albany, New York, October 2017.
- New York State Department of Environmental Conservation (NYDEC). 2010. *DER-10, Technical Guidance for Site Investigation and Remediation*, Division of Environmental Remediation, Albany, New York, May 2010.
- _____. 2016. *Former Geneva Foundry, Offsite Surface Soil Sampling – 2015, Environmental Restoration Program, Site #B00019*. Prepared by Division of Remediation, NYSDEC Region 8, Avon, New York, August 2016.
- _____. 2017. *Record of Decision, Former Geneva Foundry Site, Environmental Restoration Project, Operable Units 1, 2 and 3, Geneva (C), Ontario County, Site No. B00019*. Prepared by Division of Environmental Remediation, Albany, New York, January 2017.
- U.S. Environmental Protection Agency (EPA) Region 2. 2012. *Standard Operating Procedure (SOP), Hazardous Waste Support Section, SOP No. HW-2a Revision 15, ICP-AES Data Validation*. New York, New York, December 2012.

Table

Table 1-1 Phase 2 Design Parcels

50 Center St.	82 Genesee St.	39 Middle St.	32 State St.
56 Center St.	86 Genesee St.	41 Middle St.	36 State St.
60 Center St.	77 Herbert St.	45 Middle St.	38 State St.
64 Center St.	79 Herbert St.	47 Middle St.	42 State St.
41 Clinton St.	81 Herbert St.	51 Middle St.	46 State St.
49 Clinton St.	10 Lafayette Ave.	55 Middle St.	50 State St.
52 Genesee St.	12-14 Lafayette Ave.	60 Middle St.	67 State St.
58 Genesee St.	16 Lafayette Ave.	69 Middle St.	71 State St.
60 Genesee St.	20 Lafayette Ave.	73 Middle St.	75 State St.
66 Genesee St.	22 Lafayette Ave.	77 Middle St.	79 State St.
68 Genesee St.	26-28 Lafayette Ave.	55 North St.	79-81 Wadsworth St.
72 Genesee St.	29 Middle St.	8 Richards Ave.	83 Wadsworth St.
76 Genesee St.	33 Middle St.	26 State St.	
78 Genesee St.	37 Middle St.	30 State St.	

Figure

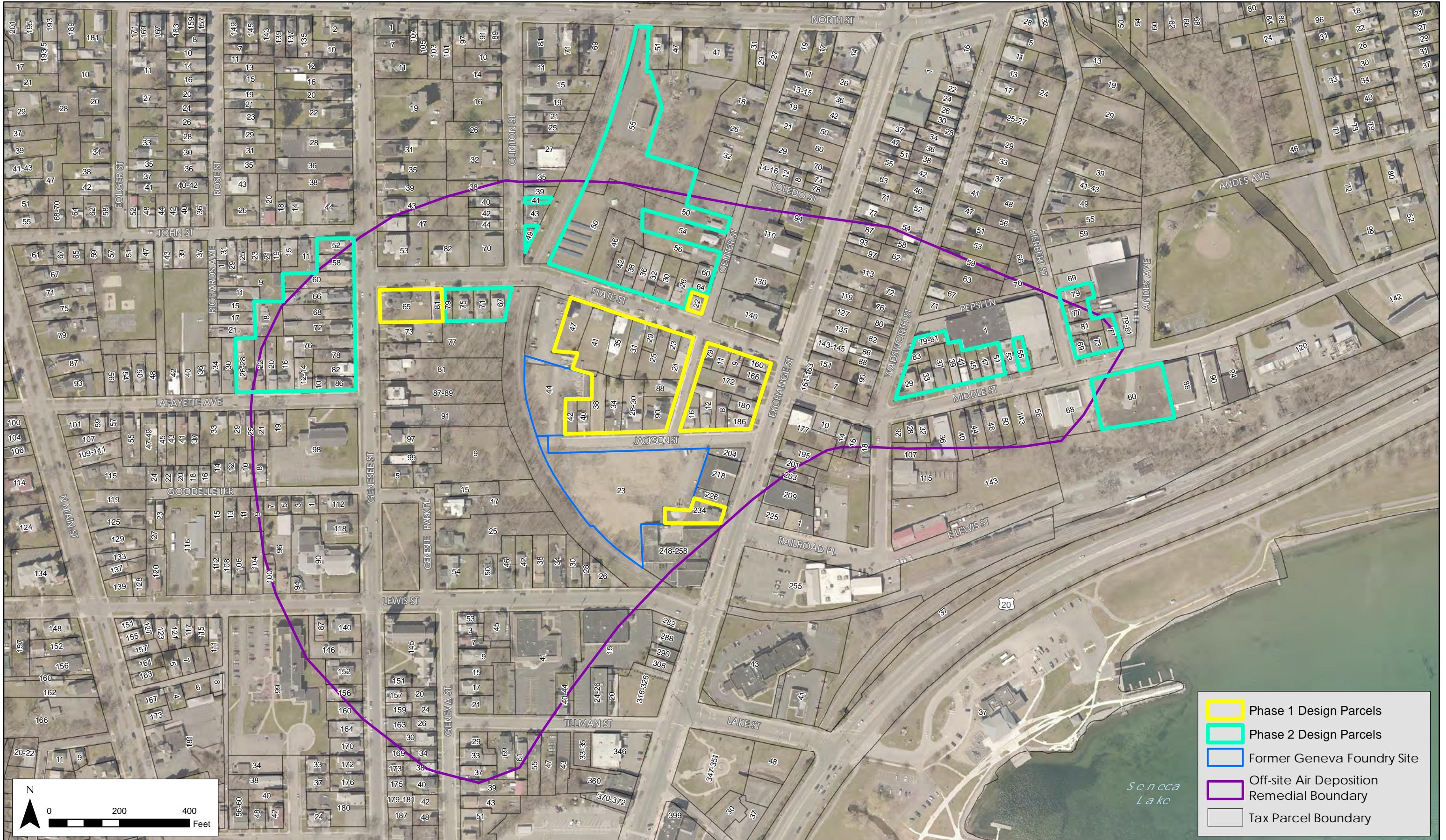
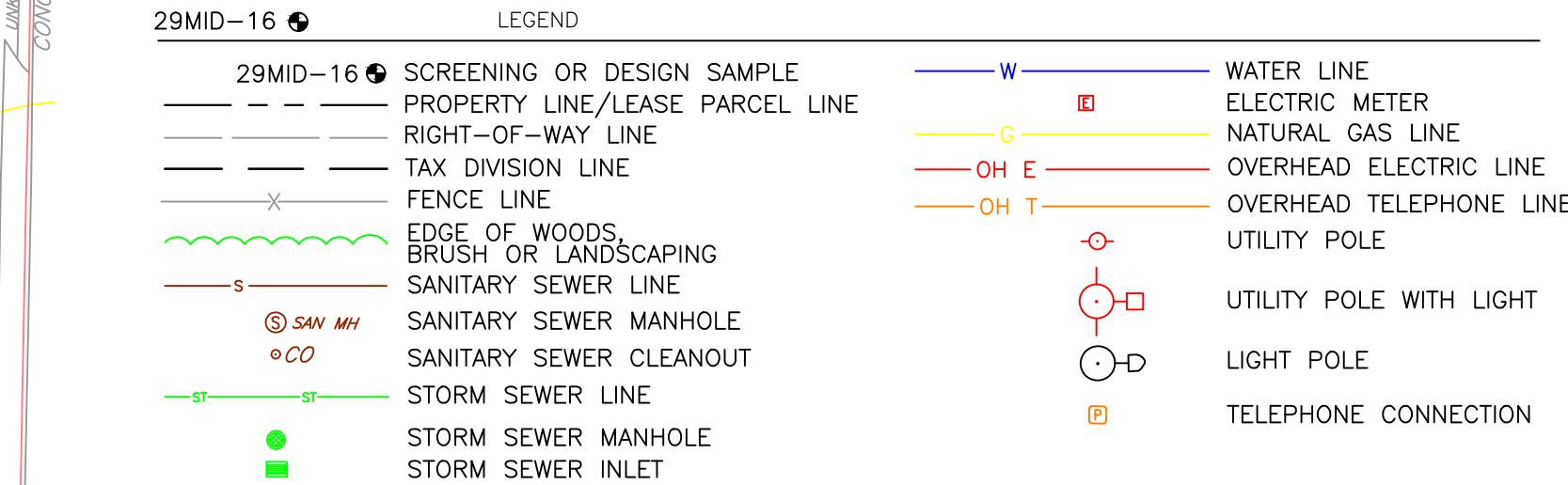
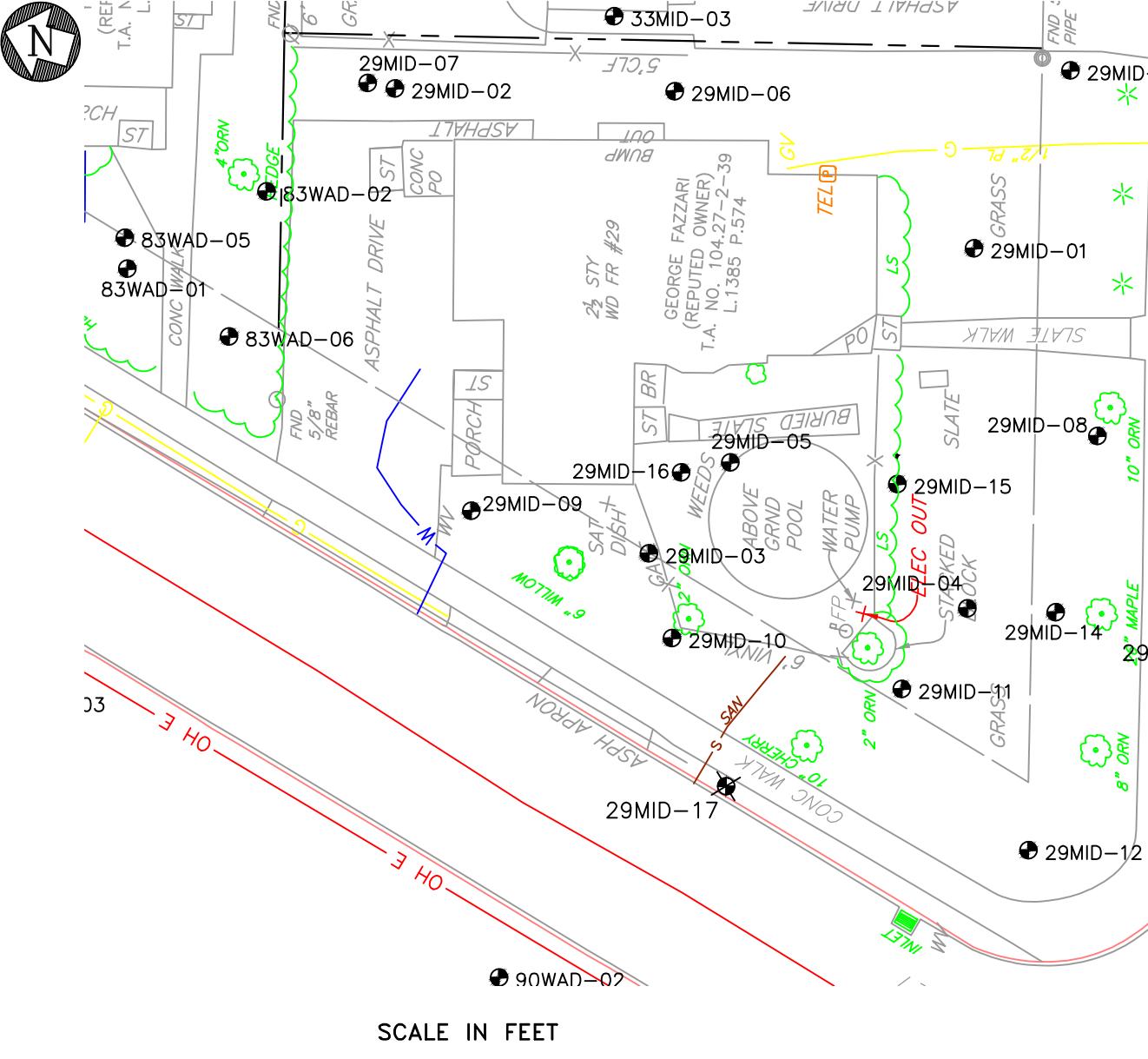


Figure 1-1 Phase 2 Design Parcels
Former Geneva Foundry Site - Site No. C835027A
Geneva, Ontario County, New York

Map Updated: 7/31/2019

A

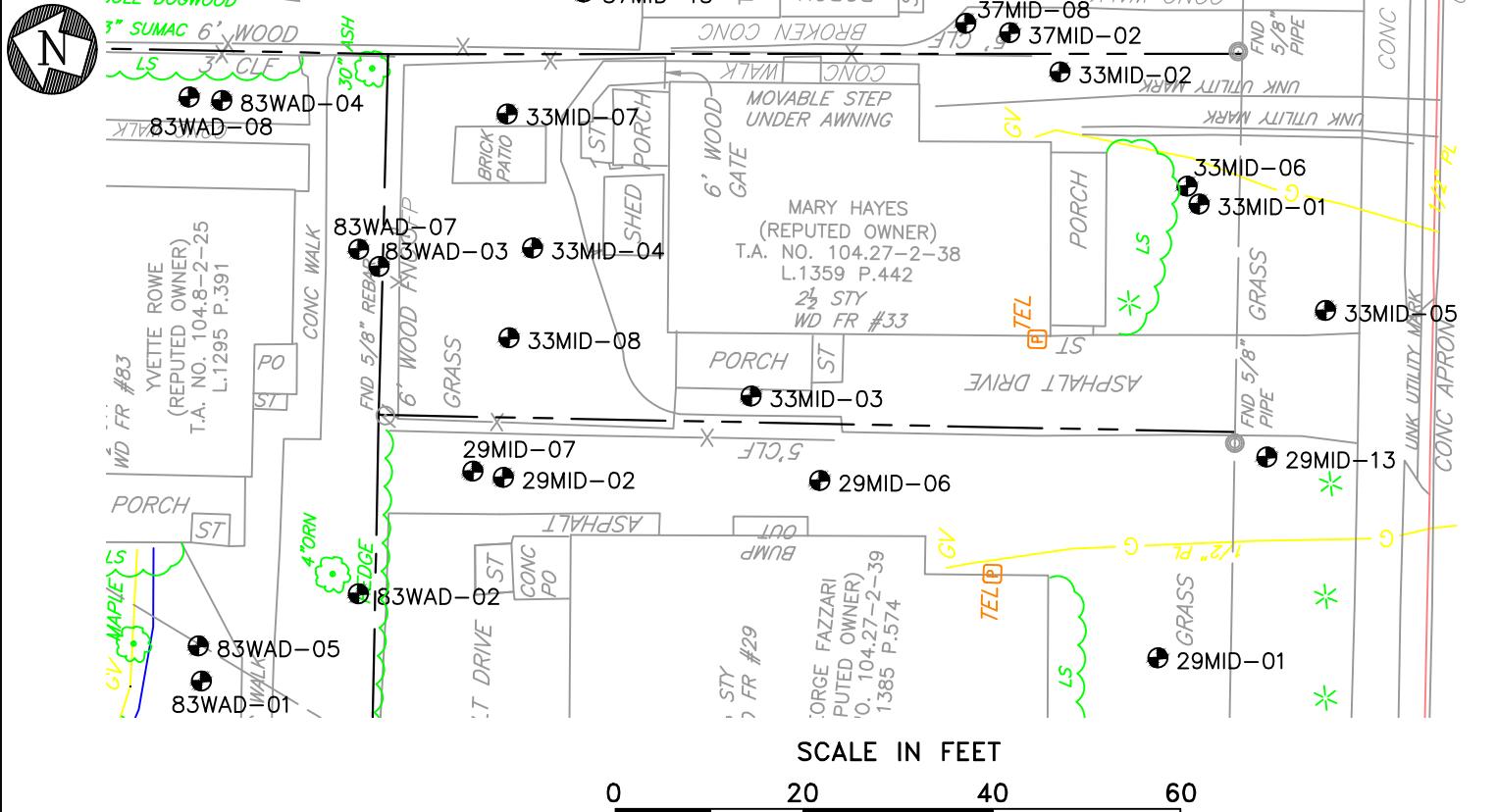
Analytical Results Figures

**NOTES**

- FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
- BASE MAP SURVEY BY FISHER ASSOCIATES.
- ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
- DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

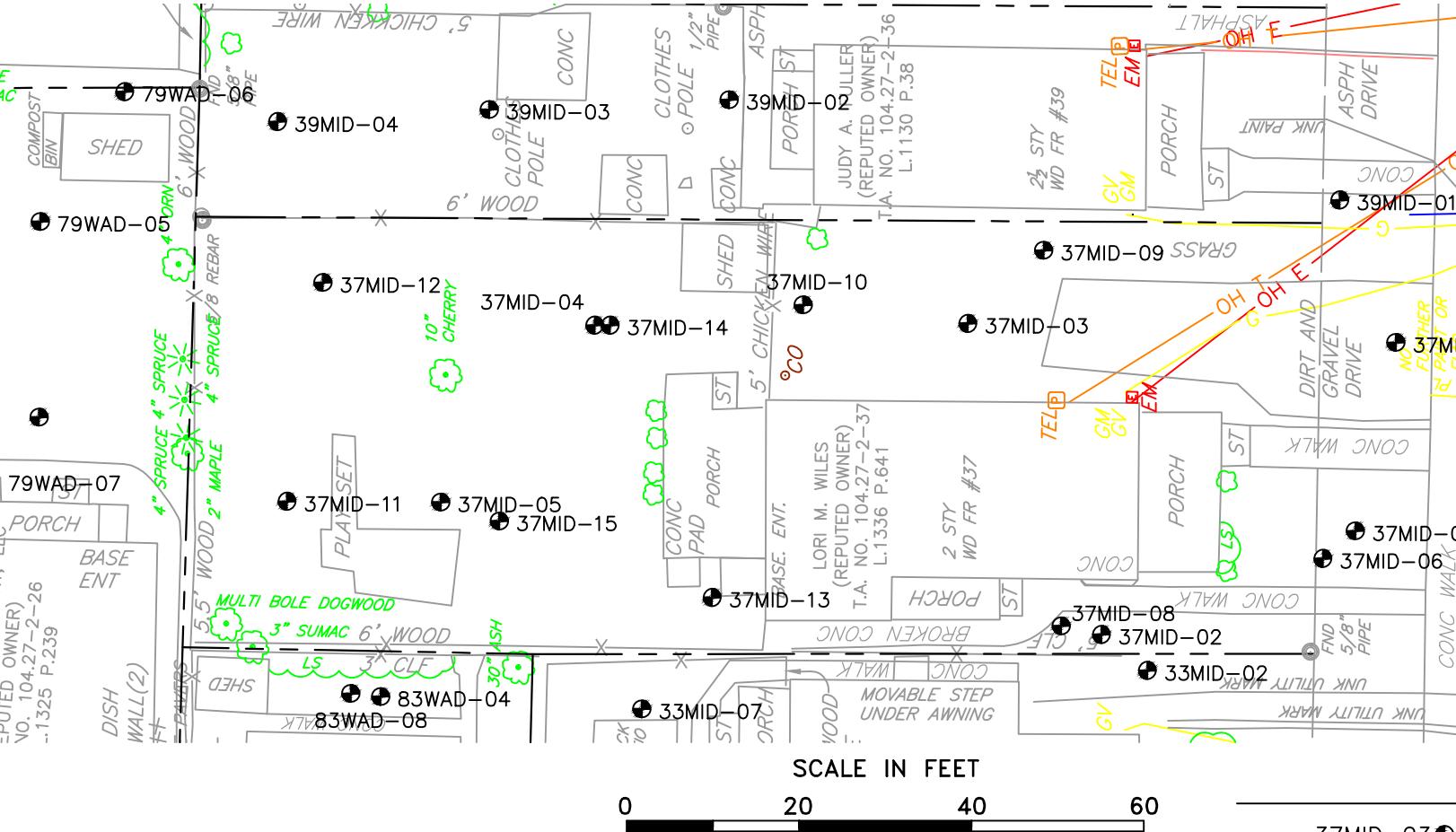
Analytical Results for 29 Middle Street											
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		29MID-01		29MID-02		29MID-03		29MID-04		29MID-05	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	22.4	543	40.5	910	7.7	44.8	28.2	201	20.4	213
2	6	32.5	534	49.5 J	963	8.4	48.3	31.9	229	23.6	219
6	12	9.1	167	25.3	409	21.6	97.4	23.2	152 J	20.0	113

Start Depth (inches)	End Depth (inches)	2017 Analytical Results from 29 Middle Street																									
		Results in milligrams per kilogram (mg/kg)																									
		29MID-06		29MID-07		29MID-08		29MID-09		29MID-10		29MID-11		29MID-12		29MID-13		29MID-14		29MID-15		29MID-16		29MID-17		29MID-18	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead				
0	6	24.2	758	39.5	607	34.6	319 J	11.8	109	22.5	143	77.8	472	63.5	442	17.7	296	32.4	231	36.6	218	20.1	204	2.9	48.9	2.9	13.2
6	12	10.3	160	32.8	331	15.8	143	6.5	59.8	20.2	94.8	31.3	140	31.6	194 J	12.4	132	19.8	106	23.8	131	22.6	206	4.0	28.5	3.5	11.9
12	18	6.4	99.9	7.9	86.2	7.8	128	5.0	47.8	30.5	59.6	5.9	77.2	7.5	95.5	7.5	92.3	6.2	82.3	5.1	27.7	23.7	195	4.2	46.3	3.4	7.5
18	24	4.2	45.6	4.7	14.9	6.1	54.5	3.2	11.5	18.8	80.3	7.4	51.7	10.9	143	3.9	55.3	5.5	71.9	4.4	31.8	7.5	53.7	6.0	92.3	3.6	30.0
24	30																										
30	36																										
36	42																										
42	48																										



Analytical Results for 33 Middle Street								
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)						
		33MID-01		33MID-02		33MID-03		33MID-04
0	2	18.4	181	42.1	1020	32.5	949	51.8
2	6	21.0	255	42.6	880	35.9	1080	61.5
6	12	37.2	250	22.8	151	6.1	37.6	49.6
12	18			9.1	329			
18	24			16.0	295			

2017 Analytical Results from 33 Middle Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		33MID-02B		33MID-05		33MID-06		33MID-07	
0	6			6.0 J	70.5	3.8 J	67.6	36.7	590
6	12			6.6	57.5	3.7 J	57.5	19.6	255
12	18	9.1	329	3.5 J	29.2	4.3 J	63.9	8.9	124
18	24	16.0	295	2.6 J	19.6	1.7 J	28.2	3.7 J	23.7



NOTES
1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTE FLAGGED "J" WAS POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. "N/A" IN TABLE INDICATES THAT A SAMPLE WAS NOT COLLECTED. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

LEGEND

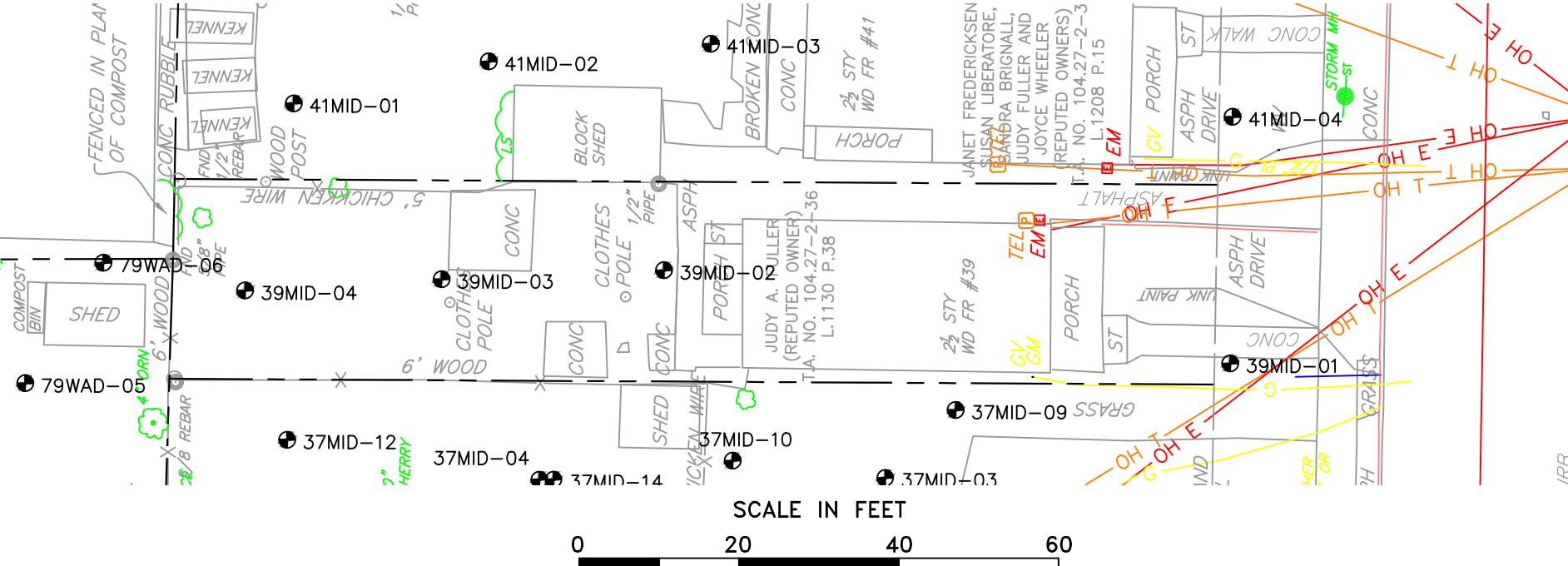
37MID-03	SCREENING OR DESIGN SAMPLE	W	WATER LINE
	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
	EDGE OF WOODS, BRUSH OR LANDSCAPING	UPL	UTILITY POLE
	SANITARY SEWER LINE	UPL L	UTILITY POLE WITH LIGHT
	SANITARY SEWER MANHOLE	L	LIGHT POLE
	SANITARY SEWER CLEANOUT	D	TELEPHONE CONNECTION
	STORM SEWER LINE		
	STORM SEWER MANHOLE		
	STORM SEWER INLET		

Analytical Results for 37 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		37MID-01		37MID-02		37MID-03		37MID-04		37MID-05	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	23.1	275	44.6	2340	26.3	452	37.9	734	16.6J	699
2	6	27.6	335	94.5	2320	28.3	409	32.7	607	13.5	678
6	12	N/A	N/A	40.2	643	16.9	304	34.6	605	12.0	470

2017 Analytical Results from 37 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		37MID-06		37MID-07		37MID-08		37MID-09		37MID-10		37MID-11		37MID-12		37MID-13		37MID-14		37MID-15	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	25.6	283	33.7	483	32.3	2660	20.2	334	29.7	596	18.0	442	18.8	1330	7.8	813J	38.3	594J	34.4	569J
6	12	24.0	289	10.3	53.7J	25.2	1550	28.7	352	43.7	550	16.8	380	17.5	909	7.5	123J	43.8	450J	23.8	354J
12	18	8.0	79.6	2.7	10.6	13.5	461	15.2	181	22.8	343	14.2	264	20.2	924J	5.2	17.8	11.8	196J	13.0	205J
18	24	4.3	40.8	4.9	38.6	6.6	271	4.8	48.9	10.9	269	8.5	143	27.3J	18400J	4.9	12.9	9.3	93.3J	4.9	53.3J
24	30									6.9	113					10.6	63.5				
30	36									2.3	34.7					4.1	13.4				
36	42									2.1	7.7					5.3	9.4				
42	48									1.7	3.2										



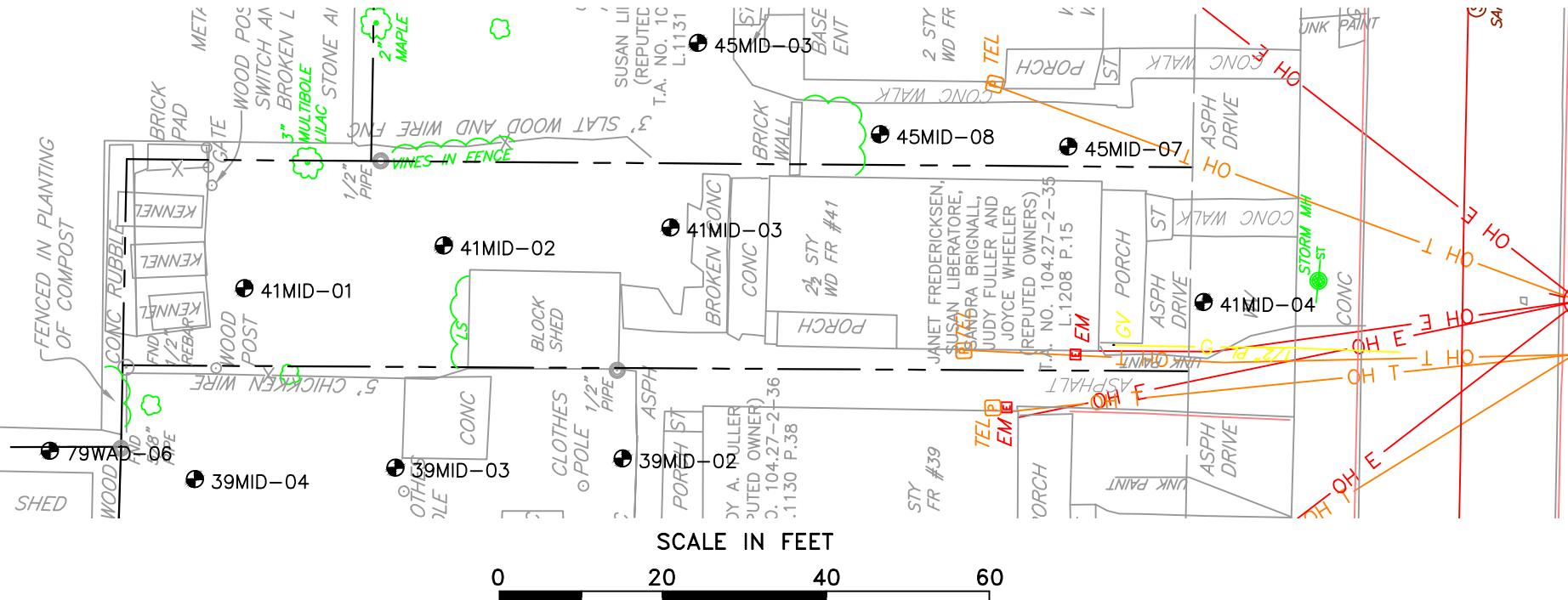
NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

2017 Analytical Results from 39 Middle Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		39MID-01		39MID-02		39MID-03		39MID-04	
0	6	29.5	237	12.0	395	16.6	288	28.2	247
6	12	25.4	188	8.9	259	16.8	263	28.2	259
12	18	13.0	115	9.8	335	11.2	251 J	16.8	233
18	24	4.4	33.3	6.4	118	7.6	47.5	8.8	77.2

LEGEND

39MID-03 ●	SCREENING OR DESIGN SAMPLE	W	WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	UTILITY POLE
— S —	SANITARY SEWER LINE	○ — □	UTILITY POLE WITH LIGHT
(S) SAN MH	SANITARY SEWER MANHOLE	○ — D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	□	TELEPHONE CONNECTION
— ST — ST	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		



## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
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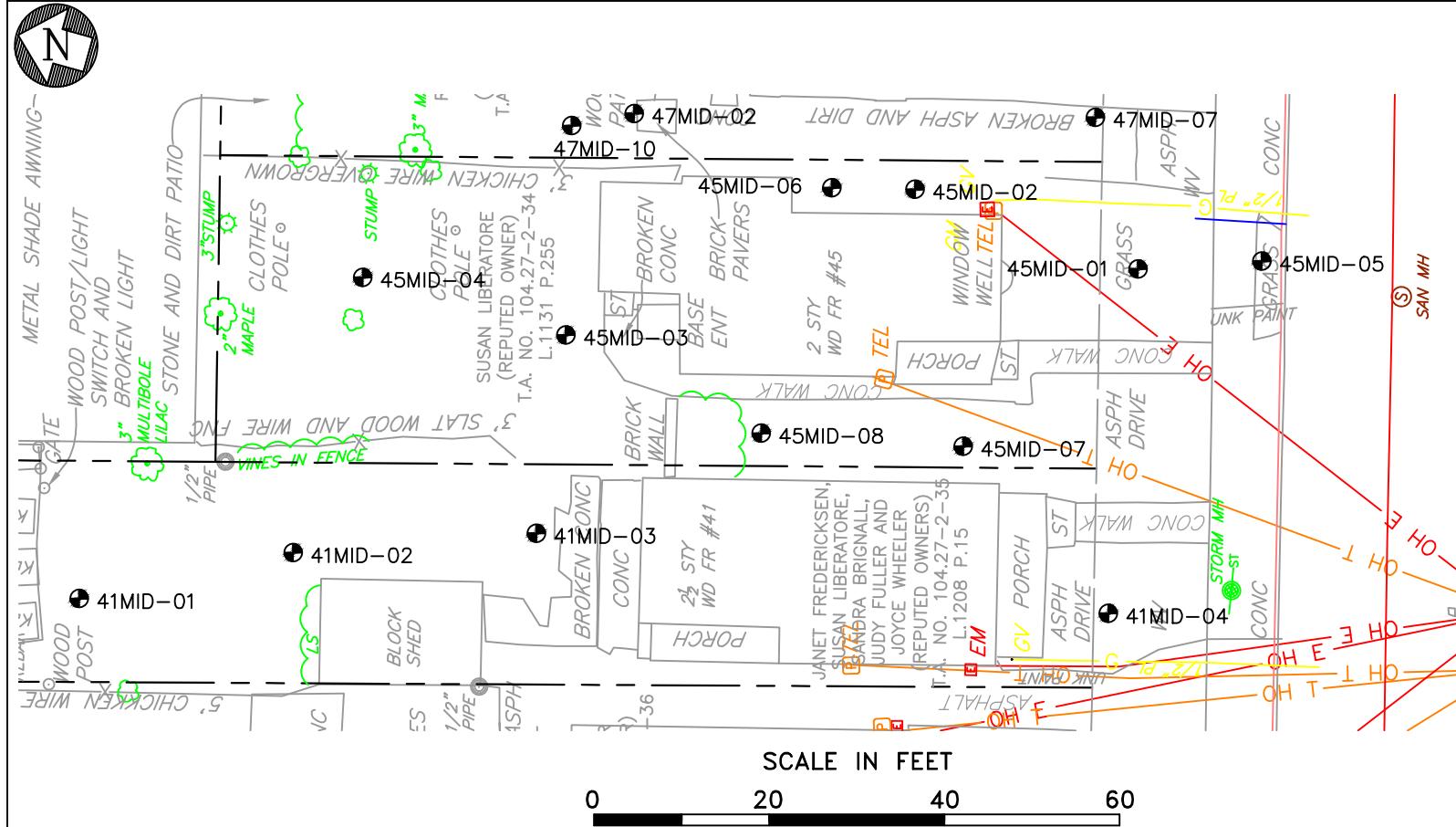
## LEGEND

41MID-03 ●	SCREENING OR DESIGN SAMPLE
— — — PROPERTY LINE/LEASE PARCEL LINE	
— — — RIGHT-OF-WAY LINE	
— — — TAX DIVISION LINE	
X — — — FENCE LINE	
~~~~~ EDGE OF WOODS, BRUSH OR LANDSCAPING	
— S SANITARY SEWER LINE	
⑤ SAN MH SANITARY SEWER MANHOLE	
○ CO SANITARY SEWER CLEANOUT	
— ST STORM SEWER LINE	
● STORM SEWER MANHOLE	
■ STORM SEWER INLET	

W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
OH E	OVERHEAD ELECTRIC LINE
OH T	OVERHEAD TELEPHONE LINE
○	UTILITY POLE
○ — ○	UTILITY POLE WITH LIGHT
○ — D	LIGHT POLE
P	TELEPHONE CONNECTION

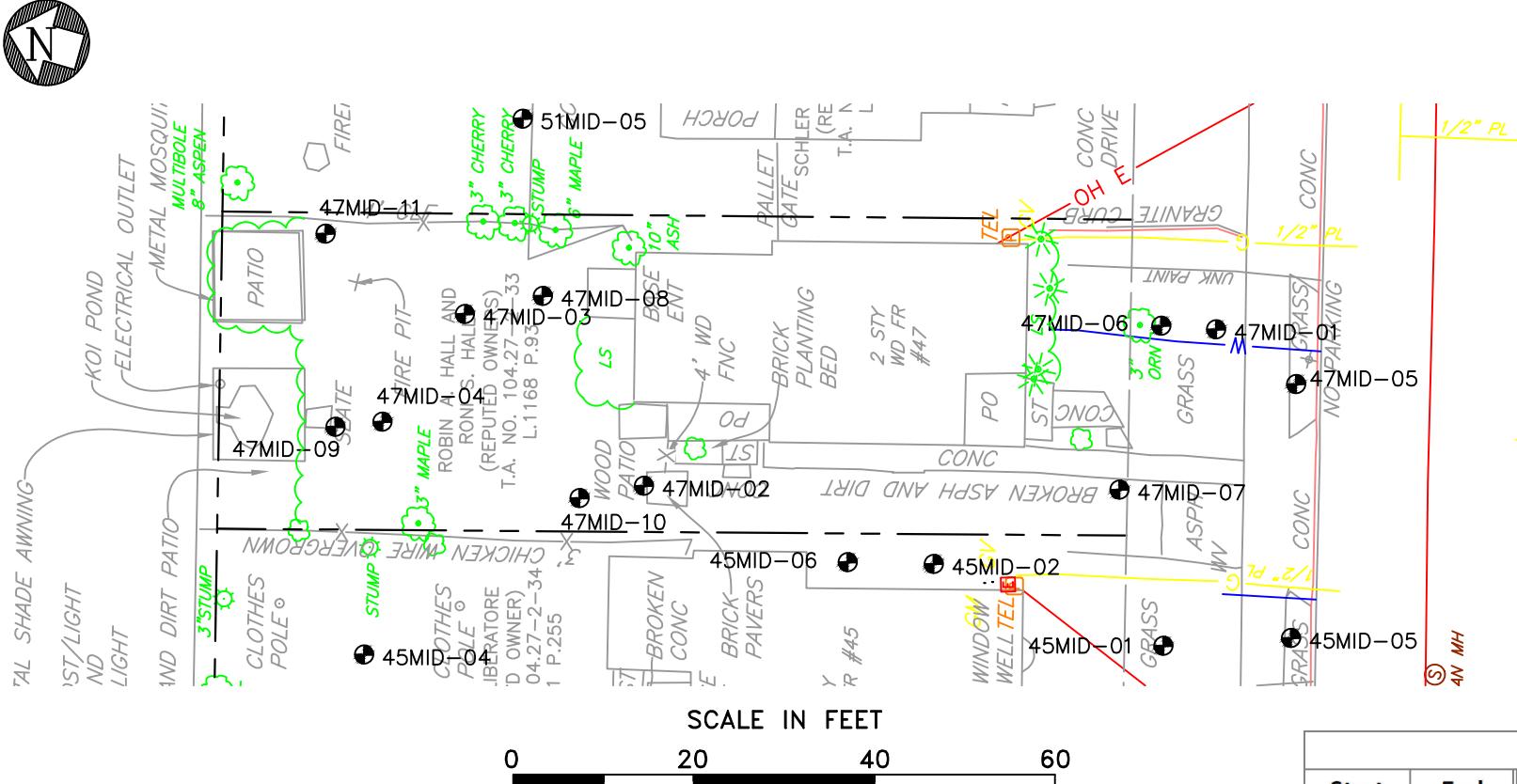
2017 Analytical Results from 41 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		41MID-01		41MID-02		41MID-03		41MID-04	
0	6	9.6	282	9.0	987	8.8	516	7.0	30.9
6	12	11.5	279	10.6	450	7.4	309	5.7	88.1
12	18	7.5	72.5	9.5	164	7.3	174	4.8 J	9.4
18	24	5.0 J	94.5	9.8	68.8	6.0	67.8	6.9	10.5



Analytical Results for 45 Middle Street							
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)					
		45MID-01		45MID-02		45MID-03	
0	2	5.8	55.3	22.8	360	14.4	273
2	6	5.6	48.8	29.5	608	17.6	280
6	12	6.1	52.8	26.8	297	14.5	311
12	18			7.1	60.1		
18	24			4.9	492		
24	30			6.8	38.4		
30	36			5.4	20.3		

2017 Analytical Results from 45 Middle Street							
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)					
		45MID-05		45MID-06		45MID-07	
0	6	4.7J	52.1	20.7	343	4.0J	62.6
6	12	4.9J	23.7	14.5	201	4.5J	146
12	18	9.6	233J	6.9	70.2	1.4 U	7.0
18	24	11.7	54.6	5.8	45.6	2.1J	5.4
24	30						
30	36						



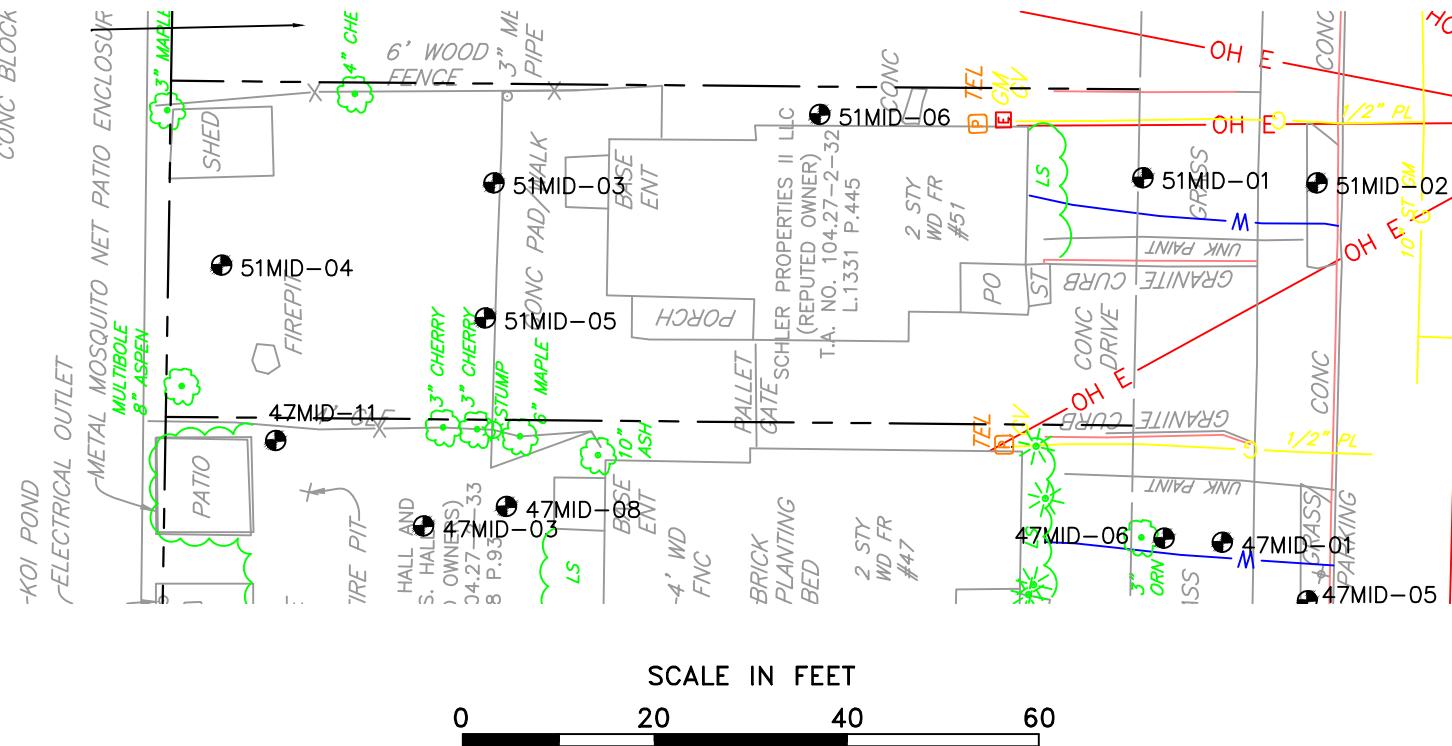
NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
 2. BASE MAP SURVEY BY FISHER ASSOCIATES.
 3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
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LEGEND

47MID-06	SCREENING OR DESIGN SAMPLE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE
— — — — —	RIGHT-OF-WAY LINE
— — — — —	TAX DIVISION LINE
X	FENCE LINE
wavy line	EDGE OF WOODS, BRUSH OR LANDSCAPING
S	SANITARY SEWER LINE
(S) SAN MH	SANITARY SEWER MANHOLE
CO	SANITARY SEWER CLEANOUT
ST ST	STORM SEWER LINE
circle with dots	STORM SEWER MANHOLE
rectangle with dots	STORM SEWER INLET
W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
OH E	OVERHEAD ELECTRIC L
OH T	OVERHEAD TELEPHONE
circle with dot	UTILITY POLE
circle with dot and square	UTILITY POLE WITH LIG
circle with dot and D	LIGHT POLE
P	TELEPHONE CONNECTION





SCALE IN FEET

A horizontal number line starting at 0 and ending at 40. There are tick marks at intervals of 10, labeled 0, 20, and 40.

LEGEND

	SCREENING OR DESIGN SAMPLE
	PROPERTY LINE/LEASE PARCEL LINE
	RIGHT-OF-WAY LINE
	TAX DIVISION LINE
	FENCE LINE
	EDGE OF WOODS, BRUSH OR LANDSCAPING
	SANITARY SEWER LINE
	SANITARY SEWER MANHOLE
	SANITARY SEWER CLEANOUT
	STORM SEWER LINE
	STORM SEWER MANHOLE
	STORM SEWER INLET
	WATER LINE
	ELECTRIC METER
	NATURAL GAS LINE
	OVERHEAD ELECTRIC LINE
	OVERHEAD TELEPHONE
	UTILITY POLE
	UTILITY POLE WITH LIGHT
	LIGHT POLE
	TELEPHONE CONNECTION

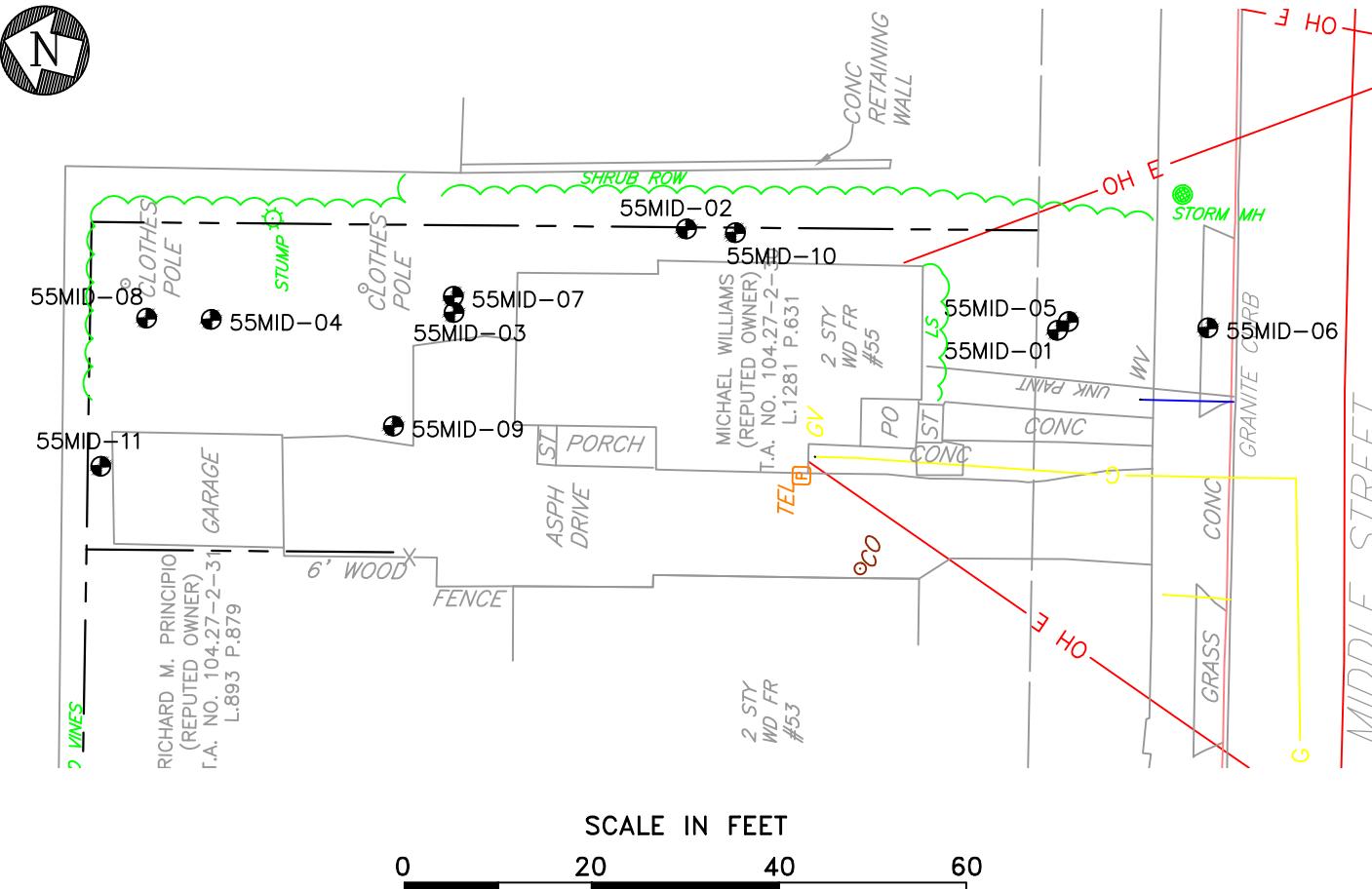
1

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
 2. BASE MAP SURVEY BY FISHER ASSOCIATES.
 3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
 4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

2017 Analytical Results from 51 Middle Street

2017 Analytical Results from 51 Middle Street													
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		51MID-01		51MID-02		51MID-03		51MID-04		51MID-05		51MID-06	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	46.7	227	3.6 J	15.0	10.2	540	7.9	129	10.8	195	99.7	2260
6	12	21.7	105	7.9	40.1	13.8	410	10.9	392	15.2	294	62.2	383
12	18	19.5	94.3	5.4	70.3	8.4	160 J	15.8	255	11.0	138	9.6	29.8
18	24	13.1	59.7	8.1	36.4	9.3	56.1	20.6	187	8.3	57.2	9.2	76.8
24	30	5.7	13.5 J					12.9	43.3				
30	36	6.3	13.9					6.6	20.2				
36	42	3.6	6.1					5.6	9.1				





SCALE IN FEET
0 20 40 60

NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

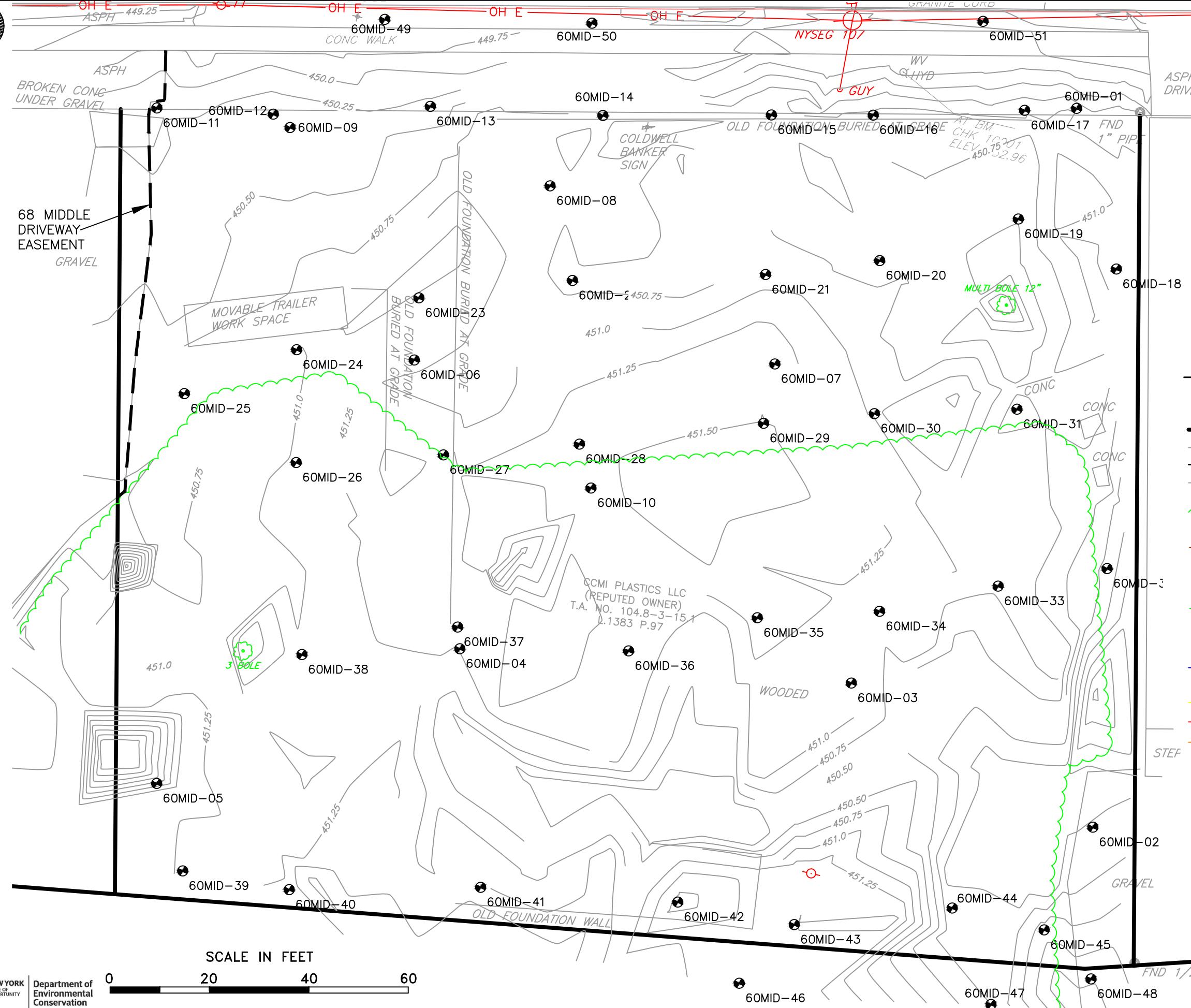
LEGEND	
55MID-05 (●)	SCREENING OR DESIGN SAMPLE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE
— — — — —	RIGHT-OF-WAY LINE
— — — — —	TAX DIVISION LINE
— X — — —	FENCE LINE
— S — — —	EDGE OF WOODS, BRUSH OR LANDSCAPING
— S — — —	SANITARY SEWER LINE
⑤ SAN MH	SANITARY SEWER MANHOLE
○ CO	SANITARY SEWER CLEANOUT
— ST — — —	STORM SEWER LINE
● SAN MH	STORM SEWER MANHOLE
■ SAN IN	STORM SEWER INLET
W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
OH E	OVERHEAD ELECTRIC LINE
OH T	OVERHEAD TELEPHONE LINE
U	UTILITY POLE
U-L	UTILITY POLE WITH LIGHT
L	LIGHT POLE
T	TELEPHONE CONNECTION

Analytical Results for 55 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		55MID-01		55MID-02		55MID-03		55MID-04	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	33.9	258	6.8	215	13.4	605	9.4	344
2	6	38.7	278	8.4	263	11.0	707	18.9	359
6	12	14.2	89.8	12.1	1030	18.5	2390	14.0	492

2017 Analytical Results from 55 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		55MID-05		55MID-06		55MID-07		55MID-08		55MID-09		55MID-10	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	24.3	204	5.8	103	14.2	670	9.9	394	8.0	447	7.9	331
6	12	19.2	148	6.9	123	9.7	381	10.1	421	9.4	419	10.4	581
12	18	5.4 J	32.4	6.0	80.1	7.0	333	12.5	612	11.0	386	10.7	81.6
18	24	6.2	62.6	5.8	58.2	6.3	1650	16.3	305	9.4	248	5.1	11.5
24	30					8.2	41.4	15.6	39.8			7.6	58.4
30	36					5.7	14.0	8.7	14.6			5.0	13.5
36	42							6.3 J	14.3				
42	48							4.6	7.9				

**NOTES**

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.

LEGEND

60MID-21	● SCREENING OR DESIGN SAMPLE
—	PROPERTY LINE/LEASE PARCEL LINE
—	RIGHT-OF-WAY LINE
—	TAX DIVISION LINE
X	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
— S — S —	SANITARY SEWER LINE
SAN MH (S)	SANITARY SEWER MANHOLE
% CO	SANITARY SEWER CLEANOUT
— ST — ST — ST —	STORM SEWER LINE
●	STORM SEWER MANHOLE
■	STORM SEWER INLET
— W —	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
— OH E —	OVERHEAD ELECTRIC LINE
— OH T —	OVERHEAD TELEPHONE LINE
○	UTILITY POLE
○ D	UTILITY POLE WITH LIGHT
P	LIGHT POLE
	TELEPHONE CONNECTION
	OU3 PROJECT BOUNDARY

Department of  
Environmental  
Conservation

SCALE IN FEET

0 20 40 60

**ANALYTICAL RESULTS**  
**60 MIDDLE STREET – SHEET 1 OF 2**  
**FORMER GENEVA FOUNDRY,**  
**AIR DEPOSITION AREA OU3**  
**GENEVA, ONTARIO COUNTY, NEW YORK**

## Analytical Results for 60 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		60MID-01		60MID-02		60MID-03		60MID-04		60MID-05		60MID-06		60MID-07		60MID-08		60MID-09		60MID-10	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	7.5	306	11.9	262	18.3	408	72.1	2760	10	893	31.4	1440	28.8	382	7.0	301	6.6	185	10.9	366
2	6	6.8	313	N/A	N/A	12.2	185	73.6	2700	11.8	844	11.1	18500	22.4	529	5.3	162	6.5	193	22.1	575
6	12	6.6	298	N/A	N/A	18.1	528	77.5	1420	6.8	335	N/A	N/A	N/A	N/A	N/A	N/A	8.9	493	N/A	N/A

## 2018 Analytical Results for 60 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																	
		60MID-11		60MID-12		60MID-13		60MID-14		60MID-15		60MID-16		60MID-17		60MID-18		60MID-19	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	4.1	70.4	5.5	168	5.8	351	4.5	347	12.4	834	7.1	515	8.3	570	4.6	193	11.2	452
6	12	8.9	1870	11.7	993	6.8	1750	11.1	1150	18.1	1860	9.8	686	25.2	1310	4.1	162	35.1	1660
12	18	2.0J	143	5.7	234	14.2	5490	23.9	1360	21.2	1350	10.2	996	8.7	356	5.7	180	19.9	23300
18	24	8.6	19.1	11.3	12.6	8.0	120	6.3	161	14.4	304	10.4	217	7.3	300	11.2	5620	13.3	6250

## 2018 Analytical Results for 60 Middle Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		60MID-20		60MID-21		60MID-22		60MID-23		60MID-24		60MID-25		60MID-26		60MID-27	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	9.0	472	14.5	372	228	18600	22.5	2020	4.9	1520	7.7	374	6.8	2960 J	36.3	14800
6	12	15.1	346	19.7	397	94.5	5350	13.9	3240	3.5	12.8	3.7	304	3.7	95.8	11.9	1050
12	18	19.6	145	34.2	949	20.0	2500	1.5 J	56.7	3.4	13.3	2.1 J	6.1	2.5	104	2.5	14.1
18	24	25.5	2580	36.5	2130	1.3 J	12.1	0.43 U	3.5	3.1	11.5	1.9 J	9.6	2.1	10.7	15.5	8.2
																2.6	45.9

2018 Analytical Results for 60 Middle Street

		2017 Analytical Results for 33 Middle Street																			
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		60MID-29		60MID-30		60MID-31		60MID-32		60MID-33		60MID-34		60MID-35		60MID-36		60MID-37			
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	10.2	129	18.3	1770	11.9	888	11.1	1330	18.6	296	33.8	619	53.0	1120	27.8	685	21.6	3060	36.8	2800
6	12	16.2	2010	12.0	874	15.1	711	23.5	4330	145	803	15.6	212	31.0	2350	27.0 J	250	30.7	7690	19.0	1490
12	18	N/A	N/A	13.5	428	13.9	3530 J	46.3	6000	52.5	11900	5.0	198	21.3	2110	5.4	28.2 J	21.3	6210	16.2	343
18	24	N/A	N/A	N/A	N/A	7.0	124 J	25.3	15.0	38.5	46400	5.3	94.4	5.3	22.9	3.8	45.9	2.9	261	13.3	134

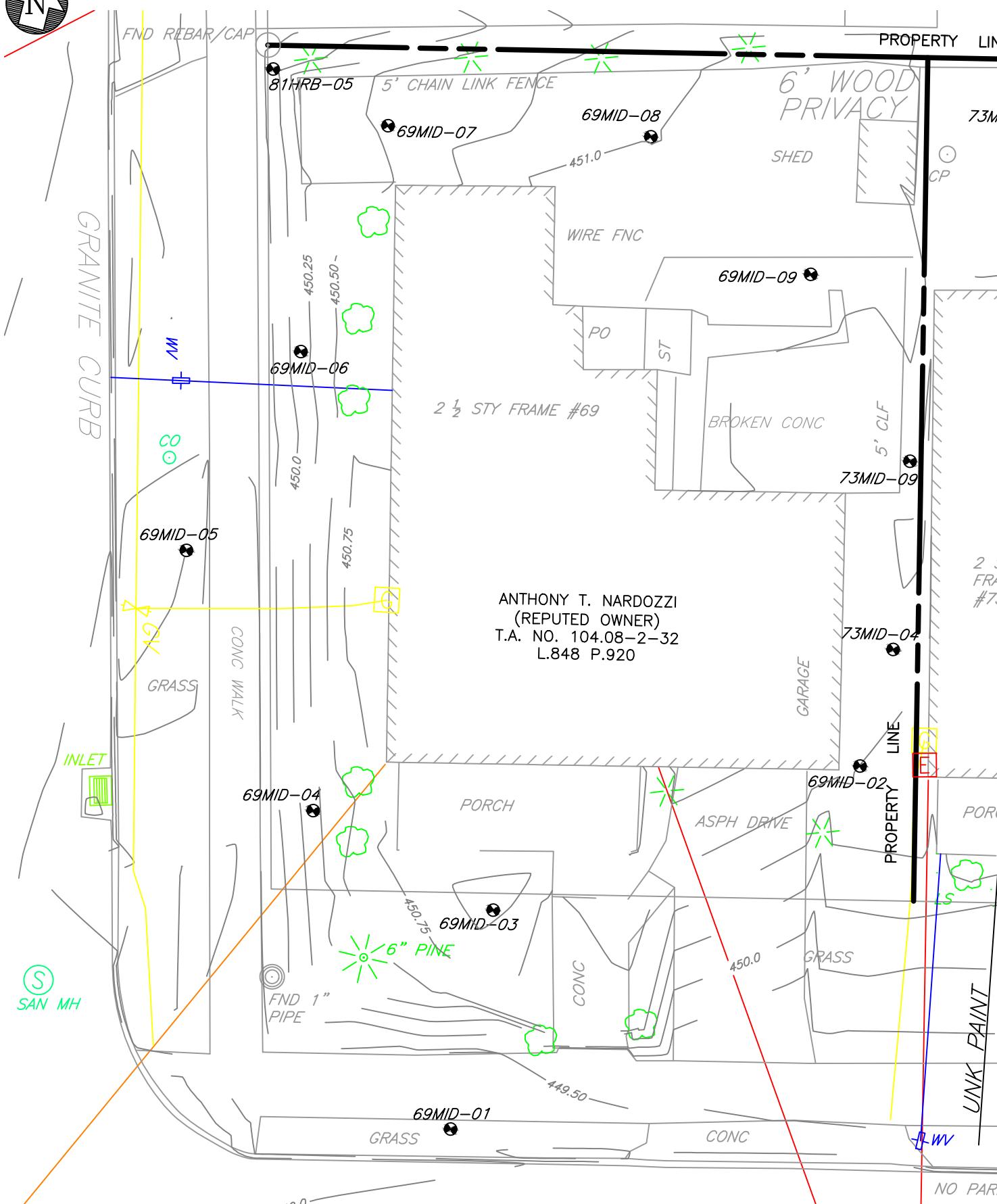
2018 Analytical Results for 60 Middle Stream

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																									
		60MID-39		60MID-40		60MID-41		60MID-42		60MID-43		60MID-44		60MID-45		60MID-46		60MID-47		60MID-48		60MID-49		60MID-50		60MID-51	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	6.9	858	10.2	689	15.5	552	36.4	357	13.5	304	26.9	201	5.5	125	10.3	154	7.4	78.9	9.7	128	5.1	79.8	3.9	13.1	4.9	18.1
6	12	7.5	1750	19.8	910	11.8	636	139	1530	8.5	851	12.3	33.0	4.9	61.1	15.8	141 J	7.9	149	5.3	7.9	N/A	N/A	5.0	155	3.5	14.2
12	18	6.4	146	8.3	257	2.4 J	7.5	4.4	28.3	13.1	492	15.3	400	16.2	197	7.6	163	4.8	12.5	4.5	8.3	N/A	N/A	4.1	121	8.8	354
18	24	5.2	20.5	2.8	25.7	2.9	24.5	8.0	163	13.3	378	3.2	112	16.5	655	4.9	14.8	4.6	40.4	5.2	38.2	N/A	N/A	4.0	80.6	7.0	344



Department of  
Environmental  
Conservation

**ANALYTICAL RESULTS  
60 MIDDLE STREET - SHEET 2 OF 2  
FORMER GENEVA FOUNDRY,  
AIR DEPOSITION AREA OU3  
GENEVA, ONTARIO COUNTY, NEW YORK**



## LEGEND

60CTR-03	SCREENING OR DESIGN SAMPLE			WATER LINE
	PROPERTY LINE/LEASE PARCEL LINE			ELECTRIC METER
	RIGHT-OF-WAY LINE			NATURAL GAS LINE
	TAX DIVISION LINE			OVERHEAD ELECTRIC LINE
	FENCE LINE			OVERHEAD TELEPHONE LINE
	EDGE OF WOODS, BRUSH OR LANDSCAPING			UTILITY POLE
	SANITARY SEWER LINE			UTILITY POLE WITH LIGHT
	SANITARY SEWER MANHOLE			LIGHT POLE
	SANITARY SEWER CLEANOUT			TELEPHONE CONNECTION
	STORM SEWER LINE			
	STORM SEWER MANHOLE			
	STORM SEWER INLET			

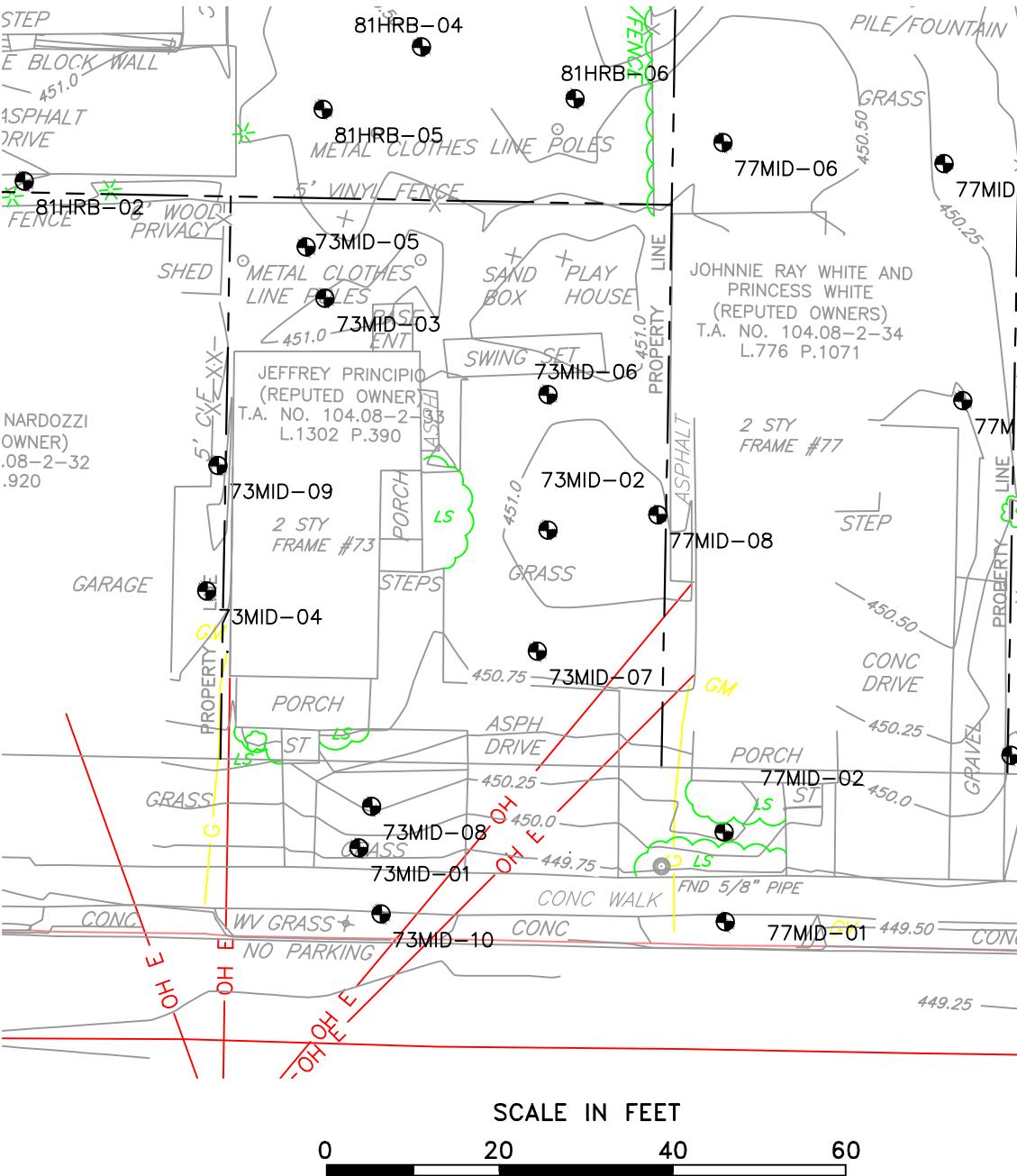
## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.

2018 Analytical Results for 69 Middle Street																	
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		69MID-01		69MID-02		69MID-03		69MID-04		69MID-05		69MID-06		69MID-07		69MID-08	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	6.7	31.4	57.3	619	34.3	768	50.9	736	13.4	169	13.6	467	12.4	304	14.7	701
6	12	4.2	13.6	27.3	263	21.0	600	21.2	307	27.9	337	11.3	326	13.0	311	18.1	592
12	18	7.0	53.3	45.8	363	17.6	386	11.9	238	30.5	347	14.0	405	15.8	302 J	10.4	290
18	24	11.8	117	21.6	48.1	7.1	96.3	28.1	348	15.7	186	14.3	703	13.1	279	17.2	387
24	30			5.5	160			8.2	75			27	802				15
30	36			8.0	130			7.4	140			6.0	61				15
36	42																
42	48																

## NOTES

- 
1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
  2. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
  3. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.



73MID-09	SCREENING OR DESIGN SAMPLE		
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	W	WATER LINE
— — — — —	RIGHT-OF-WAY LINE	E	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
X	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
wavy green line	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	UTILITY POLE
S	SANITARY SEWER LINE	○ - □	UTILITY POLE WITH LIGHT
(S) SAN MH	SANITARY SEWER MANHOLE	○ - D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
ST — ST	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		

Analytical Results for 73 Middle

Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	73MID-01		73MID-02		73MID-03		73MID-04	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	31.6	435	6.3	253	16.6	1310	49.9	J 142
2	6	36.5	3710	9.8	556	18.9	1460	65.9	148
6	12	37.7	497	10.1	525	13.4	1220	28.0	40
12	18			8.4	439			20.3	33
18	24			17.0	374			13.2	45
24	30			30.5	142			3.9	19
30	36			6.9	41.0			12.0	95
36	42			3.6	8.3				

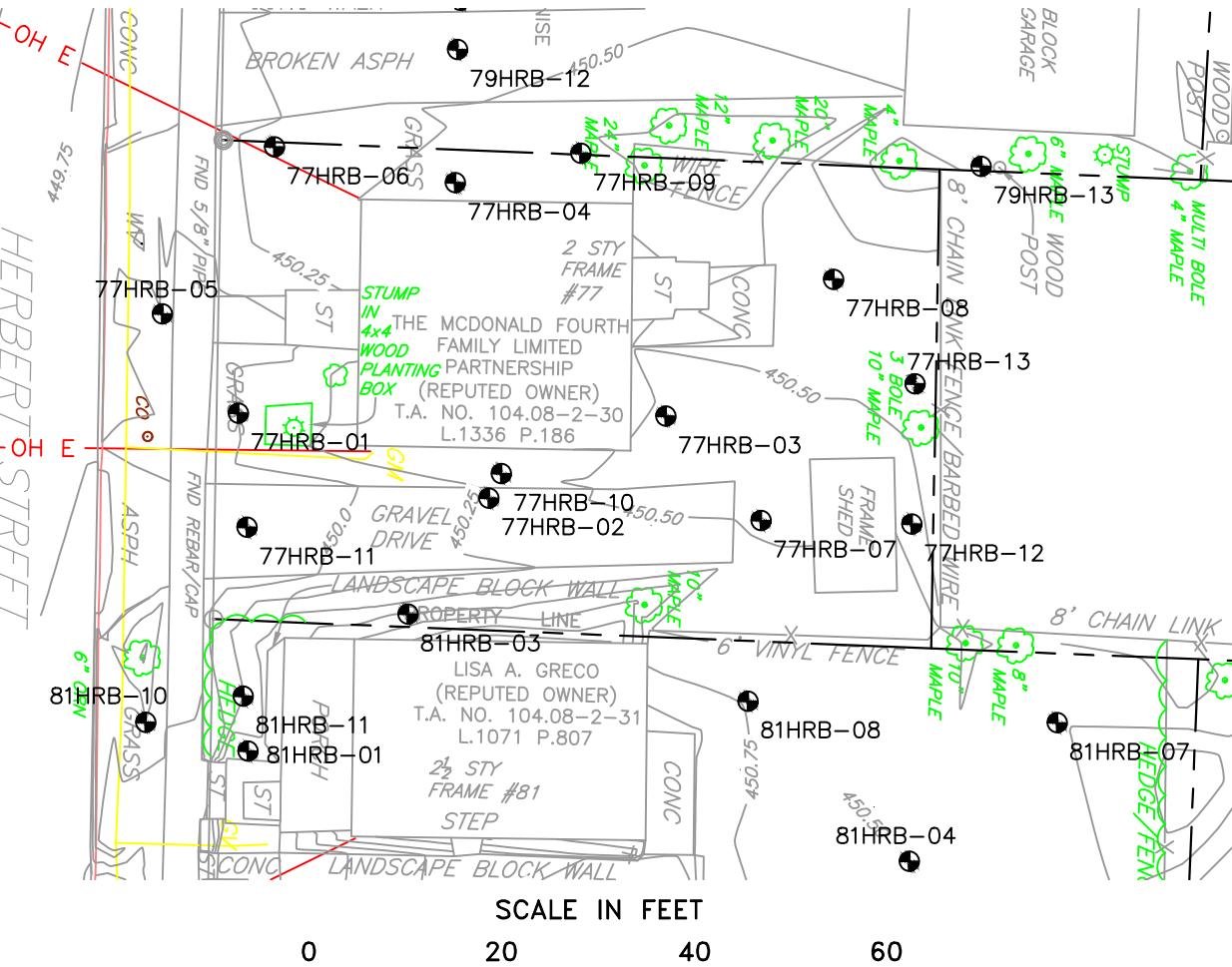
2017 Analytical Results from 73 Middle

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		73MID-05		73MID-06		73MID-07		73MID-08		73MID-09	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	15.6	<b>1280</b>	10	<b>926 J</b>	4.5	87.5	<b>31.2</b>	<b>409</b>	<b>47.9</b>	<b>2270</b>
6	12	14.7	<b>1360</b>	10.2	<b>1400</b>	5.4	175	<b>26.9</b>	251	<b>23.1</b>	274
12	18	10.3	<b>569</b>	9.9	<b>653</b>	5.5	189	10.8	113	12.9	85.9
18	24	6.7	118 J	14.0	<b>694</b>	8.7	82.7	5.6	21.7	3.6	86.0
24	30	8.1 J	341	<b>18.4</b>	<b>616</b>						
30	36	5.8	94.9	<b>22.0</b>	191						
36	42	2.9	25.5	3.4	17.4						
42	48			2.3	9.7						

## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
  2. BASE MAP SURVEY BY FISHER ASSOCIATES.
  3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
  4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.





## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTICS FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. "N/A" IN TABLE INDICATES THAT A SAMPLE WAS NOT COLLECTED. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

## LEGEND

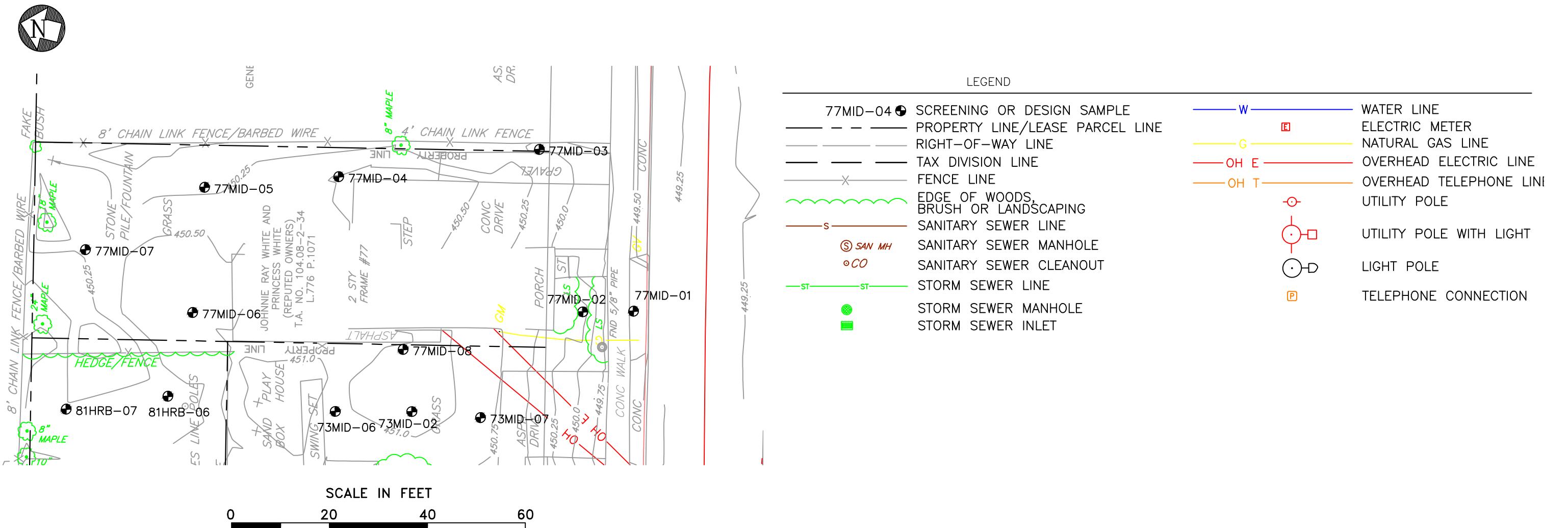
77HRB-03	● SCREENING OR DESIGN SAMPLE	<span style="color: blue;">—</span> W WATER LINE
	— PROPERTY LINE/LEASE PARCEL LINE	<span style="color: black;">—</span> E ELECTRIC METER
	— RIGHT-OF-WAY LINE	<span style="color: yellow;">—</span> G NATURAL GAS LINE
	— TAX DIVISION LINE	<span style="color: red;">—</span> OH E OVERHEAD ELECTRIC LINE
	— FENCE LINE	<span style="color: orange;">—</span> OH T OVERHEAD TELEPHONE LINE
	— EDGE OF WOODS, BRUSH OR LANDSCAPING	<span style="color: red;">○</span> UTILITY POLE
	— SANITARY SEWER LINE	<span style="color: red;">○</span> ■ UTILITY POLE WITH LIGHT
	● SANITARY SEWER MANHOLE	<span style="color: black;">○</span> □ LIGHT POLE
	○ CO SANITARY SEWER CLEANOUT	<span style="color: black;">●</span> D TELEPHONE CONNECTION
	— STORM SEWER LINE	
	● STORM SEWER MANHOLE	
	■ STORM SEWER INLET	

## Analytical Results for 77 Herbert Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		77HRB-01		77HRB-02		77HRB-03		77HRB-04	
0	2	48.3	626	32.8	821	21.6	578	25.3	386
2	6	58.4	838	39.4 J	1090	35.0	666	25.1	444
6	12	71.6	826	68.9	2460	36.1	804	28.4	422
12	18	27.9	310					19.0	649
18	24	7.8	217					27.2	450
24	30							2.8	21.0
30	36							3.7	6.6

## 2017 Analytical Results from 77 Herbert Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		77HRB-05		77HRB-06		77HRB-07		77HRB-08		77HRB-09		77HRB-10		77HRB-11		77HRB-12	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	11.3	241	15.4	319	19.6	734	49.5	719	25.1	336	67.8	1620	19.8	244	19.2	403
6	12	11.6	178	8.0	119	33.0	622	45.9	474	25.8	406	33.8	1050	11.3	245	7.8	161
12	18	6.0	90.6	6.3	97.1	13.2	360	15.2	521	14.4	189	19.8	539	10.8	184	16.0	279 J
18	24	3.1	23.2	5.8	60.2	10.1	341 J	6.4	50.5	4.1	33.0	28.5	707	4.4	28.2	28.9	485
24	30							5.7	17.2			9.1	143			23.6	448
30	36							4.9	14.4			8.6	89.6			5.9	38.6
36	42							6.1 J	18.8			4.3	19.2			5.7	17.2



## NOTES

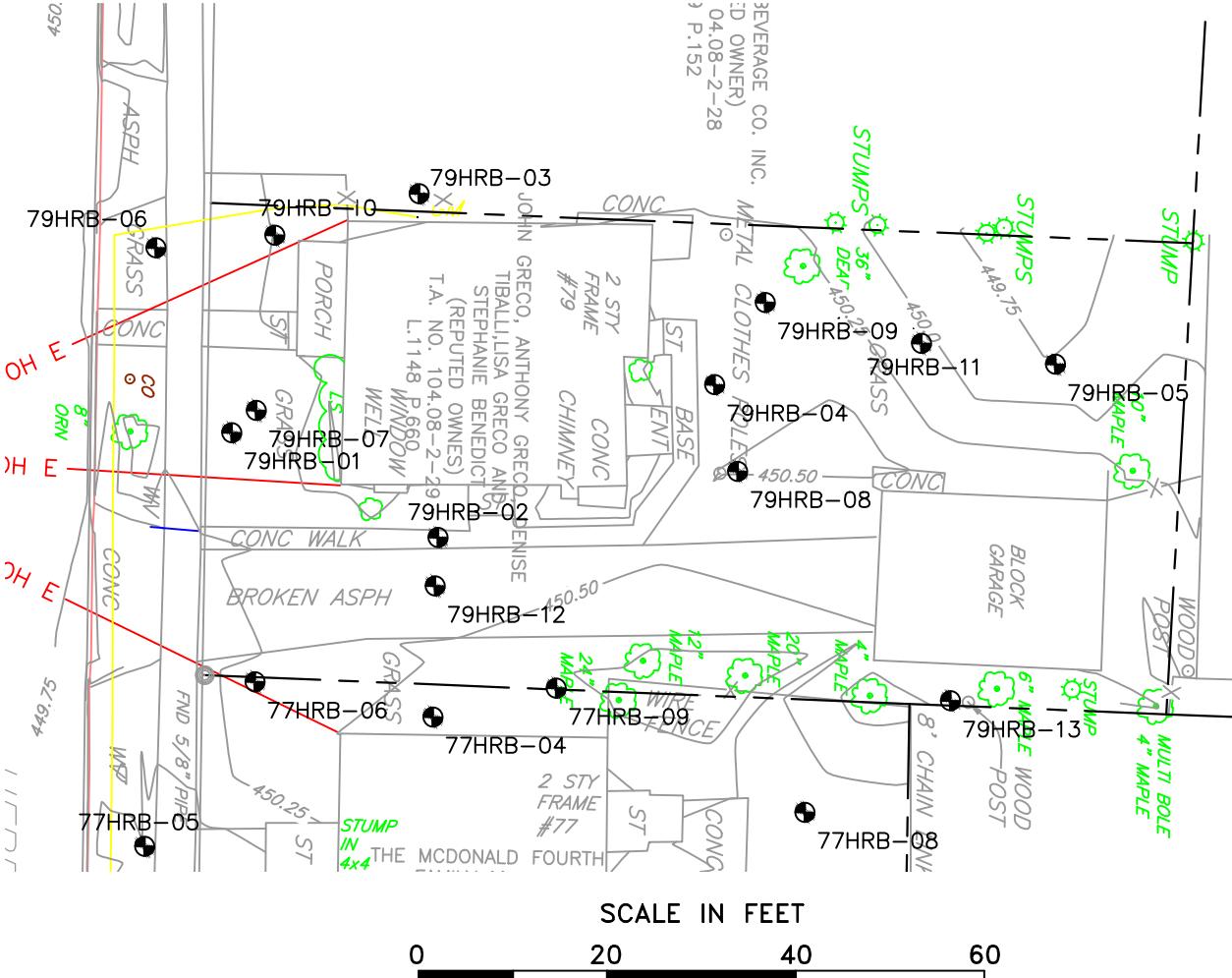
1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
  2. BASE MAP SURVEY BY FISHER ASSOCIATES.
  3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
  4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

2017 Analytical Results from 77 Middle Street																	
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		77MID-01		77MID-02		77MID-03		77MID-04		77MID-05		77MID-06		77MID-07		77MID-08	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	8.3	149	16.5	375	8.6	385	8.6	531	8.7	1680	31.2 J	749	14.1	539	11.2	592
6	12	4.0	38.8	15.6	291	10.5	561	15.6	1570	11.9	1580	12.3	344 J	10.1	1460	9.4	403
12	18	3.5	26.2	13.6	229	7.4	217	9.1	234	14.9	2900	9.4	290	17.3	2040	5.9	162
18	24	10.8	192	4.3	31.7	7.6	137	5.7	168	11.9	880	11.5	269	10.5	469	4.0	50.8
24	30									22.9	1570			12.8	499		
30	36									9.0	220			5.1	158		
36	42									4.3	26.1			3.8	23.4		



Department of  
Environmental  
Conservation

**ANALYTICAL RESULTS  
77 MIDDLE STREET  
FORMER GENEVA FOUNDRY,  
AIR DEPOSITION AREA OU3  
GENEVA, ONTARIO COUNTY, NEW YORK**



79HRB-04	SCREENING OR DESIGN SAMPLE		
-----	PROPERTY LINE/LEASE PARCEL LINE	W	WATER LINE
-----	RIGHT-OF-WAY LINE	E	ELECTRIC METER
-----	TAX DIVISION LINE	G	NATURAL GAS LINE
X	FENCE LINE	OH E	OVERHEAD ELECTRIC LINE
wavy green	EDGE OF WOODS, BRUSH OR LANDSCAPING	OH T	OVERHEAD TELEPHONE LINE
S	SANITARY SEWER LINE	O	UTILITY POLE
(S) SAN MH	SANITARY SEWER MANHOLE	O-L	UTILITY POLE WITH LIGHT
(O) CO	SANITARY SEWER CLEANOUT	O-D	LIGHT POLE
ST ST	STORM SEWER LINE	P	TELEPHONE CONNECTION
(S)	STORM SEWER MANHOLE		
(S)	STORM SEWER INLET		

Analytical Results for 79 Herbert Str

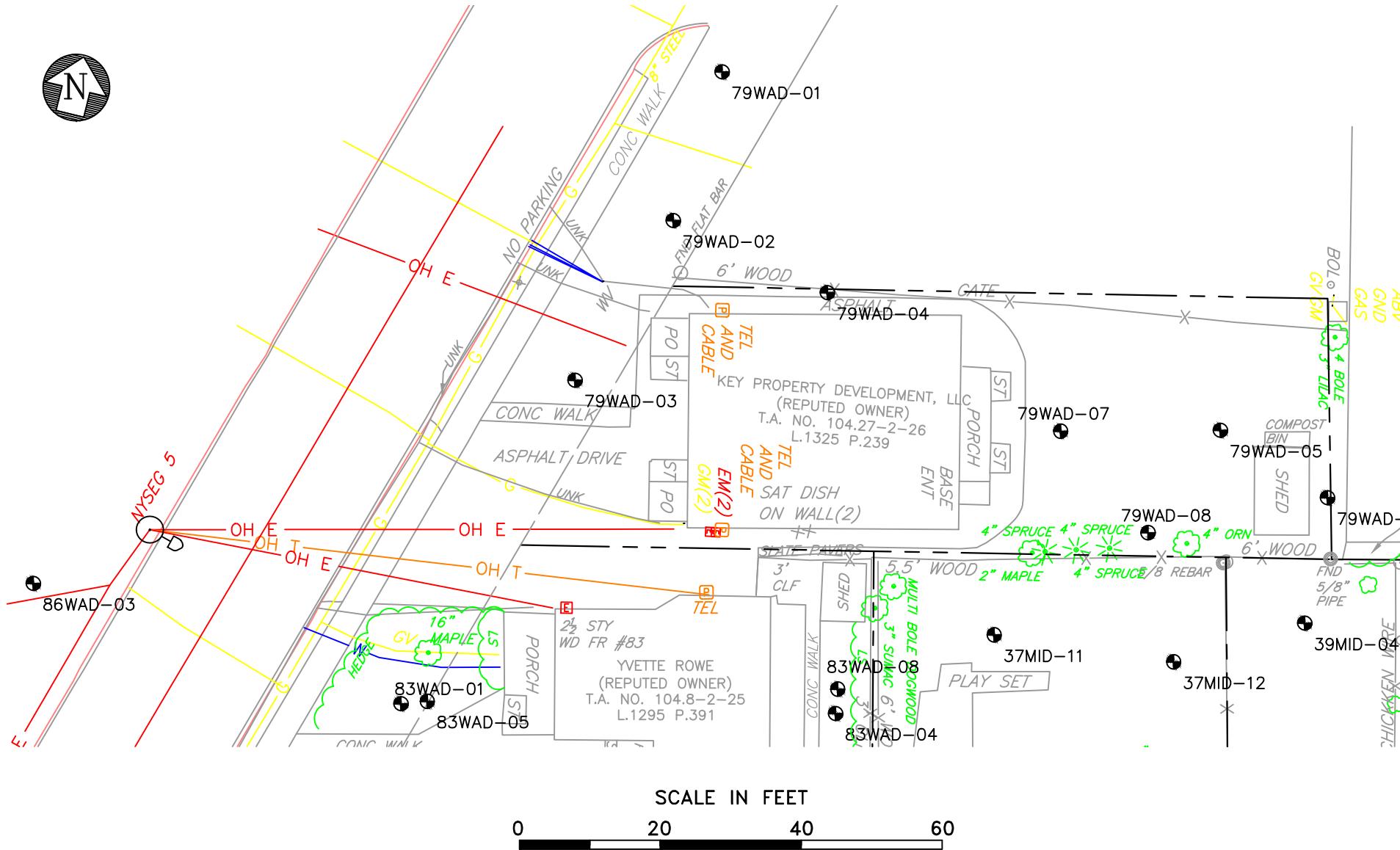
Analytical Results for 79 Herbert Street											
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		79HRB-01		79HRB-02		79HRB-03		79HRB-04		79HRB-05	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	58.4	487	11.1	294	5.5 J	529	38.7	895	10.9	435
2	6	N/A	N/A	14.0	546	10.5	797	32.9	796	13.0	345
6	12	N/A	N/A	17.9	327	N/A	N/A	22.8	557	12.5	396

2017 Analytical Results from 79 Herbert St

2017 Analytical Results from 79 Herbert Street															
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)													
		79HRB-06		79HRB-07		79HRB-08		79HRB-09		79HRB-10		79HRB-11		79HRB-12	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	36.4	299	48.9	521	11.0	221	27.4	517	36.2	712	12.9	198	1.2 U	14.5
6	12	66.5	392	25.0	322	20.3	1040	23.7	589	14.2	374	12.2	217	11.3	466
12	18	41.6	305	8.9	174	12.6	531	16.6	433 J	6.3	111	11.2	94.3	7.9	160
18	24	14.1	170	1.6 J	48.6	5.8	107	12.4	490	3.5 J	49.0	3.6 J	76.9	4.6 J	67.3
24	30	5.3	30.1			5.8	22.9	7.9	73.1						9.9
30	36	4.6 J	38.2			3.5	8.6	5.3	16.4						7.1
36	42	8.1	90.1			4.6	8.6	6.1	10.1						
42	48	6.0	24.6					4.3	8.3						

**ANALYTICAL RESULTS  
79 HERBERT STREET  
FORMER GENEVA FOUNDRY,  
AIR DEPOSITION AREA OU3  
GENEVA, ONTARIO COUNTY, NEW YORK**



**LEGEND**

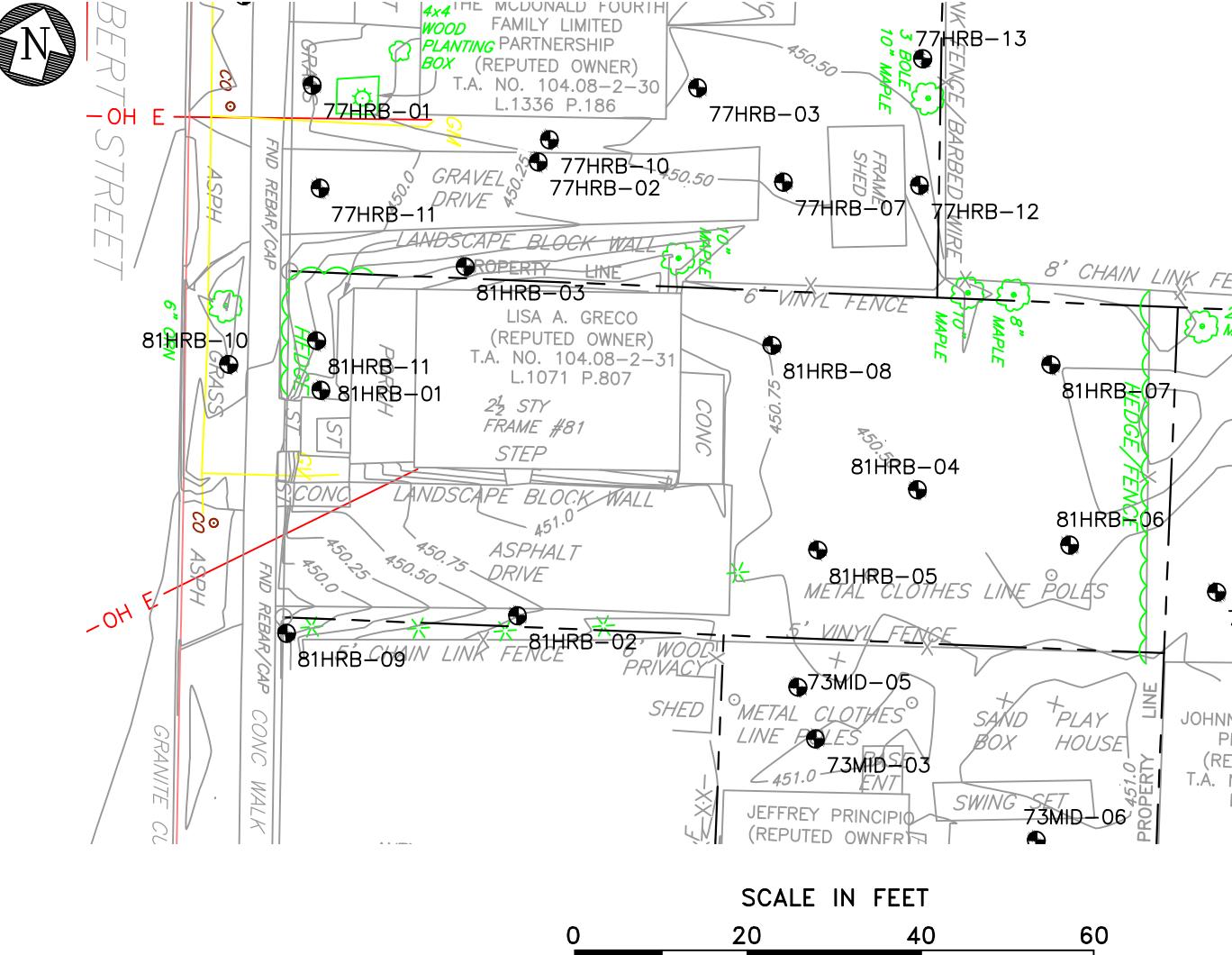
79WAD-03	SCREENING OR DESIGN SAMPLE
— - - - -	PROPERTY LINE/LEASE PARCEL LINE
— - - - -	RIGHT-OF-WAY LINE
— - - - -	TAX DIVISION LINE
X	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
S — S	SANITARY SEWER LINE
SAN MH (S)	SANITARY SEWER MANHOLE
CO	SANITARY SEWER CLEANOUT
ST — ST — ST	STORM SEWER LINE
STORM SEWER MANHOLE	STORM SEWER MANHOLE
STORM SEWER INLET	STORM SEWER INLET
W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
OH E	OVERHEAD ELECTRIC LINE
OH T	OVERHEAD TELEPHONE LINE
— — — — —	UTILITY POLE
— — — — —	UTILITY POLE WITH LIGHT
— — — — —	LIGHT POLE
P	TELEPHONE CONNECTION

NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
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2017 Analytical Results for 79 Wadsworth Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		79WAD-01		79WAD-02		79WAD-03		79WAD-04		79WAD-05		79WAD-06		79WAD-07		79WAD-08	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	4.8	40.8	14.8	188	12.5	178	9.6	99.6	26.6	363	12.1	347	23.8	470		
6	12	5.2	30.3	53.3	496	9.7	148	6.2	38.7	31.6	396 J	13.9	525	17.6	168		
12	18	17.6	43.3	31.9 J	389	3.8	51.1	4.9	22.5	22.7	286 J	16.3	382	10.8	62.8	9.1	70.1
18	24	5.2	22.1	5.2	33.8	3.4	10.1	5.6	51.0	12.8	187	13.9	232	6.6	40.0	17.3	137
24	30			4.8	8.9					8.8	42.7					5.6	71.4
30	36			5.9	7.7					4.4	17.1						
36	42			4.2	7.8												



NOTES

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LEGEND

81HRB-04	● SCREENING OR DESIGN SAMPLE	W	WATER LINE
— — —	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
— — —	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
— — —	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
X	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	UTILITY POLE
S	SANITARY SEWER LINE	○ - □	UTILITY POLE WITH LIGHT
(S) SAN MH	SANITARY SEWER MANHOLE	○ - D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
ST - ST	STORM SEWER LINE		
	STORM SEWER MANHOLE		
	STORM SEWER INLET		

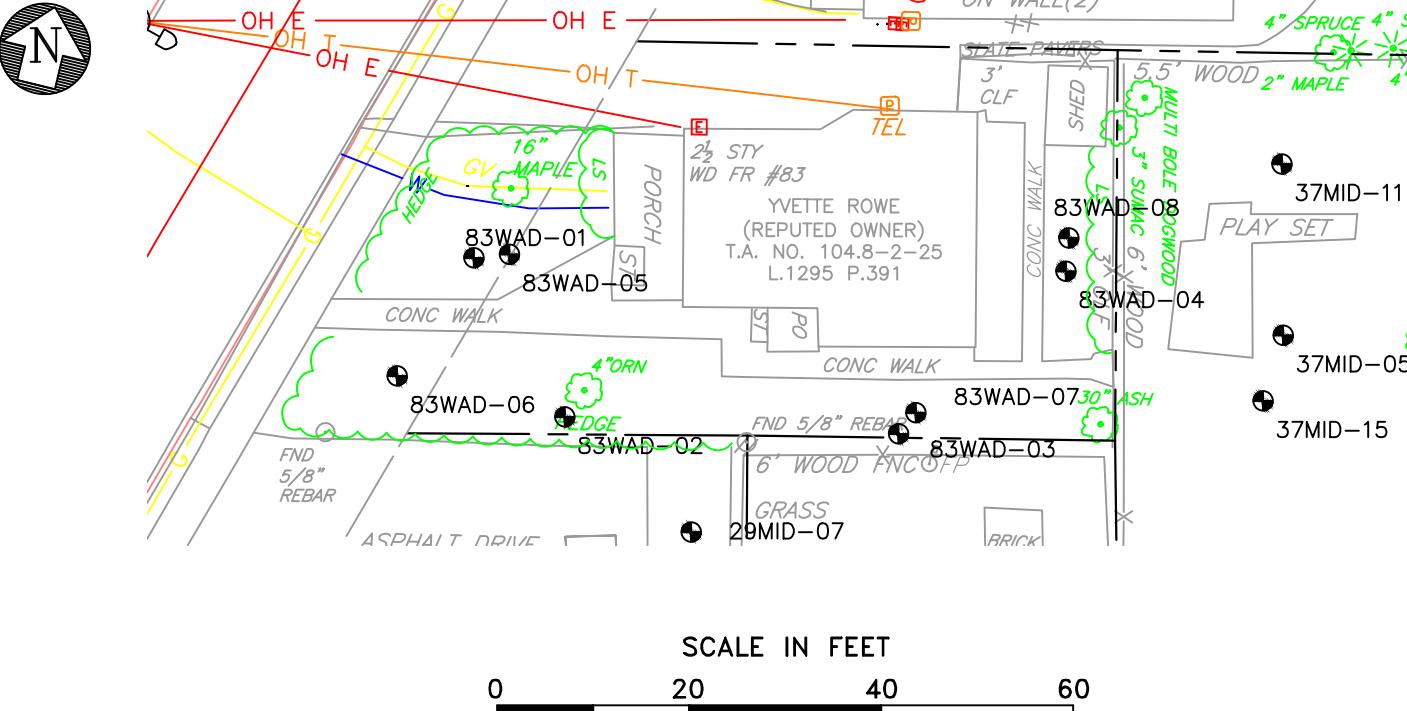
## Analytical Results for 81 Herbert Street

Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	81HRB-01		81HRB-02		81HRB-03		81HRB-04	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	14.1	234	35.8	384	44.4	459	56.9	986
2	6	28.6	340	52.1 J	404 J	N/A	N/A	57.7	444
6	12	19.9	225	41.1	243	N/A	N/A	34.9	303
12	18			27.6	206.0				
18	24			23.6	305.0				
24	30			10.0	445.0				
30	36			14.4	290.0				

## 2017 Analytical Results from 81 Herbert Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		81HRB-05		81HRB-06		81HRB-07		81HRB-08		81HRB-09		81HRB-10	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	77.5	662	36.1	493	14.7	358	27.0	449	24.3	547	38.4	426
6	12	127	976	51.3	479	11.0	260	48.0	582	25.8	424	41.0	304
12	18	82.2	917	33.8	476	14.8	939	31.8	532	26.1	436	16.8	177
18	24	22.2	683	24.4	329	10.8	696	19.8	429	26.6	225	8.4	175
24	30	17.2	923	14.8	169	4.4	386	11	1460	9.9	169	4.4	77.5
30	36	16.5	820	3.6	48.0	3.8	19.9	3.0	45.8	5.0	56.2	3.5	24.2
36	42	4.9	27.8	2.9 J	17.1	3.9	12.9	2.0 J	6.9	4.2	22.6	3.3	9.2
42	48	3.8	16.7 J	6.0	15.8	4.8	11.7	4.4	10.7	6.4	13.1	3.4	9.0



## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E)
  2. BASE MAP SURVEY BY FISHER ASSOCIATES.
  3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
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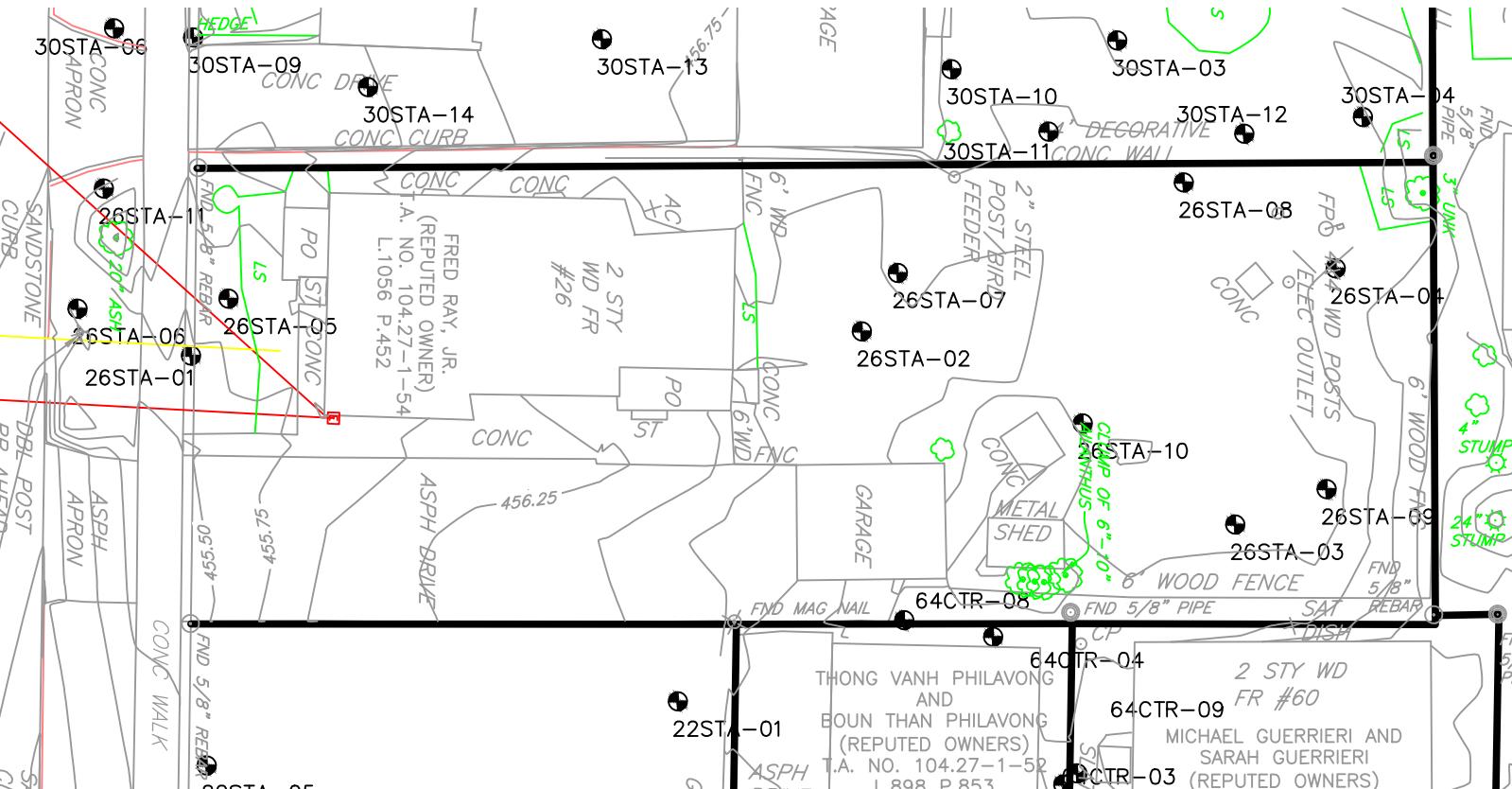
## Analytical Results for 83 Wadsworth Street

Analytical Results for 83 Wadsworth Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		83WAD-01		83WAD-02		83WAD-03		83WAD-04	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	46.9	240	45.3	287	21.9	338	9.7	139
2	6	62.7	256	50.9	270	31.4	364	15.9	265
6	12	64.5	197	33.5	164	24.9	222	37.2	543
12	18			26.5	190				
18	24			5.2	33.7				

2017 Analytical Results for 83 Wadsworth

2017 Analytical Results for 83 Wadsworth									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		83WAD-05		83WAD-06		83WAD-07		83WAD-08	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	106	547	47.9	276	43.7	523	21.2	340
6	12	137	424	32.0	137	26.1	410	47.0	56.0
12	18	15.8	99.0	10.2	43.2	5.2	48.0	14.6	180
18	24	9.9	54.5	3.8	9.3	4.1	11.6	3.2	28.0





## NOTES

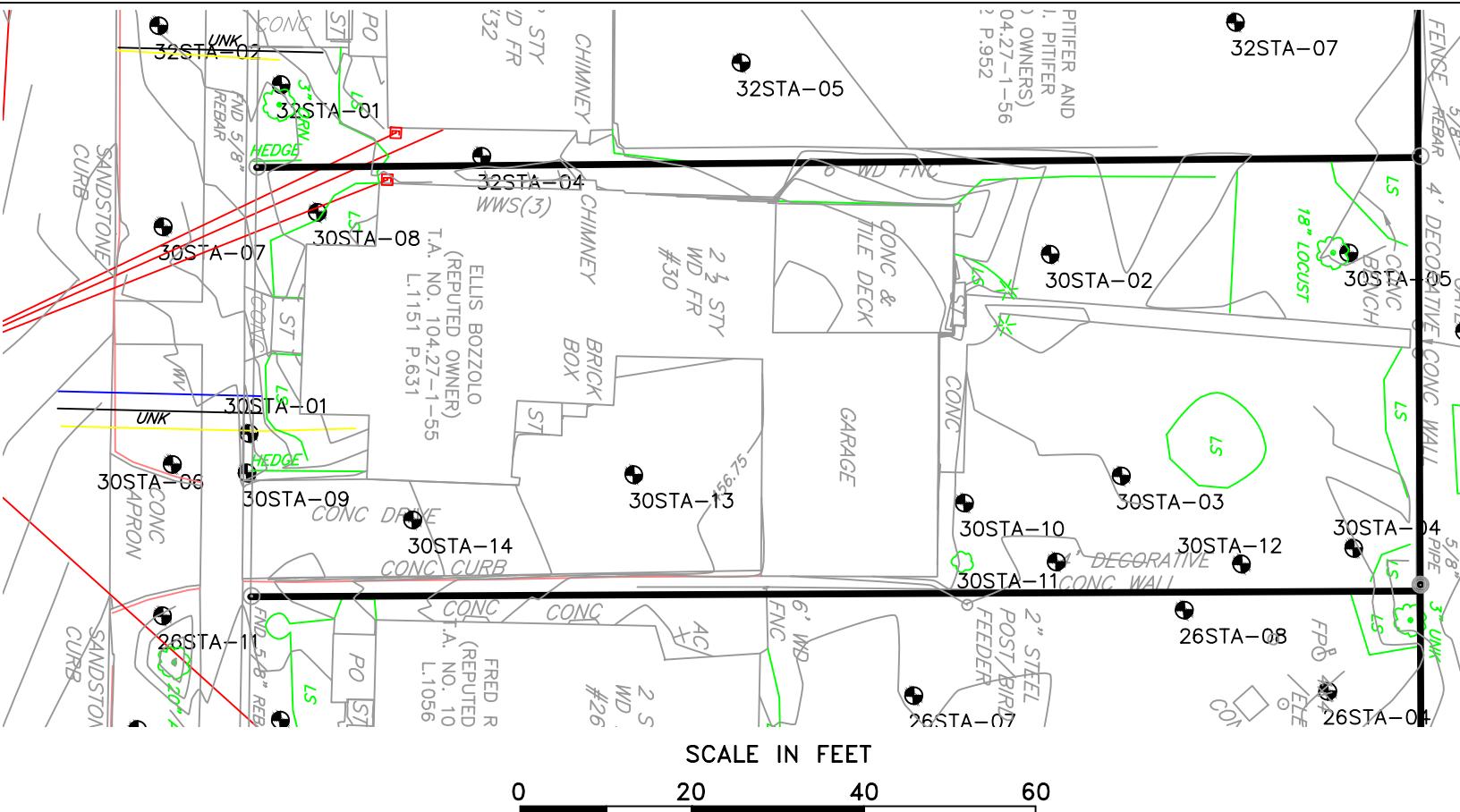
1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
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## LEGEND

26STA-10	● SCREENING OR DESIGN SAMPLE	W	WATER LINE
PROPERTY LINE/LEASE PARCEL LINE		E	ELECTRIC METER
RIGHT-OF-WAY LINE		G	NATURAL GAS LINE
TAX DIVISION LINE		OH E	OVERHEAD ELECTRIC LINE
FENCE LINE		OH T	OVERHEAD TELEPHONE LINE
EDGE OF WOODS, BRUSH OR LANDSCAPING		○	UTILITY POLE
SANITARY SEWER LINE		○ D	UTILITY POLE WITH LIGHT
SANITARY SEWER MANHOLE	(S) SAN MH	○ CO	LIGHT POLE
SANITARY SEWER CLEANOUT		○ D	
STORM SEWER LINE	ST	ST	TELEPHONE CONNECTION
STORM SEWER MANHOLE			
STORM SEWER INLET			

Analytical Results for 26 State Street							
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)					
		26STA-01		26STA-02		26STA-03	
0	2	36.0	296	50.7	740	13.0	265
2	6	34.4	256	57.9	802	13.8	260
6	12	72.0	352	53.4	571	16.3	246

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		26STA-05		26STA-06		26STA-07		26STA-08		26STA-09		26STA-10	
0	6	42.0	399	17.1	209	38.9	588	29.2	1090	15.8	432	18.1	302
6	12	20.4	323	14.4	246	55.4	762	37.7	1110	15.8	379	26.7	586
12	18	5.3	225	4.4	56.2	32.9	749	29.1	349	15.5	259	17.1	348
18	24	3.9	86.5	6.2	70.6	26.2	605	18.3	75.8	10.2	31.5	9.9	166
24	30					12.6	3400	6.5	11.2				
30	36					4.5	97.7	6.8	13.6				
36	42					2.5 J	8.9 J	6.1	10.1				



## LEGEDE

	30STA-10	SCREENING OR DESIGN SAMPLE
		PROPERTY LINE/LEASE PARCEL LINE
		RIGHT-OF-WAY LINE
		TAX DIVISION LINE
		FENCE LINE
		EDGE OF WOODS, BRUSH OR LANDSCAPING
	S	SANITARY SEWER LINE
	S SAN MH	SANITARY SEWER MANHOLE
	CO	SANITARY SEWER CLEANOUT
	ST ST	STORM SEWER LINE
		STORM SEWER MANHOLE
		STORM SEWER INLET
	W	WATER LINE
	E	ELECTRIC METER
	G	NATURAL GAS LINE
	OH E	OVERHEAD ELECTRIC LINE
	OH T	OVERHEAD TELEPHONE LINE
		UTILITY POLE
		UTILITY POLE WITH LIGHT
		LIGHT POLE
	P	TELEPHONE CONNECTION

## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.
  2. BASE MAP SURVEY BY FISHER ASSOCIATES.
  3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
  4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. "N/A" IN TABLE INDICATES THAT A SAMPLE WAS NOT COLLECTED (DUE TO PAVEMENT). SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES. ANALYTES FLAGGED "*" WERE COLLECTED FROM 10 TO 12 INCHES DEPTH.

2017 Analytical Results for 30 States

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)								
		30STA-01		30STA-02		30STA-03		30STA-04		30S
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic
0	2	55.5	480	16.8	278	7.3 J	195	5.7 J	277 J	11.7
2	6	118	629	14.5	320	8.7	156	8.5	175	9.0
6	12	38.9	149	10.2	213	11.1	222	4.7 J	110	9.4

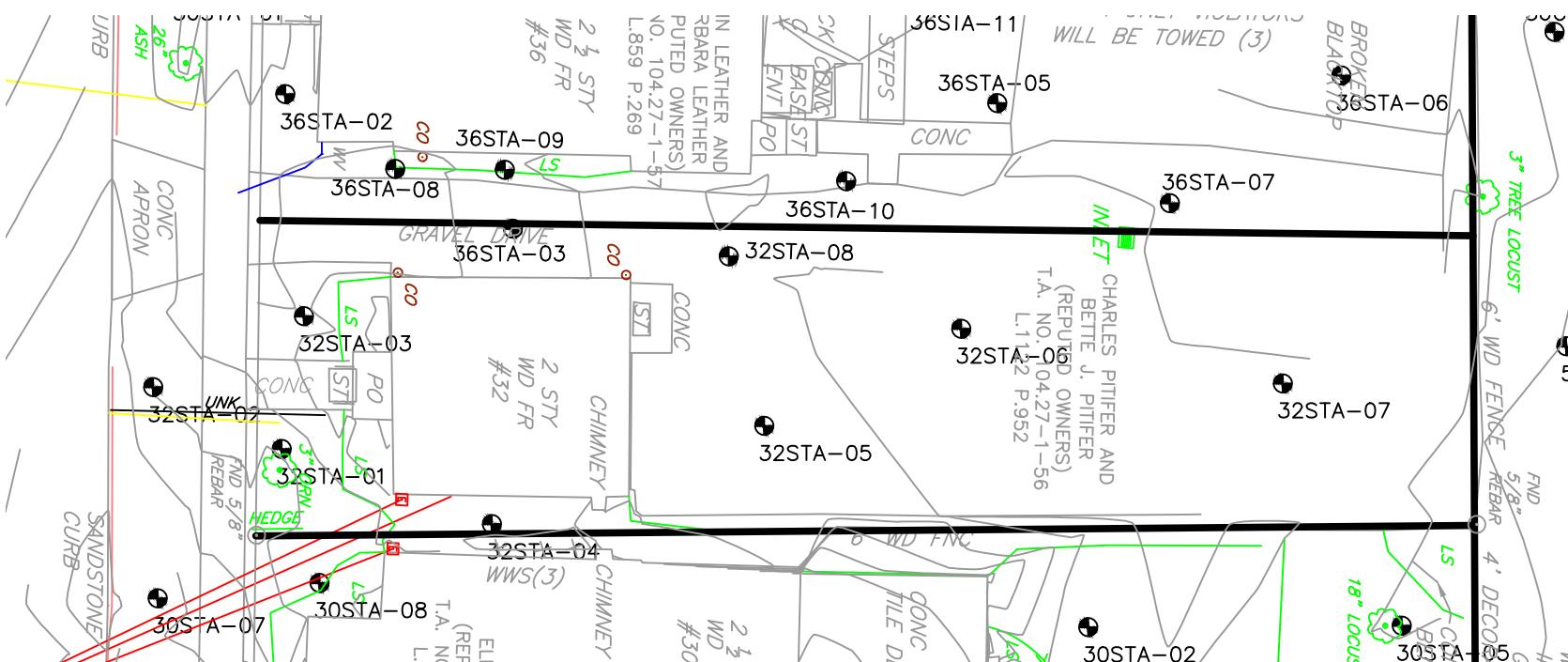
2017 Analytical Results from 30 Sta

2017 Analytical Results from 30 State Street																			
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																	
		30STA-06		30STA-07		30STA-08		30STA-09		30STA-10		30STA-11		30STA-12		30STA-13		30STA-14	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	101	605	27.9	265	29.1	360	49.7	279	14.6	204	9.4	147	7.7	117	N/A	N/A	N/A	N/A
6	12	137	365	16.4	99.7	48.4	359	8.8	33.5	10.8	689	10.1	156	11.0	187	5.5	99.0	18.5	19.0
12	18	16.5	103	10.9	86.8	13.8	172	8.7	29.2	12.3	259	7.2	58.4	10.9	132	5.2	59.0	8.9	26.0
18	24	11.0	76.7	8.5	112	9.7	167	6.3	71.5	12.8	199	7.2	31.5	10.5	119				



Department of  
Environmental  
Conservation

**ANALYTICAL RESULTS  
30 STATE STREET  
FORMER GENEVA FOUNDRY,  
AIR DEPOSITION AREA OU3  
GENEVA, ONTARIO COUNTY, NEW YORK**



SCALE IN FEET  
0 20 40 60

2017 Analytical Results for 32 State Street			
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)	
		32STA-01	
Arsenic	Lead		
0	2	9.6	53.9
2	6	9.5	54.4
6	12	13.7	71.6

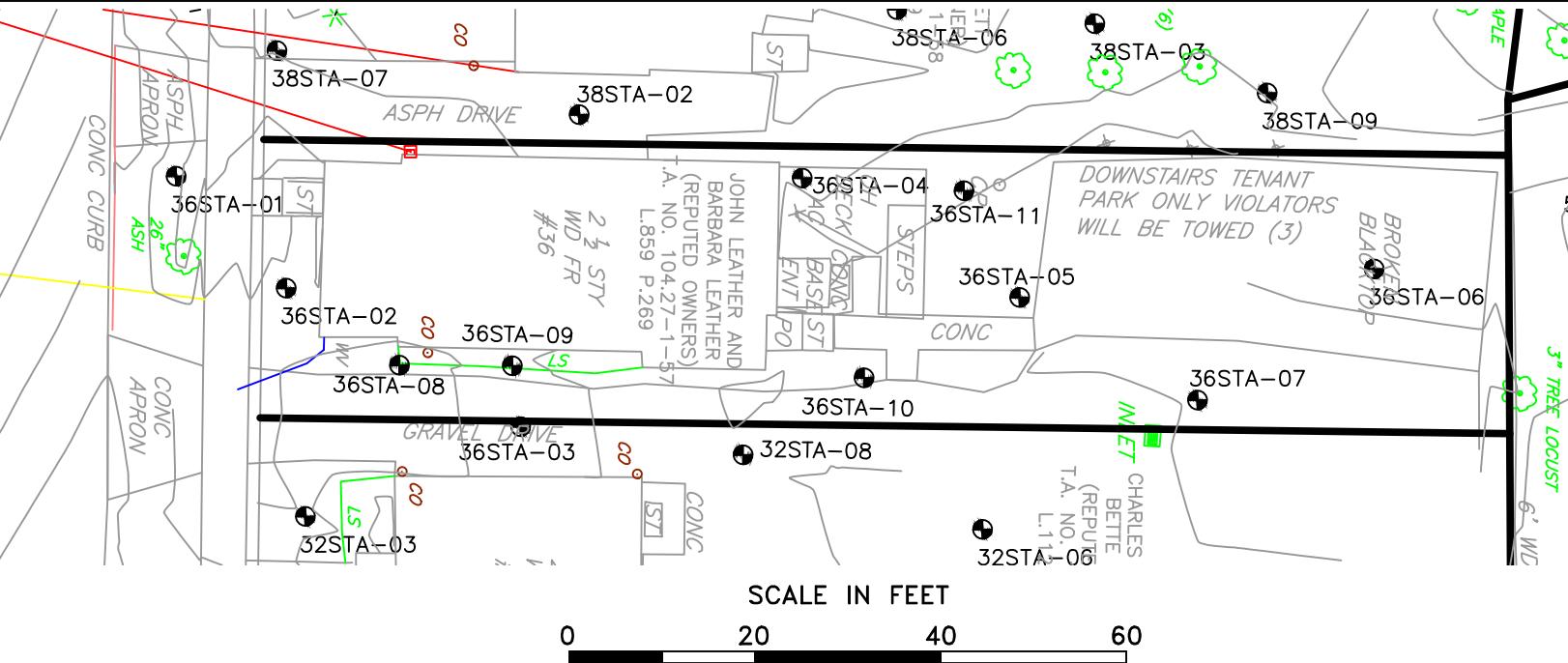
#### NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. "N/A" IN TABLE INDICATES THAT A SAMPLE WAS NOT COLLECTED. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

#### LEGEND

32STA-05	SCREENING OR DESIGN SAMPLE	W	WATER LINE
	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
	EDGE OF WOODS, BRUSH OR LANDSCAPING	U	UTILITY POLE
S	SANITARY SEWER LINE	U-L	UTILITY POLE WITH LIGHT
⑤ SAN MH	SANITARY SEWER MANHOLE	L	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	D	PHONE CONNECTION
ST	STORM SEWER LINE	P	
	STORM SEWER MANHOLE		
	STORM SEWER INLET		

Start Depth (inches)	End Depth (inches)	2017 Analytical Results from 32 State Street													
		32STA-02		32STA-03		32STA-04		32STA-05		32STA-06		32STA-07		32STA-08	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	14.9	98.0	8.3	34.5	9.9	178	5.1 J	21.1	3.6 J	7.0	4.8 J	4.6 J	N/A	N/A
6	12	14.9	120	10.5	53.6	9.9	100	8.8	133	6.6	18.9	5.3	6.1	N/A	N/A
12	18	14.5	141	36.2	180	8.8	108	13.2	103	3.4 J	6.0	5.3	47.2	N/A	N/A
18	24	7.8	85.1	4.0	16.4	7.0	27.6	7.4	49.5	4.1 J	20.2	9.3	115	10.1	146
24	30			7.6	53.0										
30	36			7.4	44.0										
36	42			5.1	12.1										
42	48			6.3	22.0										



## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTE FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

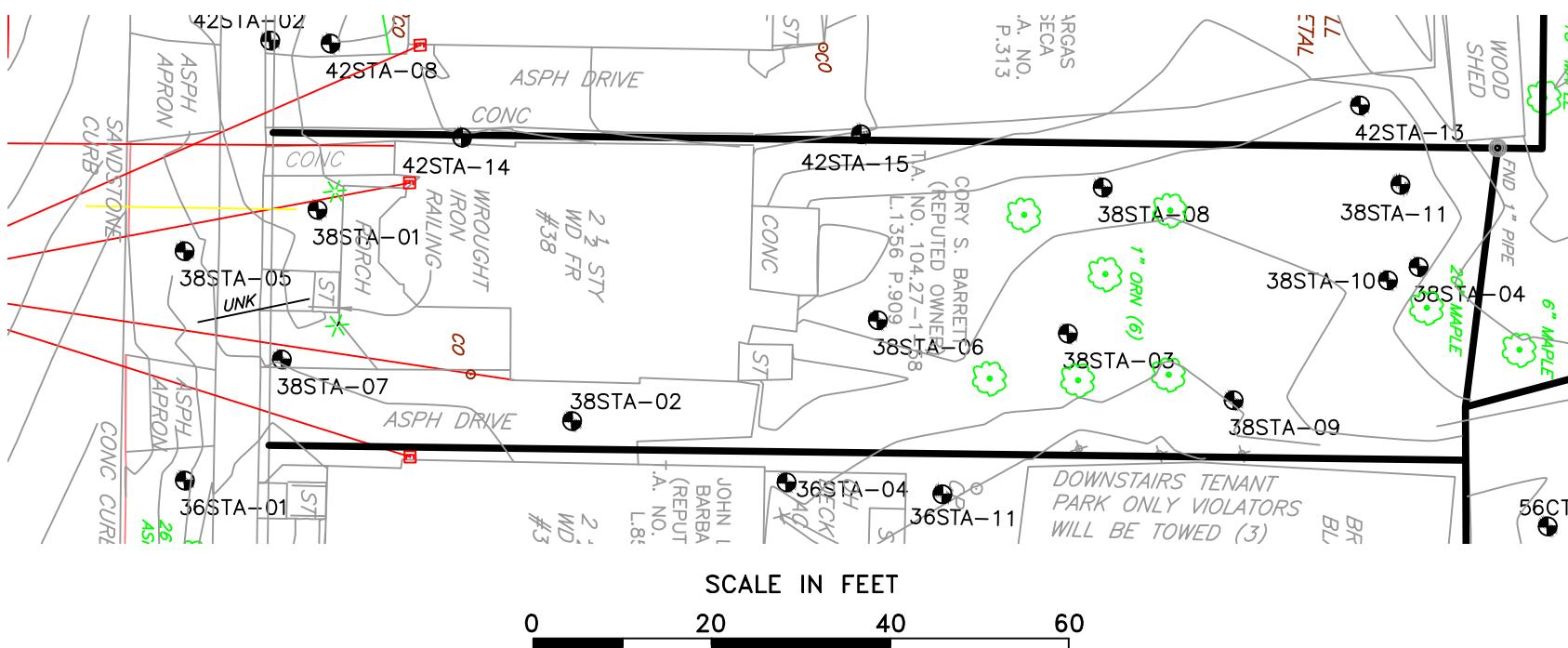
## LEGEND

36STA-10 ●	SCREENING OR DESIGN SAMPLE	— W —	WATER LINE
— PROPERTY LINE/LEASE PARCEL LINE		E —	ELECTRIC METER
— RIGHT-OF-WAY LINE		— G —	NATURAL GAS LINE
— TAX DIVISION LINE		— OH E —	OVERHEAD ELECTRIC LINE
— FENCE LINE		— OH T —	OVERHEAD TELEPHONE LINE
~~~~~ EDGE OF WOODS, BRUSH OR LANDSCAPING		○ U	UTILITY POLE
— SANITARY SEWER LINE		○ UL	UTILITY POLE WITH LIGHT
⑤ SAN MH	SANITARY SEWER MANHOLE	○ L	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	□ P	TELEPHONE CONNECTION
— ST — ST	STORM SEWER LINE		
● ST	STORM SEWER MANHOLE		
■ ST	STORM SEWER INLET		

2017 Analytical Results from 36 State Street

Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	36STA-01		36STA-02		36STA-03		36STA-04		36STA-05		36STA-06		36STA-07		36STA-08		36STA-09		36STA-10		36STA-11	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	37.6	314	22.3	264	3.1	18.0	16.9	431	11.4	330	2.2	2.4	2.7	4.4	10.4	180	35.2	527	36.6	498	25.9	697
6	12	27.4	165	15.0	117	22.7	390J	9.3	193	10.8	420	5.0	58.8	7.9	178	14.4	228	27.3	371	97.4	776	19.5	1470
12	18	6.9	47.7	6.6	38.6	4.6J	24.8J	6.0	34.1	10.3	124	11.4	242	8.3	164	17.2	241	12.8	200	20.8	163	15.5	368
18	24	3.6	15.4	5.6	30.6	4.3	17.4	4.5	9.9	8.2	29.2	11.8	244	5.8	70.2	--	--	--	--	--	--	--	--



NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. ANALYTES FLAGGED "U" WERE NOT DETECTED (METHOD DETECTION LIMIT SHOWN). SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

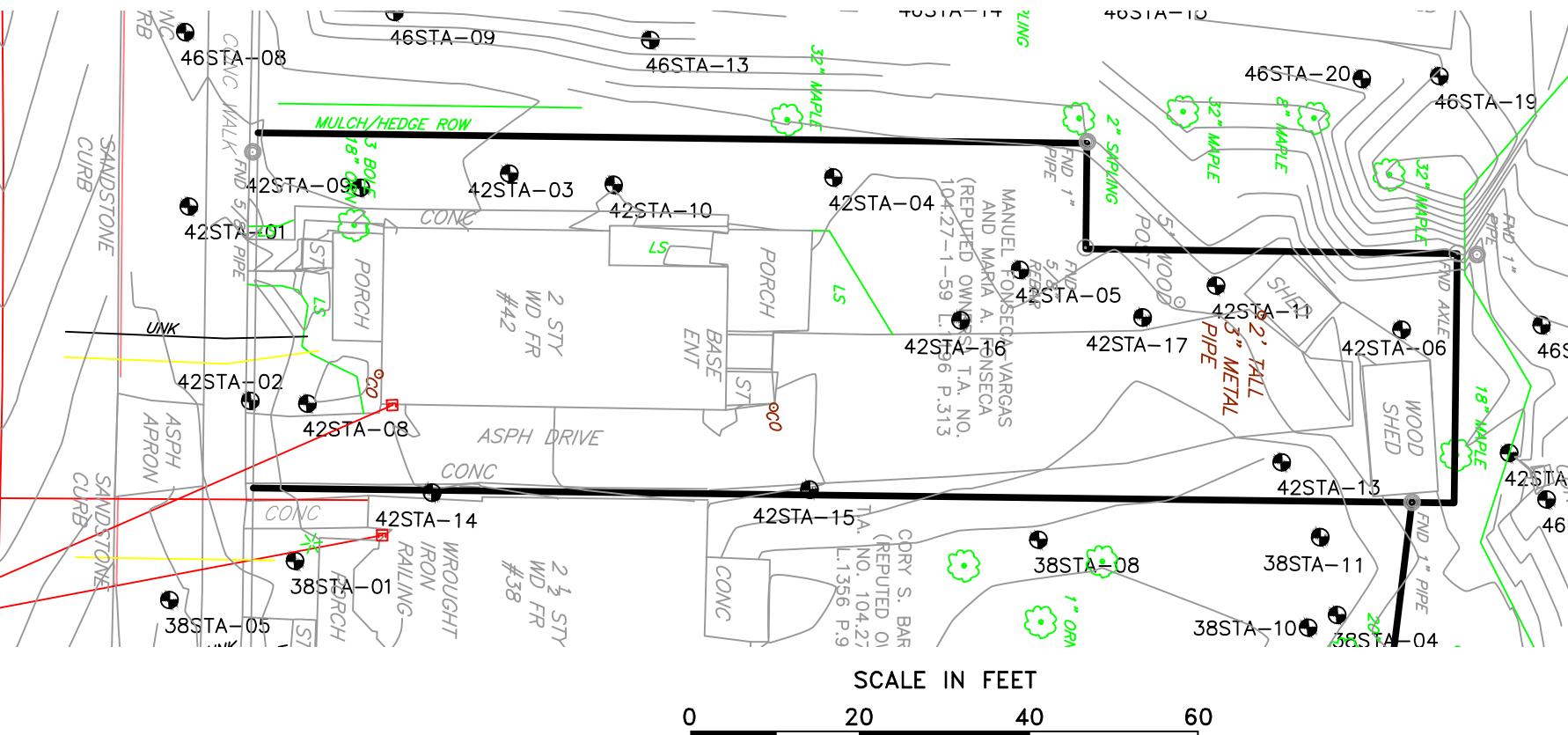
LEGEND

38STA-10	● SCREENING OR DESIGN SAMPLE	— W	WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	— E	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	— G	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	— OH E	OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	— OH T	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○ —	UTILITY POLE
— S —	SANITARY SEWER LINE	○ — D	UTILITY POLE WITH LIGHT
(S) SAN MH	SANITARY SEWER MANHOLE	○ — D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	○ — P	TELEPHONE CONNECTION
— ST — ST	STORM SEWER LINE		
○ — ST	STORM SEWER MANHOLE		
○ — — ST	STORM SEWER INLET		

2017 Analytical Results for 38 State Street							
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)					
		38STA-01		38STA-02		38STA-03	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	6.9	141	5.6 J	138 J	8.7	167
2	6	10	188	13.5	2770	10.4	245
6	12	11.8	211	15.3	453	9.4	545
12	18					14.8	270
18	24					6.4	84.0

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)													
		38STA-05		38STA-06		38STA-07		38STA-08		38STA-09		38STA-10		38STA-11	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	16.8	253	15.8	452	1.3 U	6.0	14.4	300	9.7	237	6.5 J	217	9.8	259 J
6	12	12.0	163 J	13.9	354	1.6 U	8.6	15.2	263	13.4	259	10	238	20.1	523
12	18	4.7 J	23.6	7.4	198	6.1	68.6	8.8	76.0	7.3	93.5	9.2	131	23.0	389
18	24	5.2 J	57.2	5.4	47.9	6.5	44.3	7.8	41.2	2.8 J	22.4	6.2	108 J	--	--

N



## LEGEND

●	SCREENING OR DESIGN SAMPLE
—	PROPERTY LINE/LEASE PARCEL LINE
— — —	RIGHT-OF-WAY LINE
— — — —	TAX DIVISION LINE
— — — — —	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
S	SANITARY SEWER LINE
○	SANITARY SEWER MANHOLE
○ CO	SANITARY SEWER CLEANOUT
ST	STORM SEWER LINE
■	STORM SEWER MANHOLE
■ ST	STORM SEWER INLET
W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
OH E	OVERHEAD ELECTRIC LINE
OH T	OVERHEAD TELEPHONE LINE
○	UTILITY POLE
○ D	UTILITY POLE WITH LIGHT
D	LIGHT POLE
P	TELEPHONE CONNECTION

NOTES

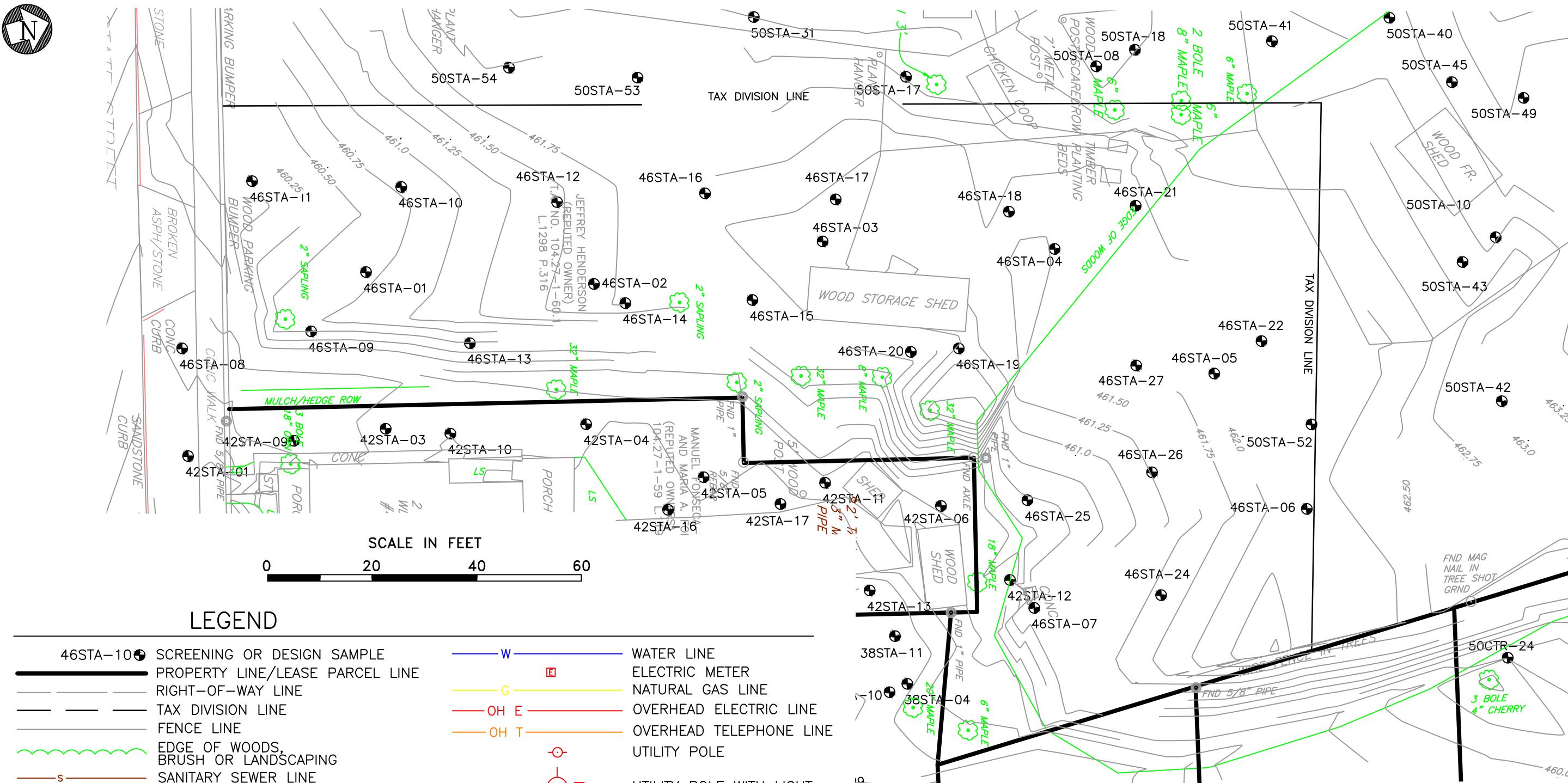
- FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
- BASE MAP SURVEY BY FISHER ASSOCIATES.
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- DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

Analytical Results for 42 State Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		42STA-01		42STA-02		42STA-03		42STA-04		42STA-05	
0	2	7.3	73.8	10.5	132	43.2	384	13.8	127	8.8	545
2	6	13.9	104	26.5	217	32.6	178	8.6	70.4	11.4	220
6	12	9.9	103	28.3	143	22.6	129	9.1	71.8 J	12.3	293
12	18										
18	24										

2017 Analytical Results from 42 State Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																				
		42STA-08		42STA-09		42STA-10		42STA-11		42STA-12		42STA-13		42STA-14		42STA-15		42STA-16		42STA-17		
0	6	21.9	389	7.2	14.8	19.4	197	39.1	433	9.3	261	7.4	178	18.6	257	18.5	309	19.3	396	28.7	627	
6	12	25.7	383	5.9	14.3	35.2	198	24.6	368	11.0	199	13.1	215	36.1	294	45.7	406	22.4	386	27.6	636	
12	18	19.5	292	5.6 J	53.2 J	9.0	57.7	19.9	353	25.5	36.3	13.2	308	14.2	183	50.1	467	17.2	399	27.6	457	
18	24	7.2	65.4	5.5	56.5	6.1	102	20.3	788	12.8	307	18.3	1140	5.7	21.4	14.0	70.9	10	52.6	9.6	178	
24	30							16.1	716	7.0	52.2	12.4	222							14.8	677	
30	36							10	90	12.7	72.9	9.6	19.2								12.2	173
36	42							8.5	25.1	7.0	27.5			7.0	48.2							
42	48																					



LEGEND

- | | | | |
|------------|--|------|---------------------|
| 46STA-10 | SCREENING OR DESIGN SAMPLE | W | WATER LINE |
| — | PROPERTY LINE/LEASE PARCEL LINE | E | ELECTRIC METER |
| — | RIGHT-OF-WAY LINE | G | NATURAL GAS LINE |
| — | TAX DIVISION LINE | OH E | OVERHEAD ELECTRIC |
| — | FENCE LINE | OH T | OVERHEAD TELEPHONE |
| ~~~~~ | EDGE OF WOODS,
BRUSH OR LANDSCAPING | O | UTILITY POLE |
| S | SANITARY SEWER LINE | •□ | UTILITY POLE WITH L |
| (S) SAN MH | SANITARY SEWER MANHOLE | •D | LIGHT POLE |
| ○CO | SANITARY SEWER CLEANOUT | P | TELEPHONE CONNECT |
| ST | STORM SEWER LINE | | |
| ● | STORM SEWER MANHOLE | | |
| ■ | STORM SEWER INLET | | |

NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (
 2. BASE MAP SURVEY BY FISHER ASSOCIATES.



Analytical Results for 46 State Street													
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		46STA-01		46STA-02		46STA-03		46STA-04		46STA-05		46STA-06	
0	2	6.4	23.3	6.0	27.7	5.8	33.6	5.8	23.8	5.2	174	9.5	133
2	6	7.1	22.3	6.1	32.8	7.3 J	34.0	7.8	24.7	4.0	52.5	9.9	179
6	12	N/A	N/A	8.3	69.2	N/A	N/A	7.0	19.7	6.1	93.2	10.6	183
SCO applied:		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Residential		Residential	

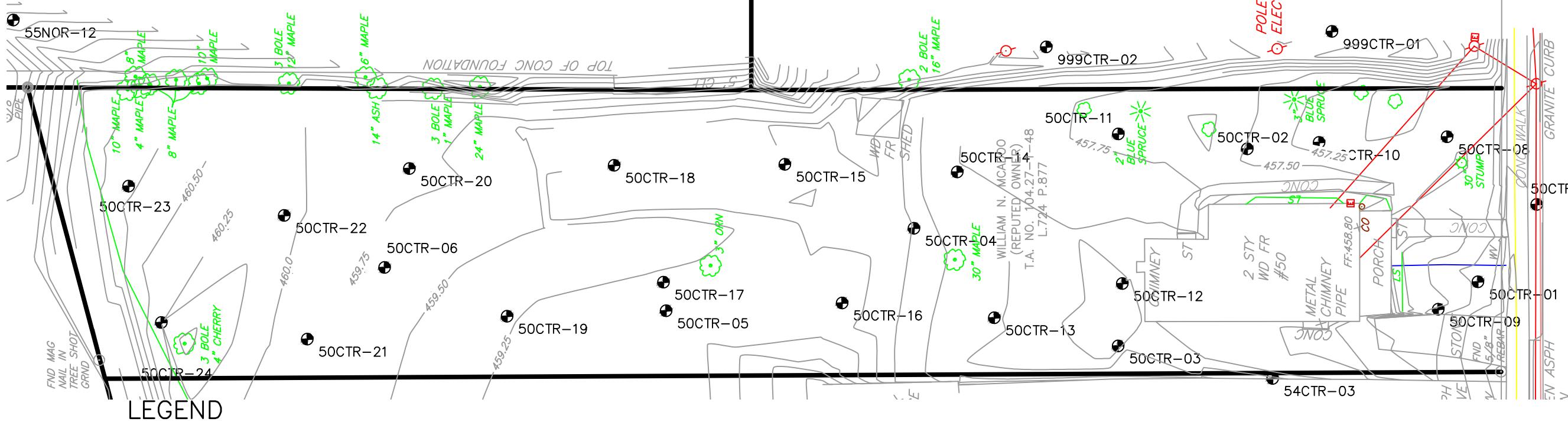
2017 Analytical Results from 46 State Street																					
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		46STA-08		46STA-09		46STA-10		46STA-11		46STA-12		46STA-13		46STA-14		46STA-15		46STA-16		46STA-17	
0	6	9.9	155	6.2	49.2	4.7 J	30.4 J	5.4 J	26.5	5.0 J	31.8	4.5 J	20.1	5.5 J	23.3	9.8	46.8	6.5	48.4	12.6	221
6	12	8.2	84.4	24.8	341	8.9	22.2	7.1	66.8	7.9	40.5	8.5	25.6	16.5	61.9	10.9	99.8	4.8 J	21.9	7.8	42.2
12	18	7.2	75.2	5.8	19.8	8.9	40.4	10.2	477	5.1 J	74.0	6.1	13.3	7.8	161	10.3	114	7.5	27.5	32.9	68.7
18	24	4.6 J	102	5.2	98.2	5.1	10.9	8.6	269	5.4 J	203	6.1	35.1	6.6	63.8	7.5	375	9.5	52.8	9.6	28.2
24	30							5.9	38.4											11.4	85.8
30	36							5.0	36.7												
36	42							6.4	11.7												
42	48							5.8	9.1												
SCO applied:		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted	

2017 Analytical Results from 46 State Street																			
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																	
		46STA-18		46STA-19		46STA-20		46STA-21		46STA-22		46STA-24		46STA-25		46STA-26		46STA-27	
0	6	4.5 J	21.2	4.5 J	30.1	5.1 J	26.8	4.7 J	23.3	11.3	153	8.9	228	20.5	1030	2.7 J	56.7	4.6 J	18.9
6	12	6.9	19.3	8.3	103	4.6 J	37.8	5.5 J	21.8	3.8 J	46.9	14.1	97.5	23.6	199	6.9	15.8	9.9	47.8
12	18	6.3	20.2	5.2 J	127	7.7	95.8	4.9 J	23.1	4.5 J	13.4	13.3	401 J	7.8	34.1	8.5	12.9	13.7	91.8
18	24	6.6	24.1	9.4	93.7	8.2	112	10.8	80.6	26.1	17.5	34.5	199 J	5.6	15.9	10.1	417	12.6	131
24	30									27.1	19.9	8.9	65.9			6.5	37.1		
30	36									18.1 J	118	7.4	104			7.2	143		
36	42									9.3	277	8.3	54.5			6.5	52.7		
42	48									7.2	50.8								
SCO applied:		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Residential		Residential		Residential		Residential		Residential	

NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
3. DATA VALIDATION BY ECOLOGY AND ENVIRONMENT ENGINEERING, P.C. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. N/A" IN TABLE INDICATES THAT A SAMPLE COULD NOT BE COLLECTED. SHADED VALUES IN TABLES EXCEED RESIDENTIAL OR UNRESTRICTED SOIL CLEANUP OBJECTIVES AS INDICATED.

Department of
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LEGEND

50CTR-22	● SCREENING OR DESIGN SAMPLE
██████████	PROPERTY LINE/LEASE PARCEL LINE
— — — — —	RIGHT-OF-WAY LINE
— — — — —	TAX DIVISION LINE
— — — — —	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
— — — — —	SANITARY SEWER LINE
(S)	SANITARY SEWER MANHOLE
○ CO	SANITARY SEWER CLEANOUT
— ST — ST —	STORM SEWER LINE
(M)	STORM SEWER MANHOLE
(I)	STORM SEWER INLET

W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
OH E	OVERHEAD ELECTRIC LINE
OH T	OVERHEAD TELEPHONE LINE
○	UTILITY POLE
○ □	UTILITY POLE WITH LIGHT
○ D	LIGHT POLE
□	TELEPHONE CONNECTION

SCALE IN FEET

0 20 40 60

## 2017 Analytical Results for 50 Center Street

Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		50CTR-01		50CTR-02		50CTR-03		50CTR-04		50CTR-05		50CTR-06	
0	2	6.3	150	8.0	401	8.6	240	13.6	282	15.9	324	8.6	97.9
2	6	6.7	121	8.8	424	9.4	262	14.9	400	14.0	319	13.3	105
6	12	5.1	89.9	7.0	288	N/A	N/A	13.2	237	26.1	441	10.4	81.1

## NOTES

- FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
- BASE MAP SURVEY BY FISHER ASSOCIATES.
- ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
- DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. ANALYTES FLAGGED "R" WERE REJECTED BASED ON QUALITY CONTROL REVIEW. "N/A" IN TABLE INDICATES THAT A SAMPLE COULD NOT BE COLLECTED. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

Department of  
Environmental  
Conservation

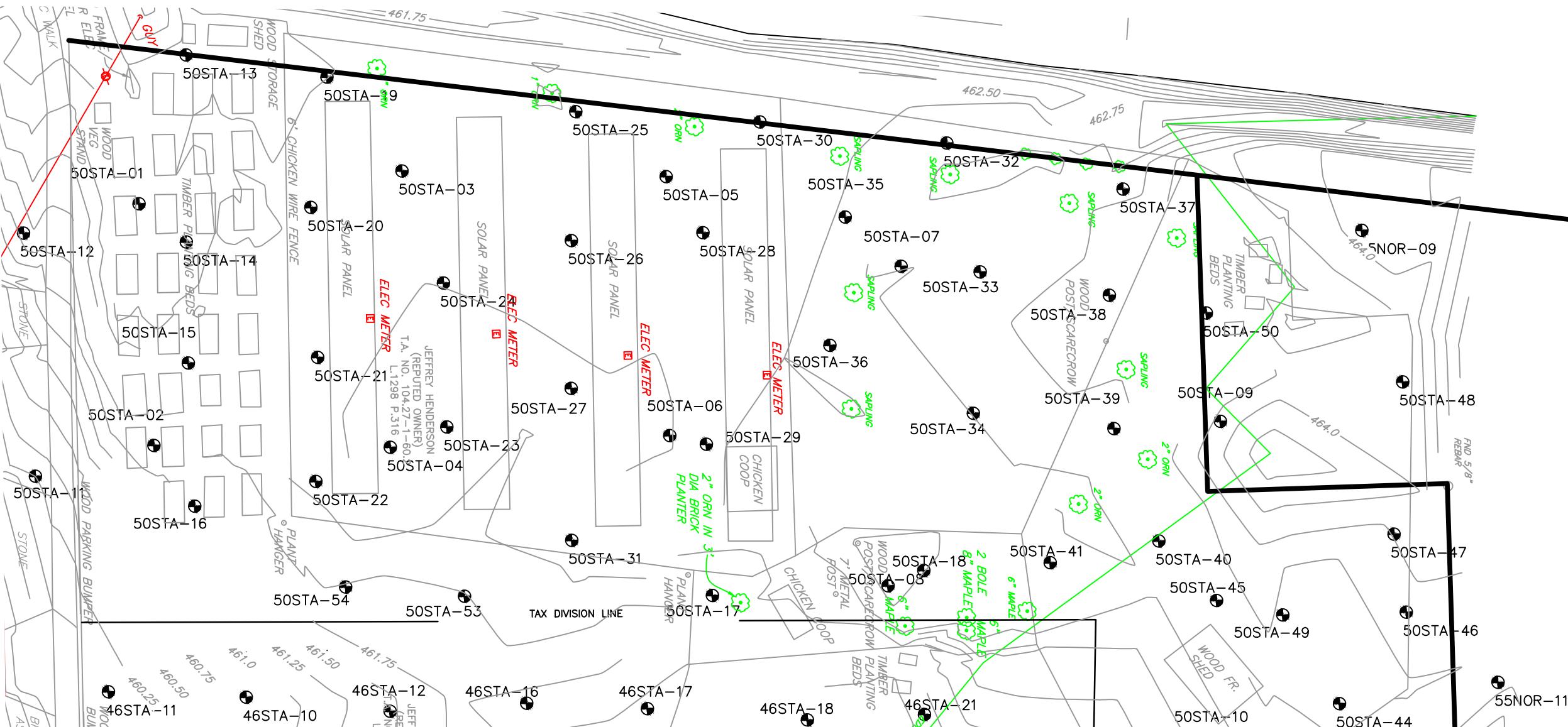
## 2017 Analytical Results from 50 Center Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																	
		50CTR-07		50CTR-08		50CTR-09		50CTR-10		50CTR-11		50CTR-12		50CTR-13		50CTR-14		50CTR-15	
0	6	6.3	217	11.2	203	10.0	270	11.2	458	12.0	187	17.3	570	12.1	141	17.4	156	13.9	279
6	12	8.3	198J	8.8	71.9	7.9	129	9.8	258	11.4	286	9.9	3840	12.5	133	13.6	168	21.0	410
12	18	8.5	416R	7.2	149	4.9	66.1	5.2	100	7.0	95.5	6.6	67.6	7.7	59.4	6.7	25.4	14.3	179
18	24	5.5	40.9	5.4	75.4	4.7	18.6	7.5	31.7	5.2	17.4	6.1	29.9	7.0	24.2	6.4	17.2	8.5	52.1

## 2017 Analytical Results from 50 Center Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																	
		50CTR-16		50CTR-17		50CTR-18		50CTR-19		50CTR-20		50CTR-21		50CTR-22		50CTR-23		50CTR-24	
0	6	19.0	370	25.6	419	14.2	140	17.6	202	17.5	270	17.6	151	15.0	131	14.7	120	17.9	164
6	12	22.0	398	36.8	436	9.3	64.9	15.9	149	16.0	310	18.1	121	11.6	86.6	19.5	127	25.3	169
12	18	11.0	93.5	11.0	95.0	6.6	14.3	6.6	25.1	7.3	32.3	6.1	19.1	6.8	23.9	5.0	24.1	11.8	54.4
18	24	6.2	19.7	7.1	47.1	5.2	12.5	6.1	12.3	8.2	35.4	5.1	10.8	5.3	14.5	4.5	10.7	5.2	12.6

ANALYTICAL RESULTS  
50 CENTER STREET  
FORMER GENEVA FOUNDRY,  
AIR DEPOSITION AREA OU3  
GENEVA, ONTARIO COUNTY, NEW YORK

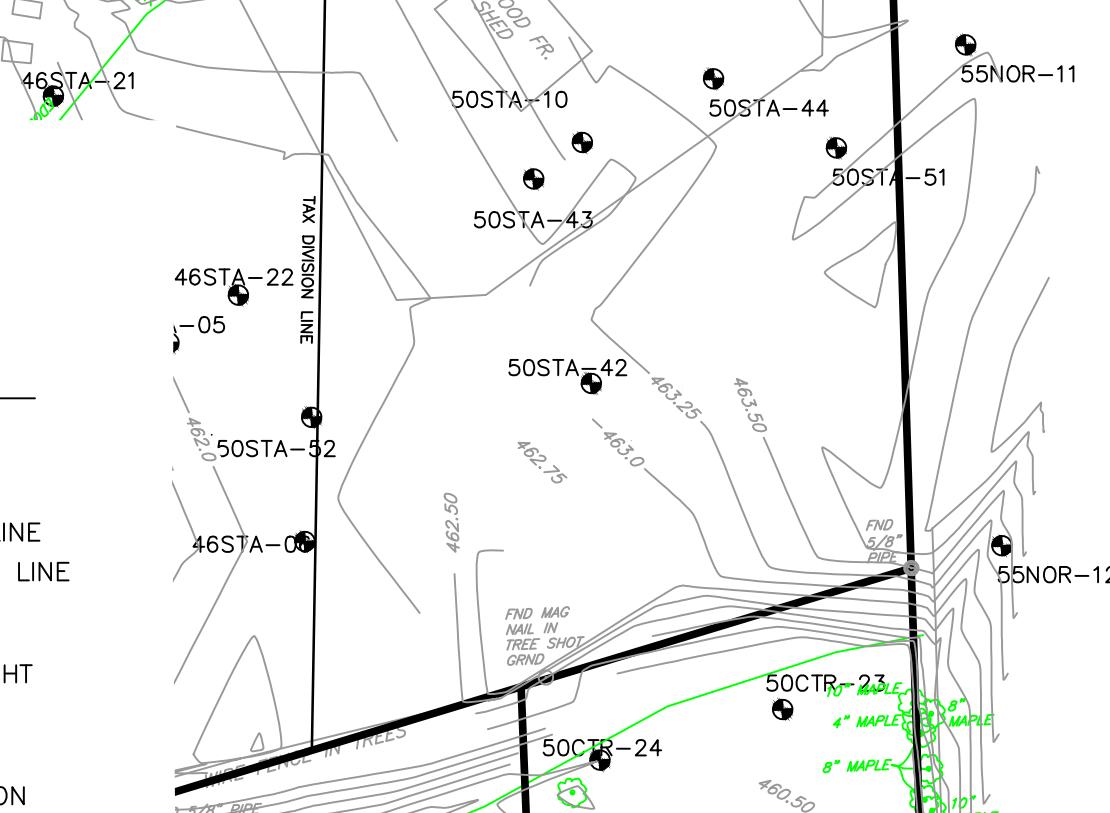


## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.

## LEGEND

50STA-10	● SCREENING OR DESIGN SAMPLE	— W —	WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	■ E	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	— G —	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	— OH E —	OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	— OH T —	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	UTILITY POLE
— S —	SANITARY SEWER LINE	○ D	UTILITY POLE WITH LIGHT
○ SAN MH	SANITARY SEWER MANHOLE	○ P	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT		TELEPHONE CONNECTION
— ST — ST —	STORM SEWER LINE		
○ SAN MH	STORM SEWER MANHOLE		
— ■ — ■ —	STORM SEWER INLET		

Department of
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Conservation

Analytical Results for 50 State Street

Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	50STA-01		50STA-02		50STA-03		50STA-04		50STA-05		50STA-06		50STA-07		50STA-08		50STA-09		50STA-10	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	3.2	10.5	4.2	60.5	3.1	15.5	3.3	17.0	3.2	12.0	4.0	25.5	9.2	59.2	2.8	8.2	3.1	14.1	9.7	89.2
2	6	2.9	12.6	N/A	N/A	3.4	18.7	N/A	N/A	3.1	10.2	3.7	17.8	6.7	61.4	4.3	13.3	6.0	32.7	12.4	108
6	12	N/A	N/A	N/A	N/A	2.9	10.9	N/A	N/A	3.8	18.0	4.4	20.2	14.0	116	3.0	8.2	N/A	N/A	N/A	N/A
SCO applied:		Unrestricted		Unrestricted		Residential		Residential		Residential		Residential		Unrestricted		Unrestricted		Unrestricted		Residential	

2017 Analytical Results from 50 State Street

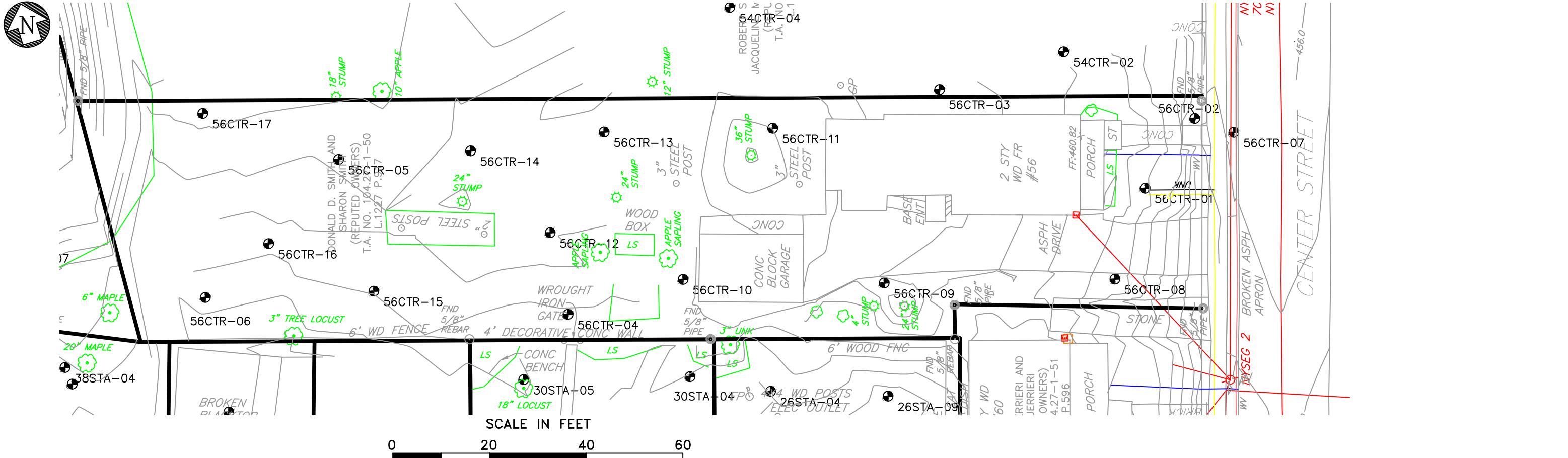
Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	50STA-11		50STA-12		50STA-13		50STA-14		50STA-15		50STA-16		50STA-17		50STA-18		50STA-19		50STA-20		50STA-21		50STA-22		50STA-23		50STA-24		50STA-25		50STA-26		
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead			
0	6	7.7	182	13.1	214	9.2	156	2.6	10.8	5.2	59.6	25.1	179	7.0	15.4	3.7	20.5	4.9	90.3	3.8	37.0	4.0	49.8	7.2	45.6	3.2	17.5	2.9	14.0	3.4	29.0	2.7J	9.4	
6	12	6.1	109	6.3	96.9	11.0	179	3.0	9.0	22.1	2250	4.9	26.5J	64.9	56.7	14.9	79.2	4.1	48.3	28.6	47.2	8.3	106	22.4	84.7	3.0	12.9	5.2	51.4	2.9	10.6	3.1	10.2	
12	18	6.3	85.9 J	4.8	67.3	5.1	25.3	4.8	12.9	10.8	813	6.1	41.5	50.0	168	24.1	171	4.5	29.4	11.6	55.1	6.2	114	84.3	28.5	6.3	101J	7.0	169	2.6	7.0	3.9	13.3	
18	24	5.2	86.7	6.3	211	5.2	10.4	5.4	191	4.9	352	5.3	130	18.4	105	15.7	130	4.5	44.9	4.6	38.6	11.8	159	14.8	20.5	54.3	59.9	21.0	78.9	3.4	12.1	4.8	10.3	
24	30																							6.9	168	18.3	36.4	6.7	15.5					
30	36																								5.7	132	18.5	37.1	5.9	30.1				
36	42																								4.2	39.5	11.1	260	6.4	25.7				
42	48																								6.0J	11.9J	10.6	138						
SCO applied:		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Residential		Unrestricted		Unrestricted		Residential														

2017 Analytical Results from 50 State Street

Results in milligrams per kilogram (mg/kg)

Start Depth (inches)	End Depth (inches)	50STA-27		50STA-28		50STA-29		50STA-30		50STA-31		50STA-32		50STA-33		50STA-34		50STA-35		50STA-36		50STA-37		50STA-38		50STA-39		50STA-40		50STA-41		50STA-42	
		Arsenic	Lead																														
0	6	4.6	23.9	3.1	8.9	5.7	48.1	7.4	52.7	4.6	20.2	9.4	60.9	2.6	6.6	3.0	6.2	2.5J	18.2	2.3J	9.9	4.5	18.5	4.0	14.9	2.8	9.1	3.2	14.1	6.2	50.2	10.6	120
6	12	3.9	14.2	2.8	7.9	5.8	52.6	6.6	15.3	25.0	58.8	9.4																					



LEGEND

56CTR-10	● SCREENING OR DESIGN SAMPLE
PROPERTY LINE/LEASE PARCEL LINE	— W — WATER LINE
RIGHT-OF-WAY LINE	■ E ■ ELECTRIC METER
TAX DIVISION LINE	— G — NATURAL GAS LINE
FENCE LINE	— OH E — OVERHEAD ELECTRIC LINE
EDGE OF WOODS, BRUSH OR LANDSCAPING	— OH T — OVERHEAD TELEPHONE LINE
SANITARY SEWER LINE	○ U ○ UTILITY POLE
SANITARY SEWER MANHOLE	○ U D ○ UTILITY POLE WITH LIGHT
SANITARY SEWER CLEANOUT	○ U D ○ LIGHT POLE
STORM SEWER LINE	□ P □ TELEPHONE CONNECTION
STORM SEWER MANHOLE	
STORM SEWER INLET	
6 INCH EXCAVATION AREA	

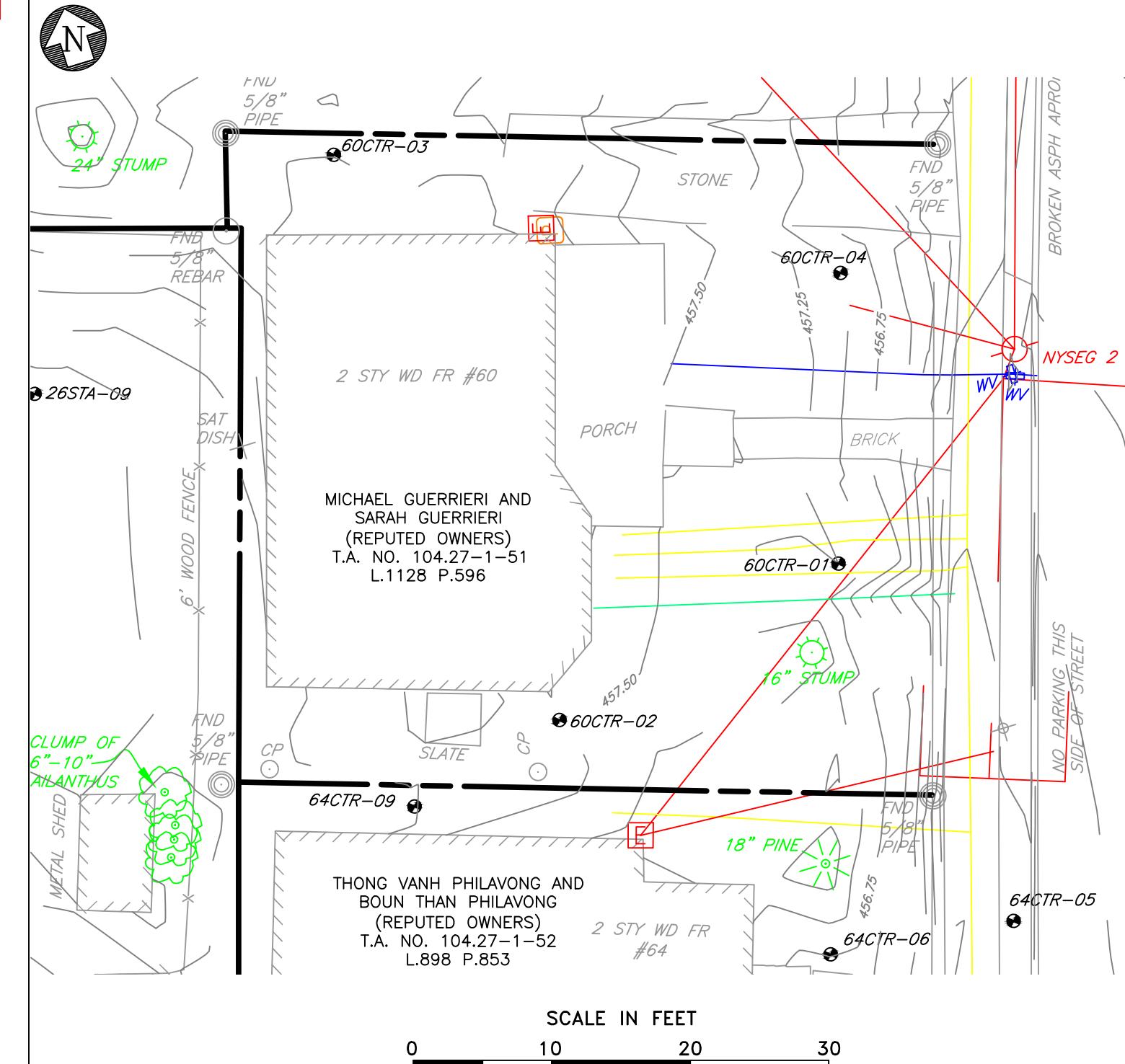
NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTICS FLAGGED "U" WERE NOT DETECTED (METHOD DETECTION LIMIT SHOWN). SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

Analytical Results for 56 Center Street											
		Results in milligrams per kilogram (mg/kg)									
Start Depth (inches)	End Depth (inches)	56CTR-01		56CTR-02		56CTR-03		56CTR-04		56CTR-05	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	8.4	469	11.5 U	169 J	9.4 U	631	19.0	473	16.7	259
2	6	10.1	308	12.0 U	143	9.6 U	229	16.1	396	18.3	211
6	12	7.9 U	188	8.4 U	53.4	7.5 U	72.3	17.7	1300	14.5	172
12	18							11.6	146		
18	24							8.0	99.5		

2017 Analytical Results from 56 Center Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		56CTR-07		56CTR-08		56CTR-09		56CTR-10		56CTR-11		56CTR-12		56CTR-13		56CTR-14		56CTR-15		56CTR-16	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	7.4	232	7.4	241	9.7	367	16.6	1180	11.1	171	20.5	731	13.1	237	18.6	327	16.4	435	19.0	289
6	12	8.5	118	10.0	103	7.9	98.2	14.5	768	13.3	179	26.6	601	17.7	213	22.7	269	23.6	271	11.2	188
12	18	7.1	16.4	4.8	22.1	5.2	22.9	9.1	48.0	10.4	62.9	14.3	213	11.2	144	9.2	29.9	15.2	221	7.5	55.6
18	24	5.7	19.8	8.4	15.8	7.5	15.4	6.4	19.9	8.8	47.4	6.8	34.2	6.6	13.1	7.0	13.5	6.4	59.9	8.0	37.8



LEGEND

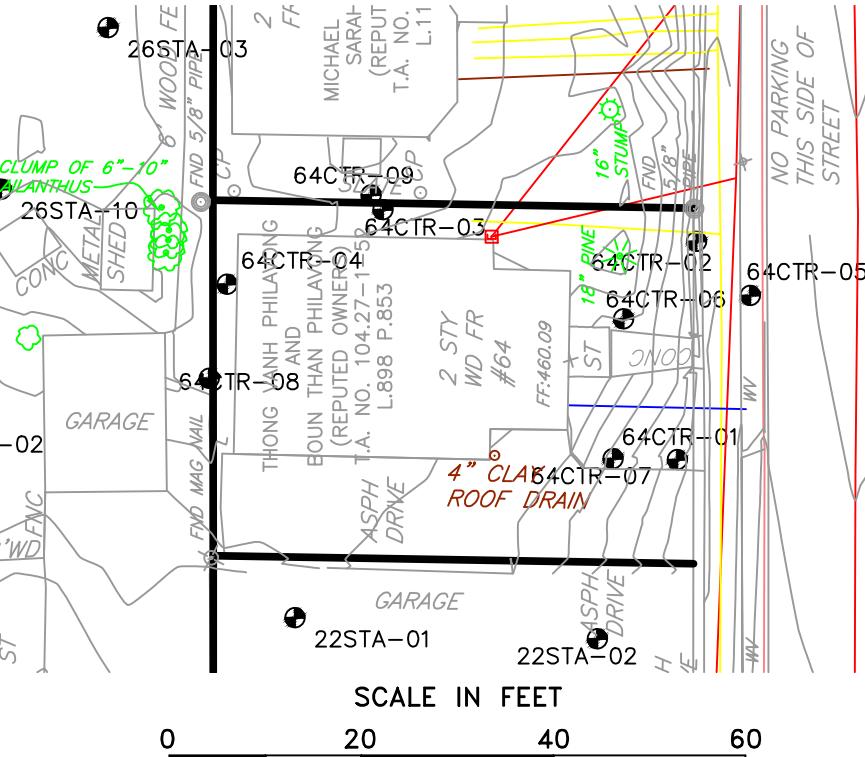
60CTR-03	● SCREENING OR DESIGN SAMPLE
—	PROPERTY LINE/LEASE PARCEL LINE
- - -	RIGHT-OF-WAY LINE
- - - - -	TAX DIVISION LINE
—	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
—	SANITARY SEWER LINE
(S)	SAN MH
(O)	SANITARY SEWER CLEANOUT
—	STORM SEWER LINE
(S)	STORM SEWER MANHOLE
(I)	STORM SEWER INLET

W	W	WATER LINE
E	E	ELECTRIC METER
G	G	NATURAL GAS LINE
OH E	OH E	OVERHEAD ELECTRIC LINE
OH T	OH T	OVERHEAD TELEPHONE LINE
O	O	UTILITY POLE
O-L	O-L	UTILITY POLE WITH LIGHT
O-P	O-P	LIGHT POLE
P	P	TELEPHONE CONNECTION

### NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

2017 Analytical Results from 60 Center Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		60CTR-01		60CTR-02		60CTR-03		60CTR-04	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	8.4	91.7	29.7	891	4.4	138	32.7	564
6	12	8.5	109 J	24.6	232	7.1	472	50.7	457
12	18	8.6	111	8.9	117	2.8	47.6	10	32.6
18	24	6.3	65.0	8.3	111	2.7	12.8	4.1	9.6



## LEGEND

64CTR-07	SCREENING OR DESIGN SAMPLE	
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	W
— — — — —	RIGHT-OF-WAY LINE	E
— — — — —	TAX DIVISION LINE	G
— — — — —	FENCE LINE	OH E
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	OH T
— S —	SANITARY SEWER LINE	○
(S) SAN MH	SANITARY SEWER MANHOLE	○ · □
○ CO	SANITARY SEWER CLEANOUT	○ · D
— ST — ST —	STORM SEWER LINE	P
●	STORM SEWER MANHOLE	
■	STORM SEWER INLET	

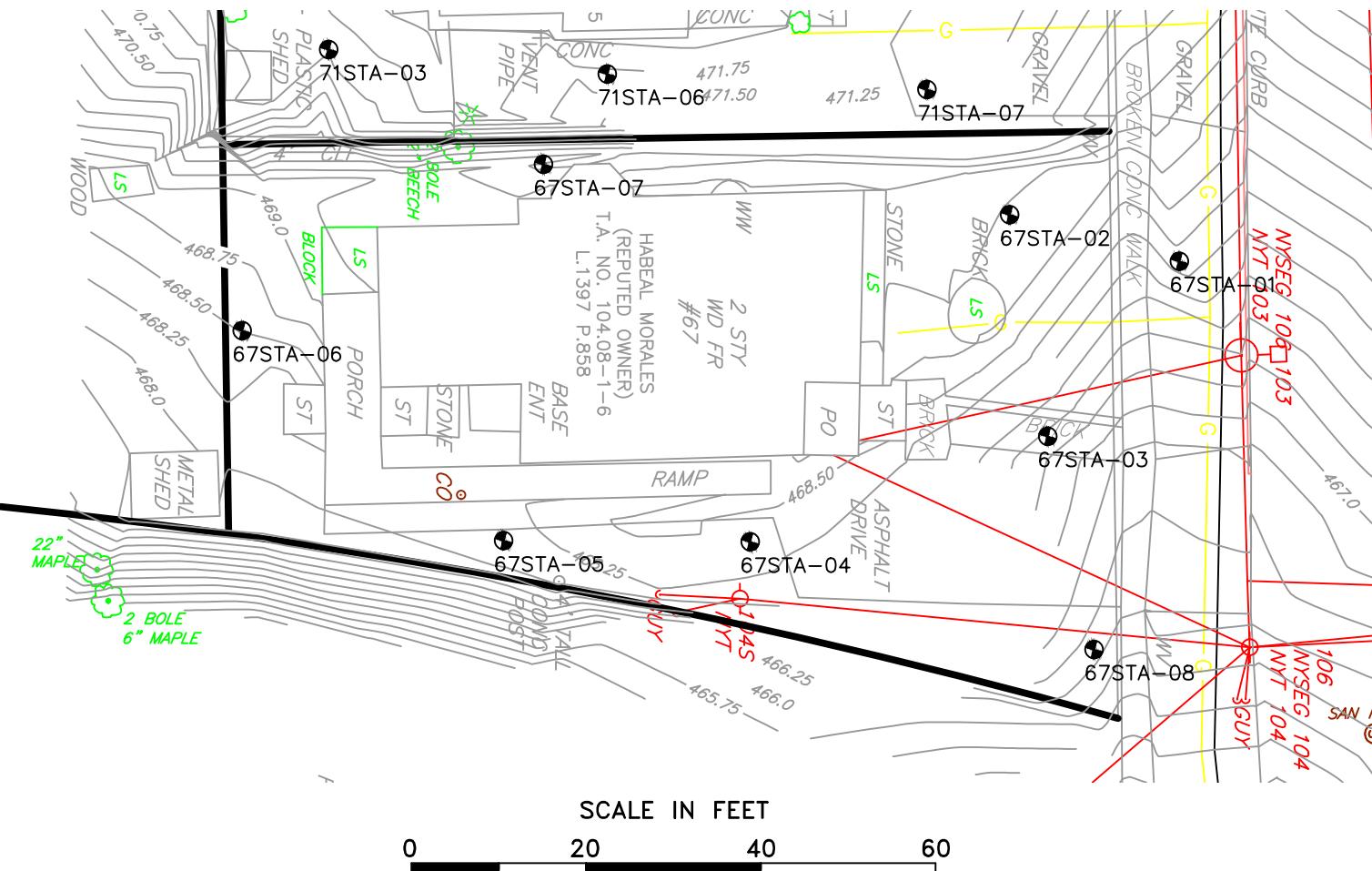
1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E)
 2. BASE MAP SURVEY BY FISHER ASSOCIATES.
 3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
 4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "R" WERE REJECTED BASED ON QUALITY CONTROL REVIEW. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

Analytical Results for 64 Center S

Analytical Results for 64 Center Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		64CTR-01		64CTR-02		64CTR-03		64CTR-04	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	23.8	291	18.6	257	20.3	559	22.7	598
2	6	36.1	314	20.8	272	26.9	495	22.3	631
6	12	34.3	191	25.8	278	38.8	266	26.6	435

2017 Analytical Results from 64 Center St





SCALE IN FEET
0 20 40 60

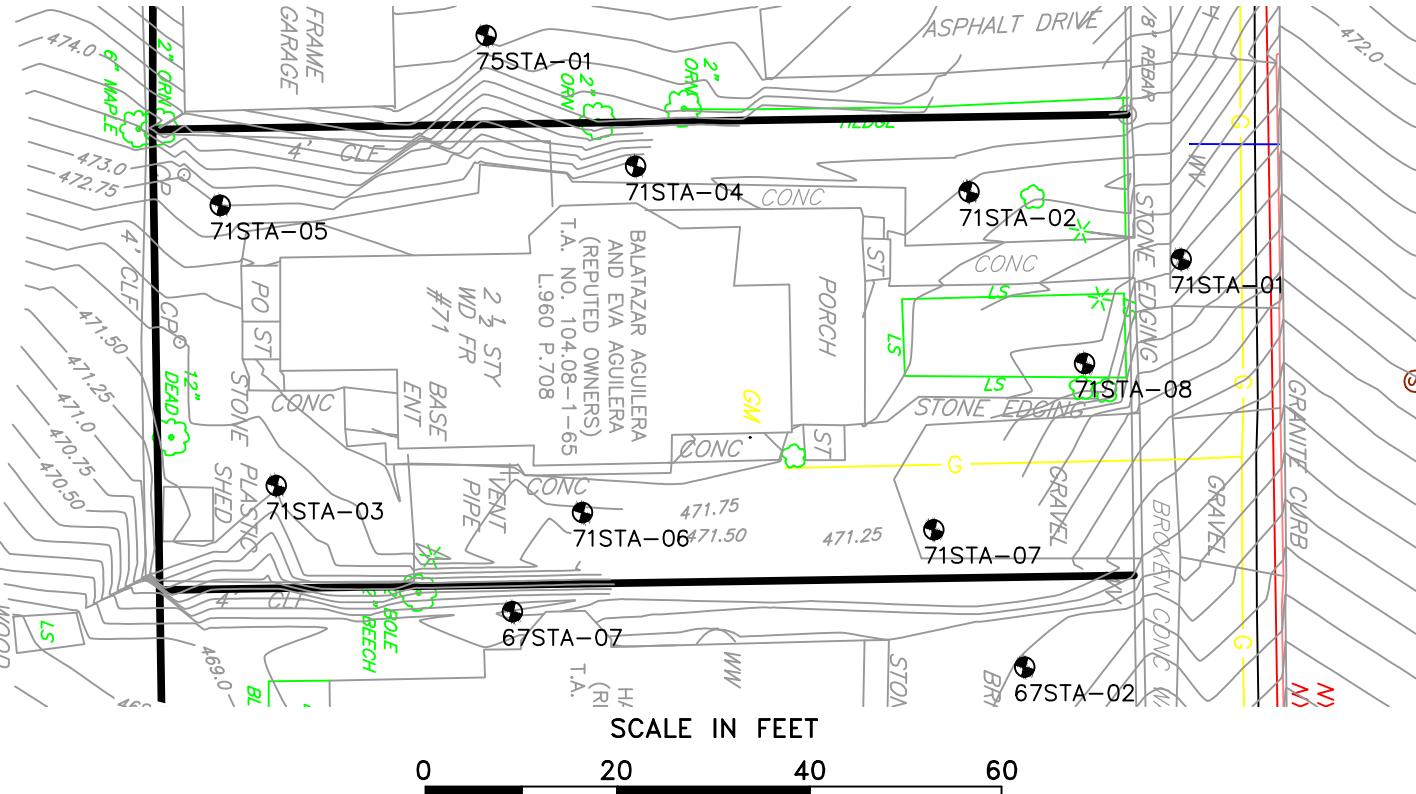
NOTES

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LEGEND

67STA-05	● SCREENING OR DESIGN SAMPLE	— W WATER LINE
	— PROPERTY LINE/LEASE PARCEL LINE	■ E ELECTRIC METER
	— RIGHT-OF-WAY LINE	— G NATURAL GAS LINE
	— TAX DIVISION LINE	— OH E OVERHEAD ELECTRIC LINE
	— FENCE LINE	— OH T OVERHEAD TELEPHONE LINE
—	EDGE OF WOODS, BRUSH OR LANDSCAPING	○ Utility Pole
—	SANITARY SEWER LINE	○ Utility Pole with Light
○	SANITARY SEWER MANHOLE	○ D Light Pole
○ CO	SANITARY SEWER CLEANOUT	□ Telephone Connection
— ST — ST	STORM SEWER LINE	
●	STORM SEWER MANHOLE	
■	STORM SEWER INLET	

2017 Analytical Results from 67 State Street																	
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		67STA-01		67STA-02		67STA-03		67STA-04		67STA-05		67STA-06		67STA-07		67STA-08	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	34.1	266	26.7	154	23.9	287	12.6	391	38.0	531	36.2	363	31.8	1340	8.7	195
6	12	63.9	145	11.7	39.9	13.2	59.9	6.3	76.8	7.2	80.6	13.9	195	21.8	341	4.3	31.5
12	18	3.6	16.2	7.9	35.5	13.9	62.8	5.0	55.9	5.1	58.7	4.8	80.3	6.9	132	3.6	47.4
18	24	3.9	25.8	3.4	39.2	6.1	26.8J	4.6	52.7	4.8	45.0	4.1	36.1	4.4	12.4	2.9	19.1



NOTES

- FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
- BASE MAP SURVEY BY FISHER ASSOCIATES.
- ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
- DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

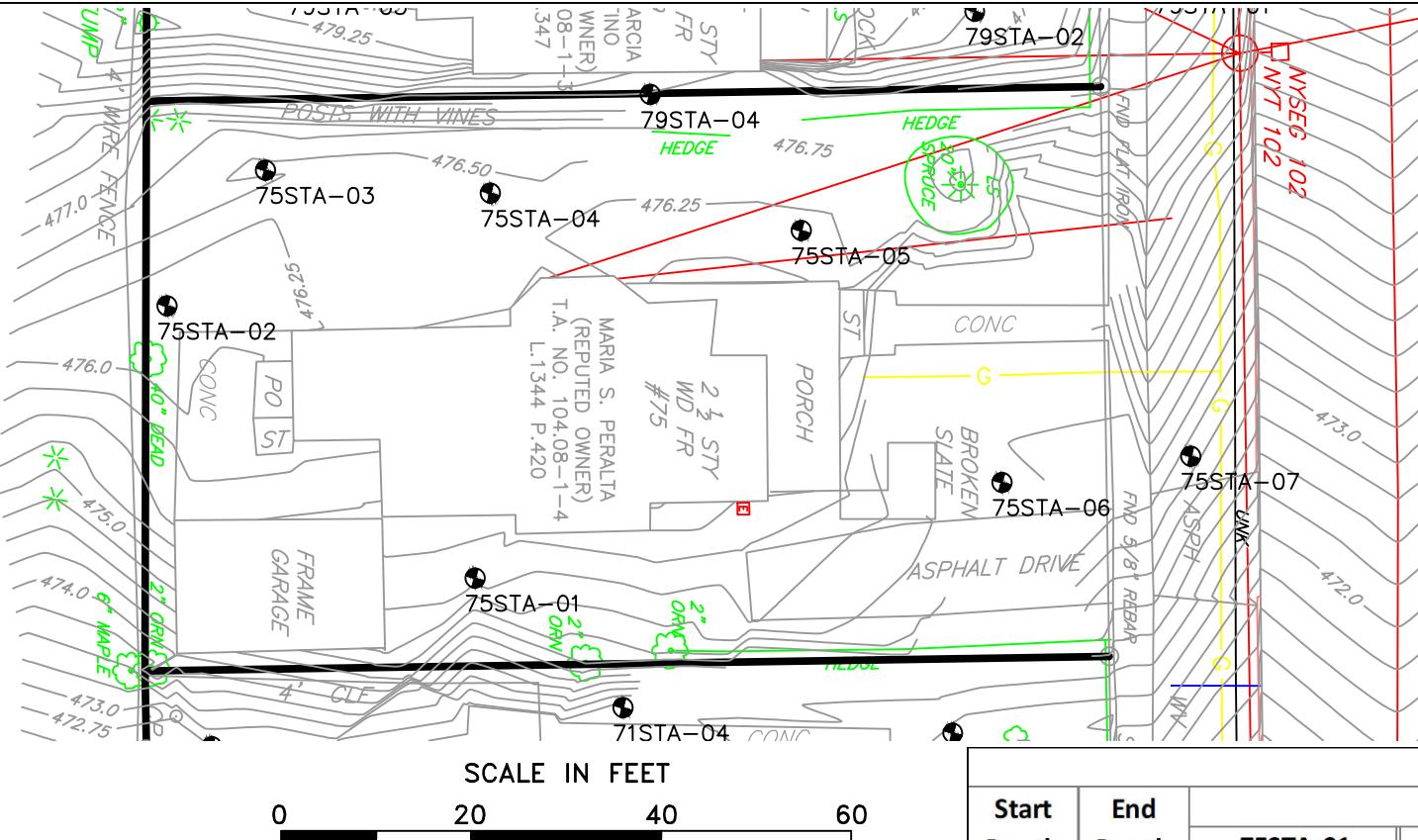
2017 Analytical Results from 71 State Street																	
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		71STA-01		71STA-02		71STA-03		71STA-04		71STA-05		71STA-06		71STA-07		71STA-08	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	26.6	187	38.2	374	8.4J	284J	60.9	558	18.2	298	46.8	778	3.9	4.7	28.9	230
6	12	40.8	145	64.0	274	10.5	284	5.3	50.2	19.4	243	13.2	76.4	3.0	11.0	10.8	79.6
12	18	4.4	17.7	30.5	93.5	7.1	137	5.8	12.4	9.9	76.2	4.1	9.6	5.8J	42.3J	3.0	24.1
18	24	3.7	11.5	6.3J	12.7J	4.7	72.1	6.1	14.3	4.2	38.2	3.6	39.6	5.3	49.7	4.1	52.2
24	30			7.4	12.8												
30	36			6.9	10.7												

LEGEND

71STA-01	● SCREENING OR DESIGN SAMPLE	— W —	WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	— OH E —	OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	— OH T —	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	O	UTILITY POLE
— S —	SANITARY SEWER LINE	O — L —	UTILITY POLE WITH LIGHT
(S) SAN MH	SANITARY SEWER MANHOLE	O — D —	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
— ST — ST —	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		



SHAWN A. MCCANN  
(REPUTED OWNER)



SCALE IN FEET

1

- 475.0

474.0

  1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. (E&E).
  2. BASE MAP SURVEY BY FISHER ASSOCIATES.
  3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
  4. DATA VALIDATION BY E&E. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

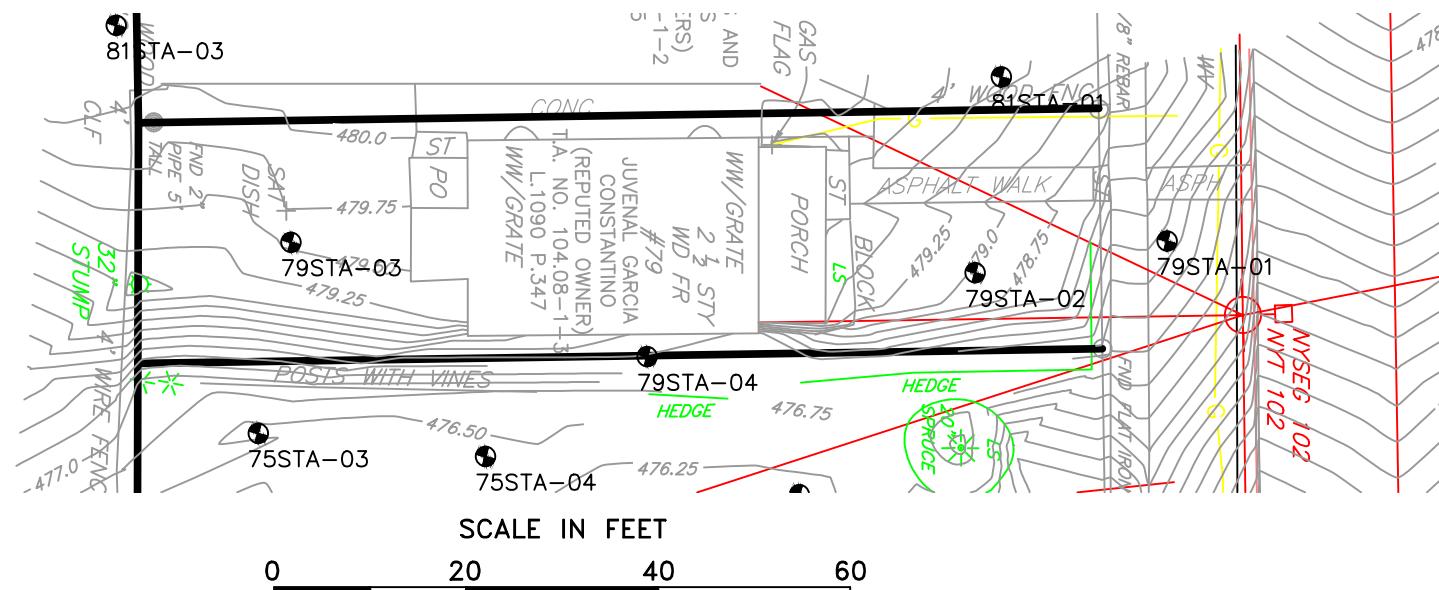
2017 Analytical Results for 75 State S

2017 Analytical Results for 75 State Street															
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)													
		75STA-01		75STA-02		75STA-03		75STA-04		75STA-05		75STA-06		75STA-07	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	14.7	464	10.7	256	23.3	444	50.8	455	22.2	369	38.0	380	80.7	395
6	12	9.1	83.8	25.0	264	31.5	516	41.6	301	11.2	200 J	31.3	80.5	60.5	330
12	18	8.1	102	15.8	164	21.6 J	316	12.9	167	5.6	29.3	11.7	101	8.0	69.8
18	24	7.2	46.5	14.5	151	14.7	190	8.6	101	6.0	14.3	5.0	53.8	4.3	41.1 J
24	30	6.5	34.7	7.4	42.3	8.3	35.1	8.4	16.7						
30	36	4.3	38.3	7.4	25.4	8.2	22.0	7.4	18.6						
36	42	6.3	30.8	6.8	25.1	6.7	21.7	11.2	34.4						
42	48	6.8	13.8	7.4	41.9	4.5	9.4	4.9	8.8						

## LEGEND

75STA-01	SCREENING OR DESIGN SAMPLE		
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	W	WATER LINE
— — — — —	RIGHT-OF-WAY LINE	E	ELECTRIC METER
— — — — —	TAX DIVISION LINE	G	NATURAL GAS LINE
— — — — —	FENCE LINE	OH E	OVERHEAD ELECTRIC
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	OH T	OVERHEAD TELEPHONE
— S —	SANITARY SEWER LINE	O	UTILITY POLE
(SAN MH	SANITARY SEWER MANHOLE	• O	UTILITY POLE WITH LI
o CO	SANITARY SEWER CLEANOUT	• D	LIGHT POLE
— ST — ST	STORM SEWER LINE	P	TELEPHONE CONNECT
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		





NOTES

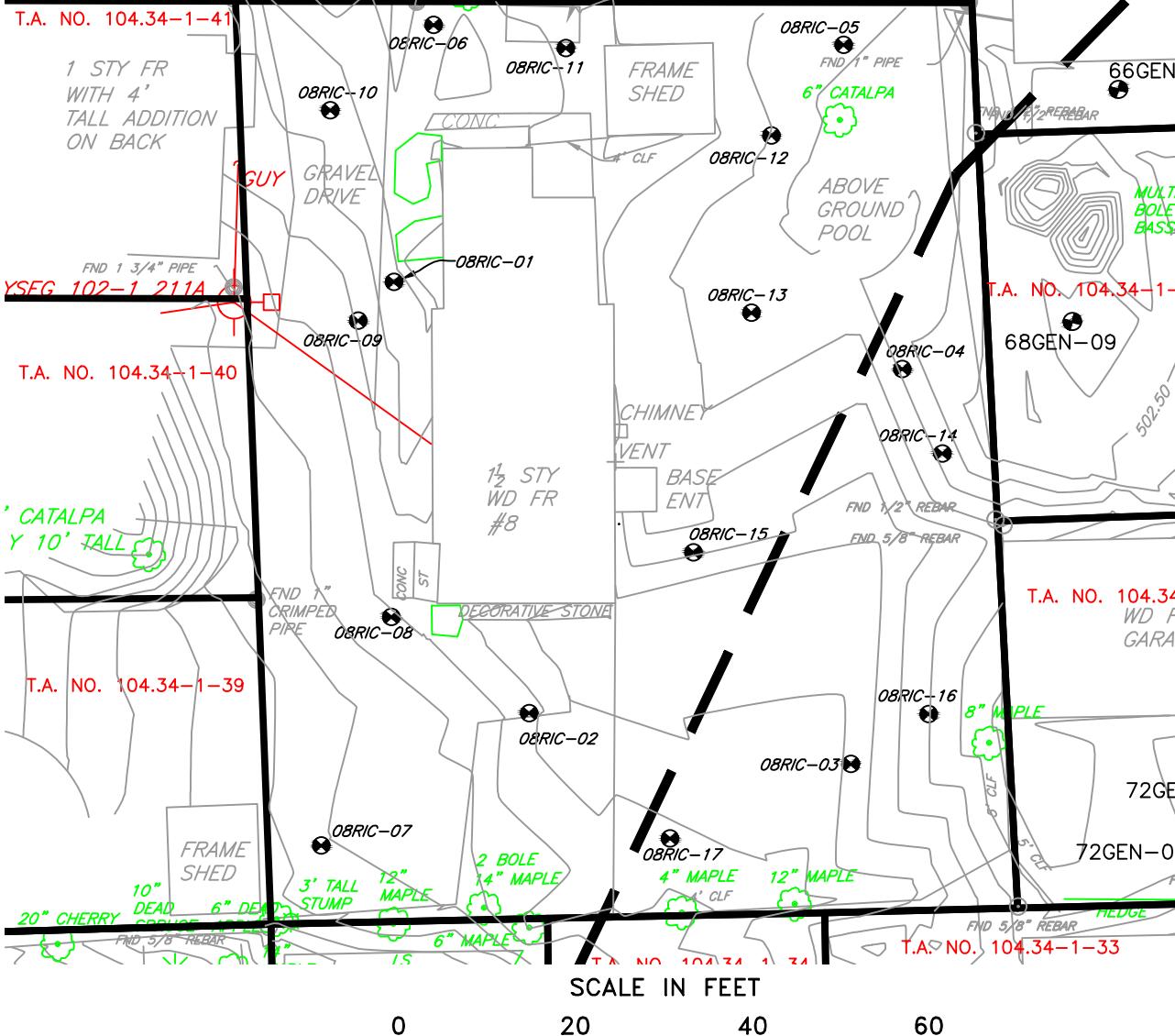
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2017 Analytical Results from 79 State Street								
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)						
		79STA-01		79STA-02		79STA-03		79STA-04
0	6	46.8	357	14.2	184	13.6	329	16.8 540
6	12	29.6	219	13.5	140	29.5	269	28.8 343
12	18	7.2	90.4	6.3	174	9.1	76.9	7.9 140
18	24	5.2	52.5	5.1	349 J	7.7	108	8.2 142

LEGEND

79STA-01	● SCREENING OR DESIGN SAMPLE	W	— WATER LINE
— PROPERTY LINE/LEASE PARCEL LINE		■	ELECTRIC METER
— RIGHT-OF-WAY LINE		G	NATURAL GAS LINE
— TAX DIVISION LINE		OH E	OVERHEAD ELECTRIC LINE
— FENCE LINE		OH T	OVERHEAD TELEPHONE LINE
— EDGE OF WOODS, BRUSH OR LANDSCAPING		○	UTILITY POLE
S SAN MH	● SANITARY SEWER LINE	○ D	UTILITY POLE WITH LIGHT
○ CO	● SANITARY SEWER MANHOLE	○ D	LIGHT POLE
— ST ST	● SANITARY SEWER CLEANOUT	□	TELEPHONE CONNECTION
● SAN MH	● STORM SEWER LINE		
● CO	● STORM SEWER MANHOLE		
● ST	● STORM SEWER INLET		

L.1184 P.995



LEGEND

08RIC-02	SCREENING OR DESIGN SAMPLE
—	PROPERTY LINE/LEASE PARCEL LINE
— — —	RIGHT-OF-WAY LINE
— — — —	TAX DIVISION LINE
— — — — —	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
— S —	SANITARY SEWER LINE
(S) SAN MH	SANITARY SEWER MANHOLE
○ CO	SANITARY SEWER CLEANOUT
— ST — ST	STORM SEWER LINE
○ M	STORM SEWER MANHOLE
— M —	STORM SEWER INLET
W	WATER LINE
E	ELECTRIC METER
G	NATURAL GAS LINE
— OH E —	OVERHEAD ELECTRIC LINE
— OH T —	OVERHEAD TELEPHONE LINE
○ —	UTILITY POLE
○ — □	UTILITY POLE WITH LIGHT
○ — D	LIGHT POLE
□ — P	TELEPHONE CONNECTION

## 2017 Analytical Results for 8 Richards Avenue

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		08RIC-01		08RIC-02		08RIC-03		08RIC-04		08RIC-05	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	11.2	294	3.1	11.9	16.3	775	27.6	1400	20.7	468
2	6	12.8	285	11.1	237	17.1	1020	26.2	1060	21.5	416
6	12	7.4	99.0 J	6.3	123	16.4	862	8.7	100	6.9	127

## 2018 Analytical Results for 8 Richards Avenue

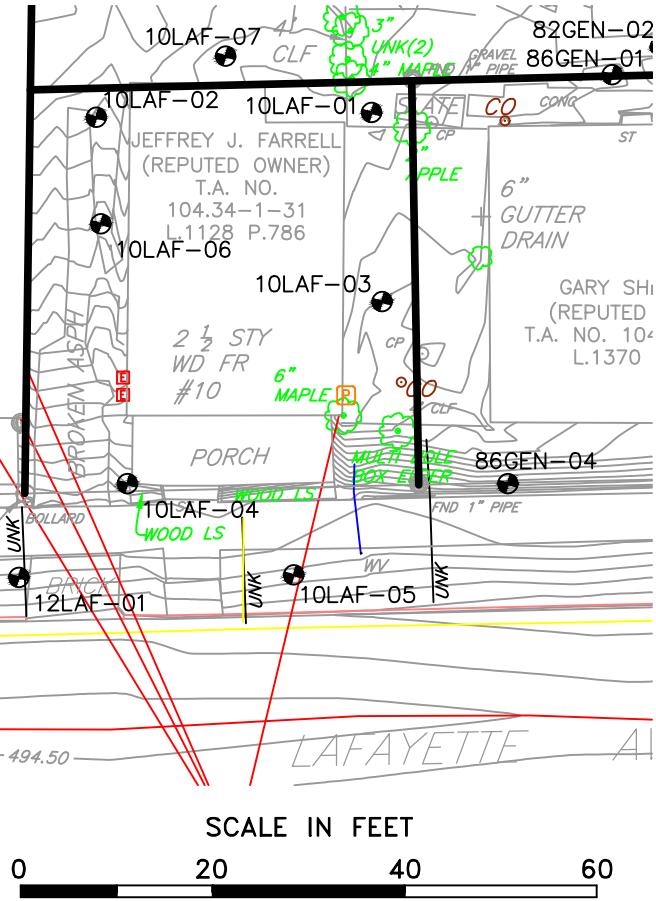
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		08RIC-07		08RIC-08		08RIC-09		08RIC-10		08RIC-11	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	7.9	133	14.2	280	4.0	50.2	8.1	191	21.6	282
6	12	20.6	220	7.8	137	4.2	30.8	11.4 J	319	11.5	112
12	18	8.7	65.3	5.9	14.6	6.2	18.8	5.6 J	35.8	7.9	25.2
18	24	4.8	26.3	5.8	14.5	7.0	22.0	6.5 J	19.1	6.3	16.2

## 2018 Analytical Results for 8 Richards Avenue

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		08RIC-14		08RIC-15		08RIC-16		08RIC-17			
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	11.0	1240	12.4	131	13.8	265	4.7	19.7		
6	12	7.1	148	7.0	80.0	11.2	294	14.1	87.2		
12	18	5.4	26.3	6.9	17.3	6.4	79.6	14.1	99.6		
18	24	4.9	10.6	7.4	16.7	5.4	21.2	5.3	30.5		

## NOTES

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2017 Analytical Results for 10 Lafayette Avenue									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		10LAF-01		10LAF-02		10LAF-03		10LAF-04	
0	2	19.3	608	14.9	703	32.2	725	9.8	391
2	6	26.0J	606	17.6	605	26.2	574	8.7	152
6	12	20.9	457	9.8	524	6.4	93.0	13.9	224
12	18	6.8	169	4.7	119J				
18	24			4.7	19.7				

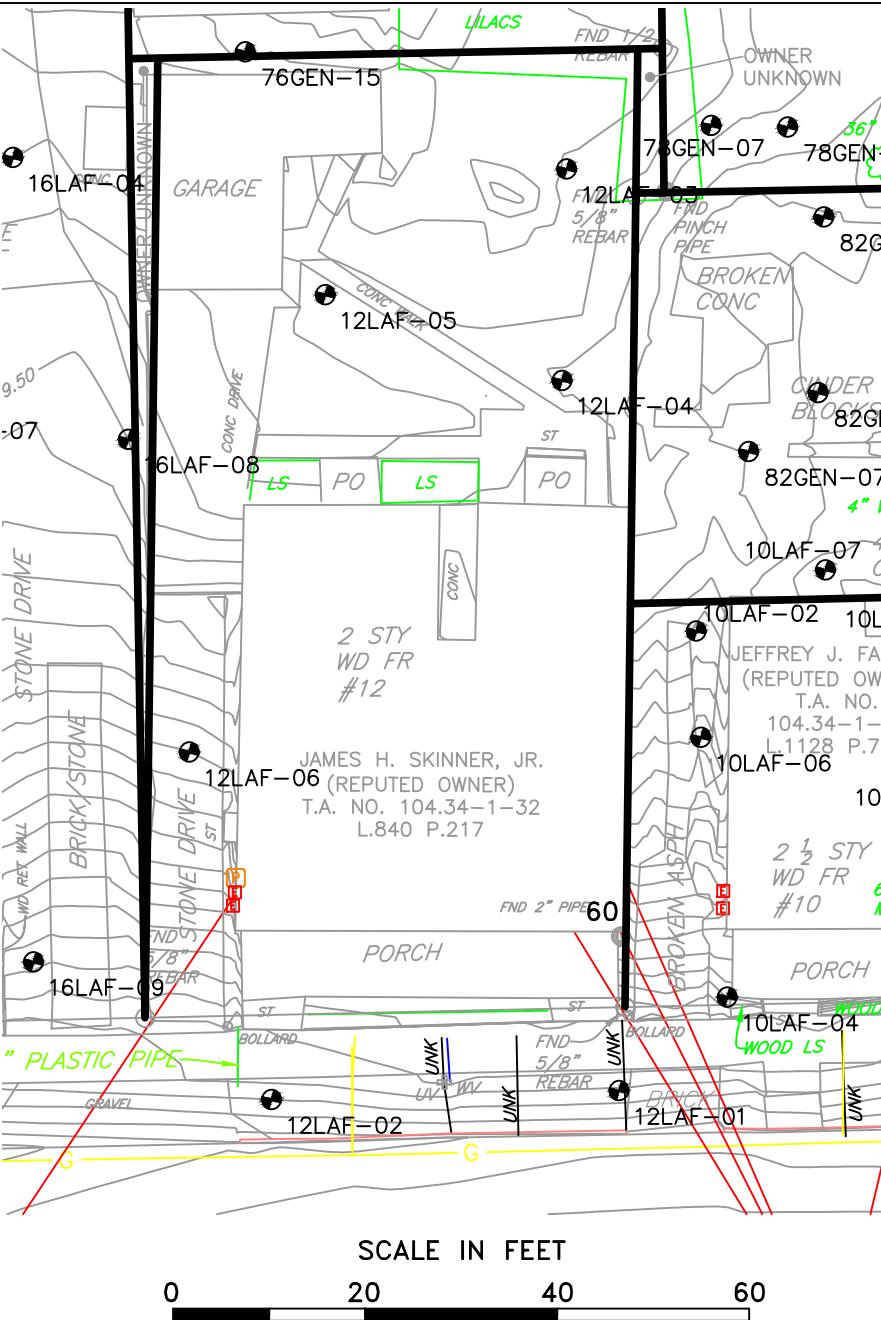
2017 Analytical Results for 10 Lafayette Avenue							
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)					
		10LAF-05		10LAF-06		10LAF-07	
0	6	10.9	127	13.4	197	35.8	877
6	12	11.6	160	4.6	67.9	19.0	561
12	18	11.4	129	5.9	33.9	6.3	91.6
18	24	10.3	107	7.3	24.5	5.1	41.8

## LEGEND

10LAF-02	● SCREENING OR DESIGN SAMPLE	—W—	WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	■ E	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	— G —	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	— OH E —	OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	— OH T —	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	UTILITY POLE
—s—	SANITARY SEWER LINE	○ · □	UTILITY POLE WITH LIGHT
⑤ SAN MH	SANITARY SEWER MANHOLE	○ D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	□	TELEPHONE CONNECTION
—ST—ST—	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		

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LEGEND

12LAF-02	● SCREENING OR DESIGN SAMPLE	— W —	WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	■	ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	— G —	NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	— OH E —	OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	— OH T —	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○ —	UTILITY POLE
— S —	SANITARY SEWER LINE	○ — D —	UTILITY POLE WITH LIGHT
⑤ SAN MH	SANITARY SEWER MANHOLE	○ D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	□	TELEPHONE CONNECTION
— ST — ST —	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		

Department of  
Environmental  
Conservation

Start Depth (inches)	End Depth (inches)	2017 Analytical Results for 12 Lafayette Avenue									
		12LAF-01		12LAF-02		12LAF-03		12LAF-04		12LAF-05	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	6.9	502	10.7	735	17.9	1130	20.9	737	11.7	661
6	12	7.1	287	9.5	462	29.8	1190	19.5	805	11.1	611
12	18	3.2	9.0	5.0	92.8	14.8	519	124	2130	6.1	155
18	24	2.0 J	4.6	3.6	99.9	13.8	875	8.0	137	7.2	26.4
24	30					8.3	78.7	8.5	24.5		
30	36					7.6	39.9	7.6	27.1		
36	42					8.1	20.8	6.0	27.0		
42	48					5.6	20.6				

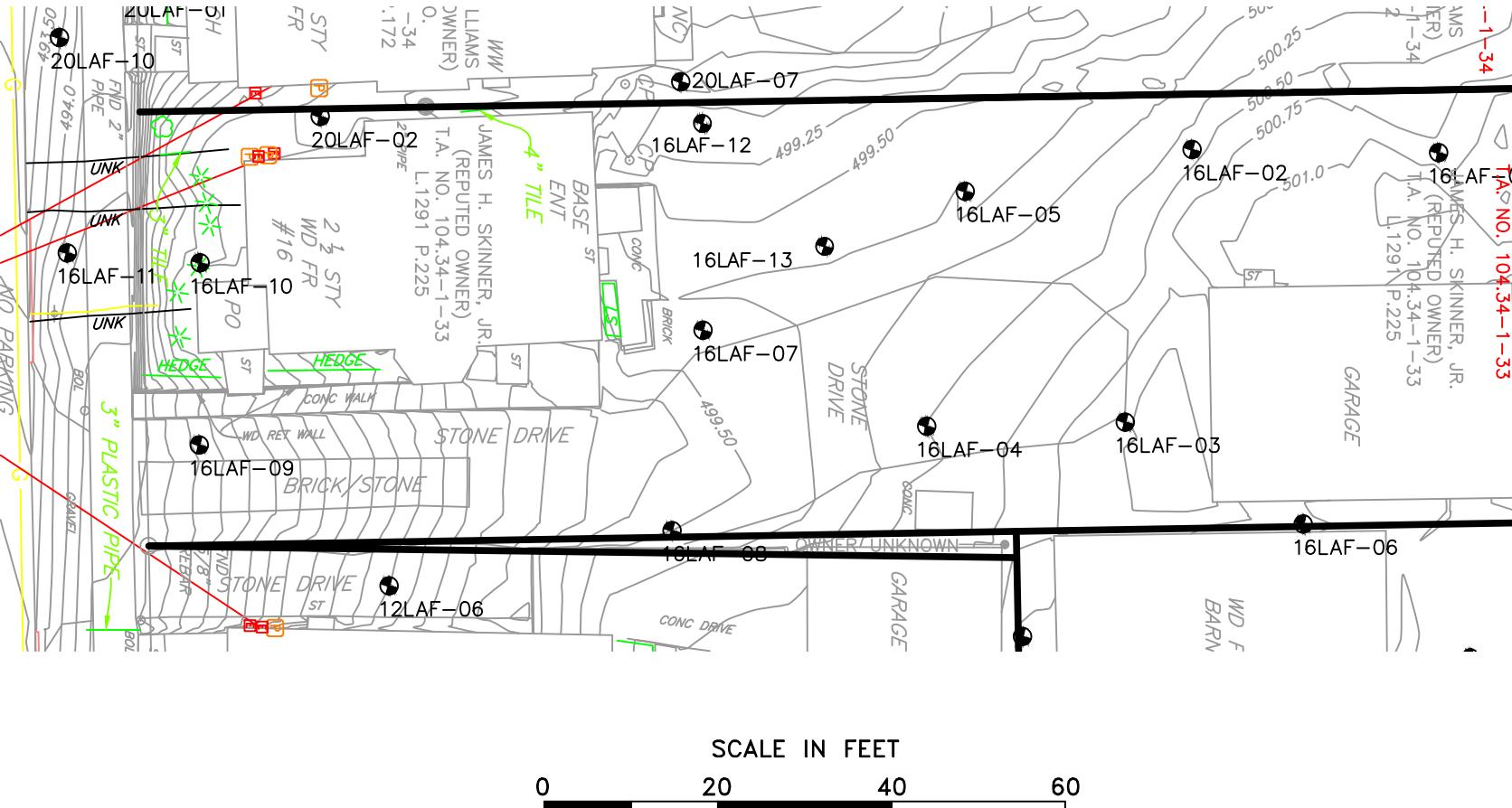
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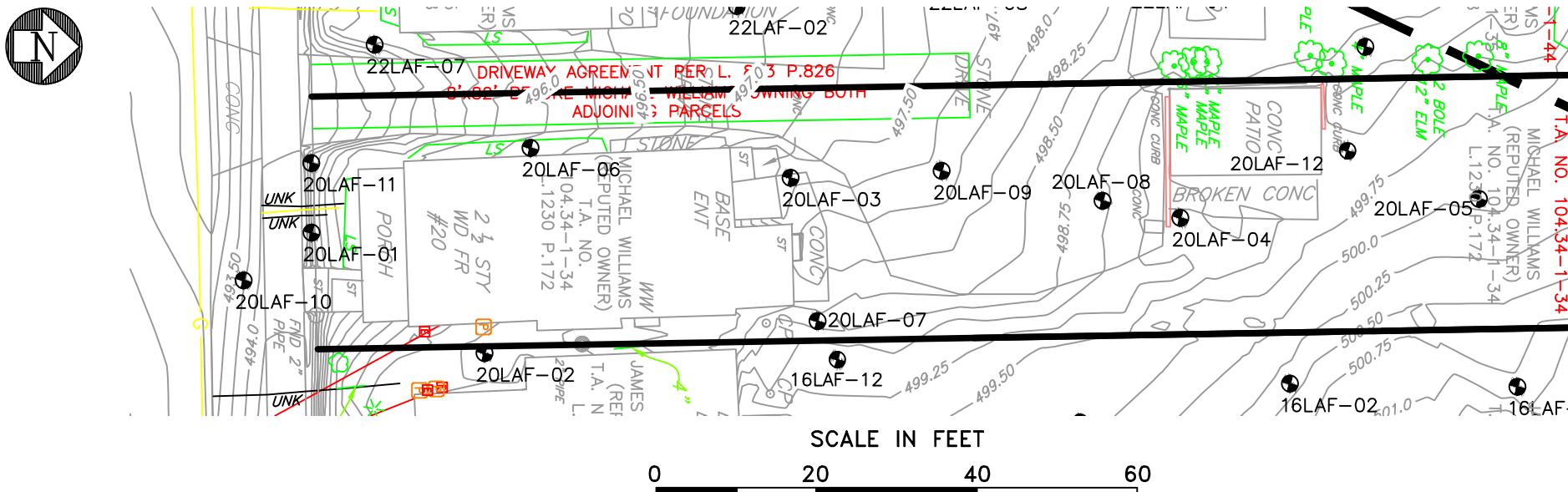


## **2017/2018 Analytical Results for 16 Lafayette Ave**

## LEGEND

16LAF-02	SCREENING OR DESIGN SAMPLE	
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	W
— — — — —	RIGHT-OF-WAY LINE	E
— — — — —	TAX DIVISION LINE	G
— — — — —	FENCE LINE	OH E
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	OH T
S — — — —	SANITARY SEWER LINE	○ —
(S) SAN MH	SANITARY SEWER MANHOLE	○ — — — —
○ CO	SANITARY SEWER CLEANOUT	○ — — — — —
ST — — ST	STORM SEWER LINE	○ — — — — — —
	STORM SEWER MANHOLE	P
	STORM SEWER INLET	





2017 Analytical Results for 20 Lafayette Avenue											
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)									
		20LAF-01		20LAF-02		20LAF-03		20LAF-04		20LAF-05	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	26.2	1090	22.7	1480	4.8	139	9.4	495	16.3	403
2	6	42.9	1180	8.6	272	N/A	N/A	11.1	458	17.2	374
6	12	21.5	738	5.2	41.9	N/A	N/A	8.9	151	7.7	68.7
12	18	6.5	96.5								
18	24	7.4	92.3								

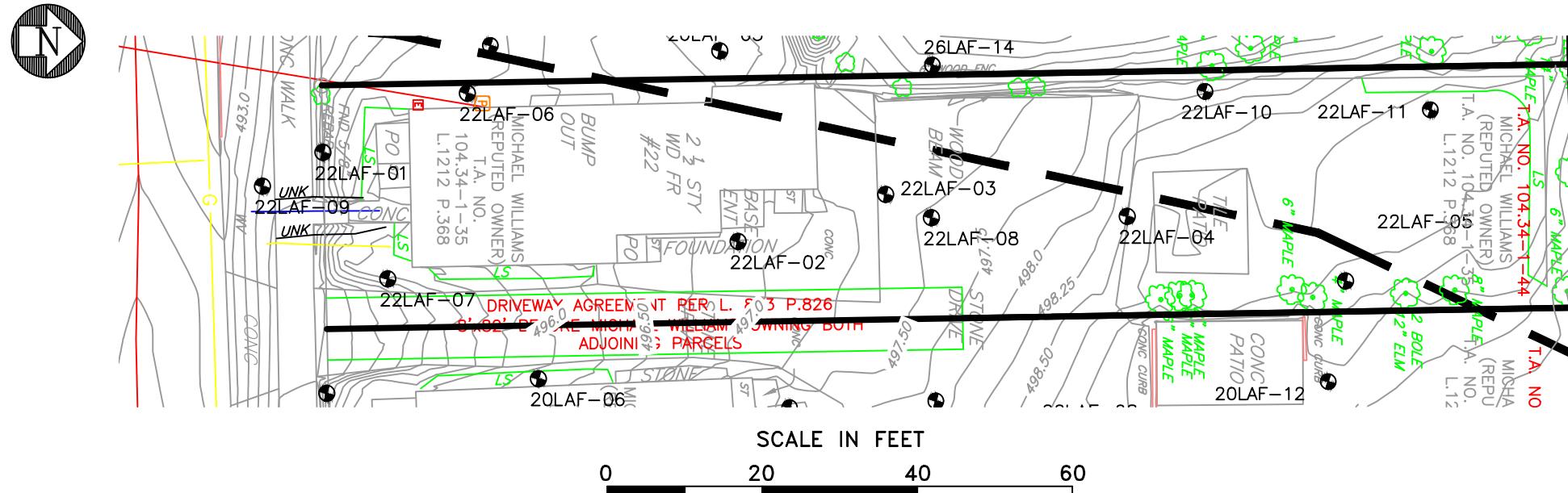
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2017/2018 Analytical Results for 20 Lafayette Avenue															
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)													
		20LAF-06		20LAF-07		20LAF-08		20LAF-09		20LAF-10		20LAF-11		20LAF-12	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	6.8	213	12.5	822	28.1	776	13.3	557	28.3	681	7.2	470	8.9	500
6	12	6.5	83.5	7.7	4860	9.3	613	11.1	1910	33.4	491	5.3	92.3	7.4	300
12	18	7.2	97.4	4.5	39.6	4.8	61.5	8.5	97.6	5.6	42.1	5.2	44.2	5.2	78.7
18	24	6.0	16.4	5.5	21.2	6.8	59.4	9.3	77.7	4.3	13.2	4.8	53.4	5.6	30.0

LEGEND

20LAF-02	SCREENING OR DESIGN SAMPLE	W	WATER LINE
—	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
— — —	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
— — —	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
— — —	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	O	UTILITY POLE
S	SANITARY SEWER LINE	O —	UTILITY POLE WITH LIGHT
⑤ SAN MH	SANITARY SEWER MANHOLE	· D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
ST — ST	STORM SEWER LINE		
STORM SEWER MANHOLE			
STORM SEWER INLET			



#### 2017 Analytical Results for 22 Lafayette Avenue

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		22LAF-01		22LAF-02		22LAF-03		22LAF-04		22LAF-05		22LAF-06	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	8.7	762	8.1	491	5.8	148	16.3	269	8.6	220	14.6	2310
2	6	8.8	804	9.3	479	11.6	363	9.9	216	9.5	271	11.9	893
6	12	5.7	191	13.3	212	11.6	490	6.4	44.3	9.2	190	5.1	99.0 J
12	18					15.2	321						
18	24					16.6	346						

#### NOTES

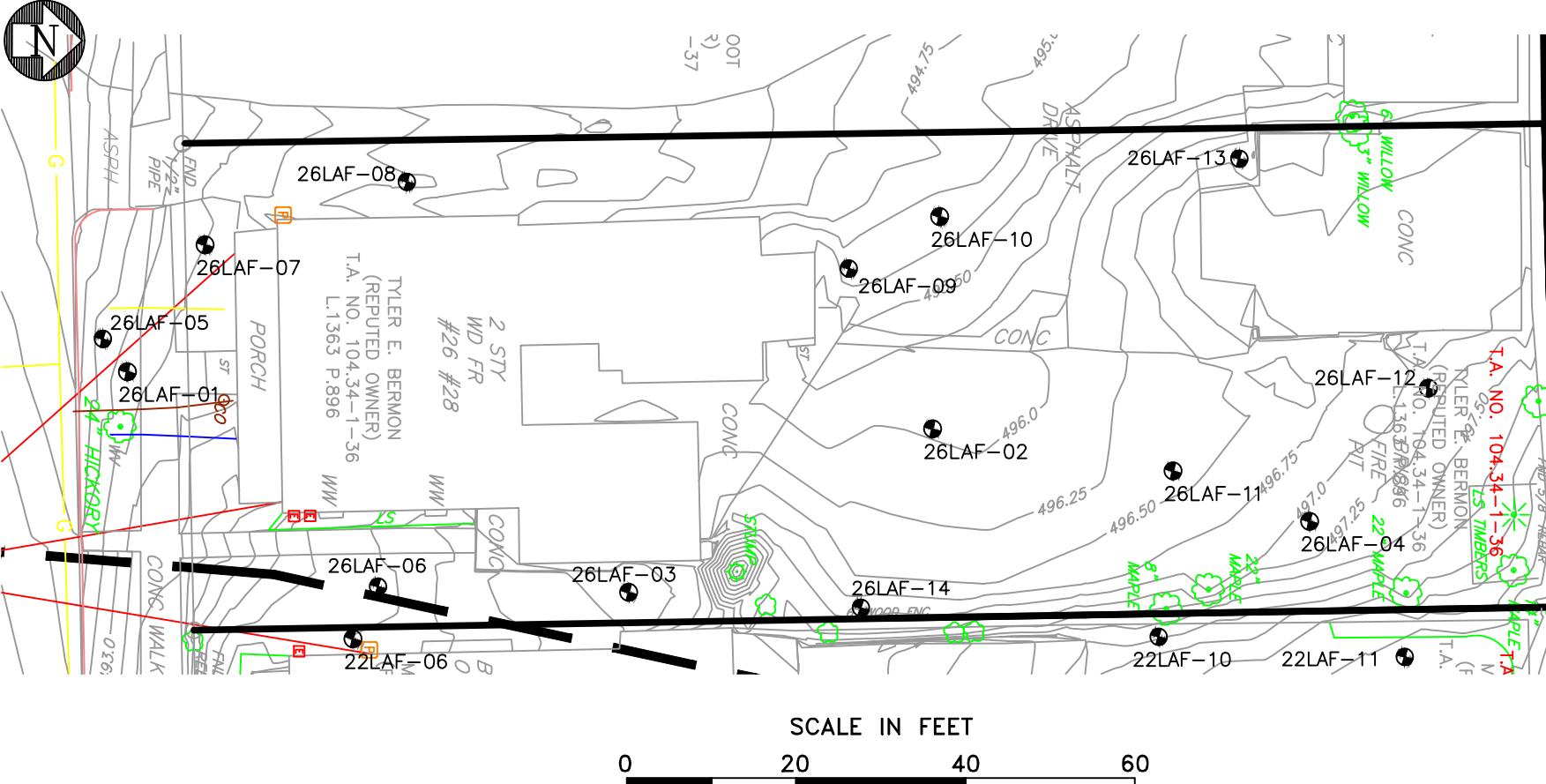
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#### 2017/2018 Analytical Results for 22 Lafayette Avenue

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		22LAF-07		22LAF-08		22LAF-09		22LAF-10		22LAF-11			
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	8.0	280	8.3	331	13.4	1310	6.4	156	8.4	222		
6	12	5.1	93.5	6.7	353	9.7	686	14.0	345	9.0	209		
12	18	3.5 J	21.2	5.2	303	17.2	857	13.5	584	11.9	255		
18	24	3.9	14.7	3.2 J	69.5	21.9	790	7.8	173	7.8	140		
24	30					3.7	31.1						
30	36					3.7	13.8						
36	42					2.9 J	5.4						

#### LEGEND

20LAF-02	SCREENING OR DESIGN SAMPLE	W	WATER LINE
PROPERTY LINE/LEASE PARCEL LINE		E	ELECTRIC METER
RIGHT-OF-WAY LINE		G	NATURAL GAS LINE
TAX DIVISION LINE		OH E	OVERHEAD ELECTRIC LINE
FENCE LINE		OH T	OVERHEAD TELEPHONE LINE
EDGE OF WOODS, BRUSH OR LANDSCAPING		O	UTILITY POLE
SANITARY SEWER LINE		O-D	UTILITY POLE WITH LIGHT
(SAN MH)	SANITARY SEWER MANHOLE	D	LIGHT POLE
CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
ST-ST	STORM SEWER LINE		
STORM SEWER MANHOLE			
STORM SEWER INLET			



Analytical Results for 26 Lafayette Avenue									
		Results in milligrams per kilogram (mg/kg)							
Start Depth (inches)	End Depth (inches)	26LAF-01		26LAF-02		26LAF-03		26LAF-04	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	21.5	1530	50.4	366	15.6	1140	15.3	1480
2	6	22.6	1400	33.1	303	17.9	446	14.4	1330
6	12	18.7	414	13.7	175	7.6 J	189	8.1	755
12	18							5.4	165
18	24							6.6	64.8

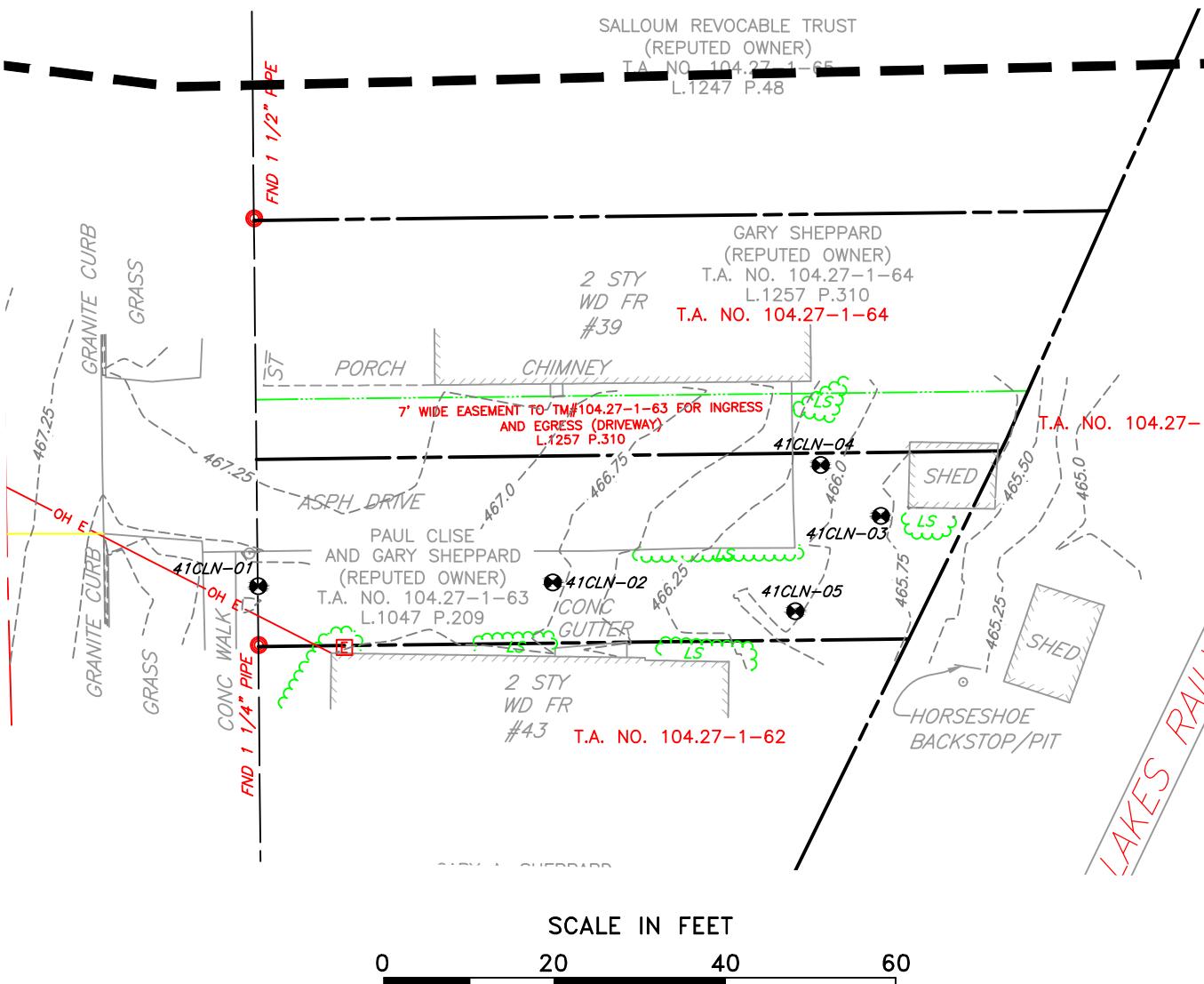
## NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.

2017/2018 Analytical Results for 26 Lafayette Avenue																					
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		26LAF-05		26LAF-06		26LAF-07		26LAF-08		26LAF-09		26LAF-10		26LAF-11		26LAF-12		26LAF-13		26LAF-14	
0	6	24.1	610	22.3	544	66.8	1570	7.4	523	17.0	1890	13.5	346	12.3	449	11.5	437	5.6	129	10.0	310
6	12	27.8	548	9.7	185 J	22.6	760	3.0 J	30.8	8.5	340	8.7	128	10.8	331	10.7	277	8.9	402	11.3	338
12	18	26.5	433	4.9	38.3	8.8	222	2.9 J	21.5	5.4	129	5.1	64.5	6.4	138	5.7	87.0	9.1	104	6.6	132
18	24	12.6	213	8.1	32.0	8.7	97.7	6.1	16.6	5.0	216	4.3	17.8	2.7 J	23.5	3.8	80.6	4.5	19.5	5.1	160
24	30	6.3	64.0																		
30	36	6.2	43.7																		
36	42	8.1	19.4																		
42	48	8.0	44.3																		

## LEGEND

20LAF-02	SCREENING OR DESIGN SAMPLE	W	WATER LINE
PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER	
RIGHT-OF-WAY LINE	G	NATURAL GAS LINE	
TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE	
FENCE LINE	OH T	OVERHEAD TELEPHONE LINE	
EDGE OF WOODS, BRUSH OR LANDSCAPING	O	UTILITY POLE	
SANITARY SEWER LINE	O-D	UTILITY POLE WITH LIGHT	
SANITARY SEWER MANHOLE	P	LIGHT POLE	
SANITARY SEWER CLEANOUT		TELEPHONE CONNECTION	
STORM SEWER LINE			
STORM SEWER MANHOLE			
STORM SEWER INLET			



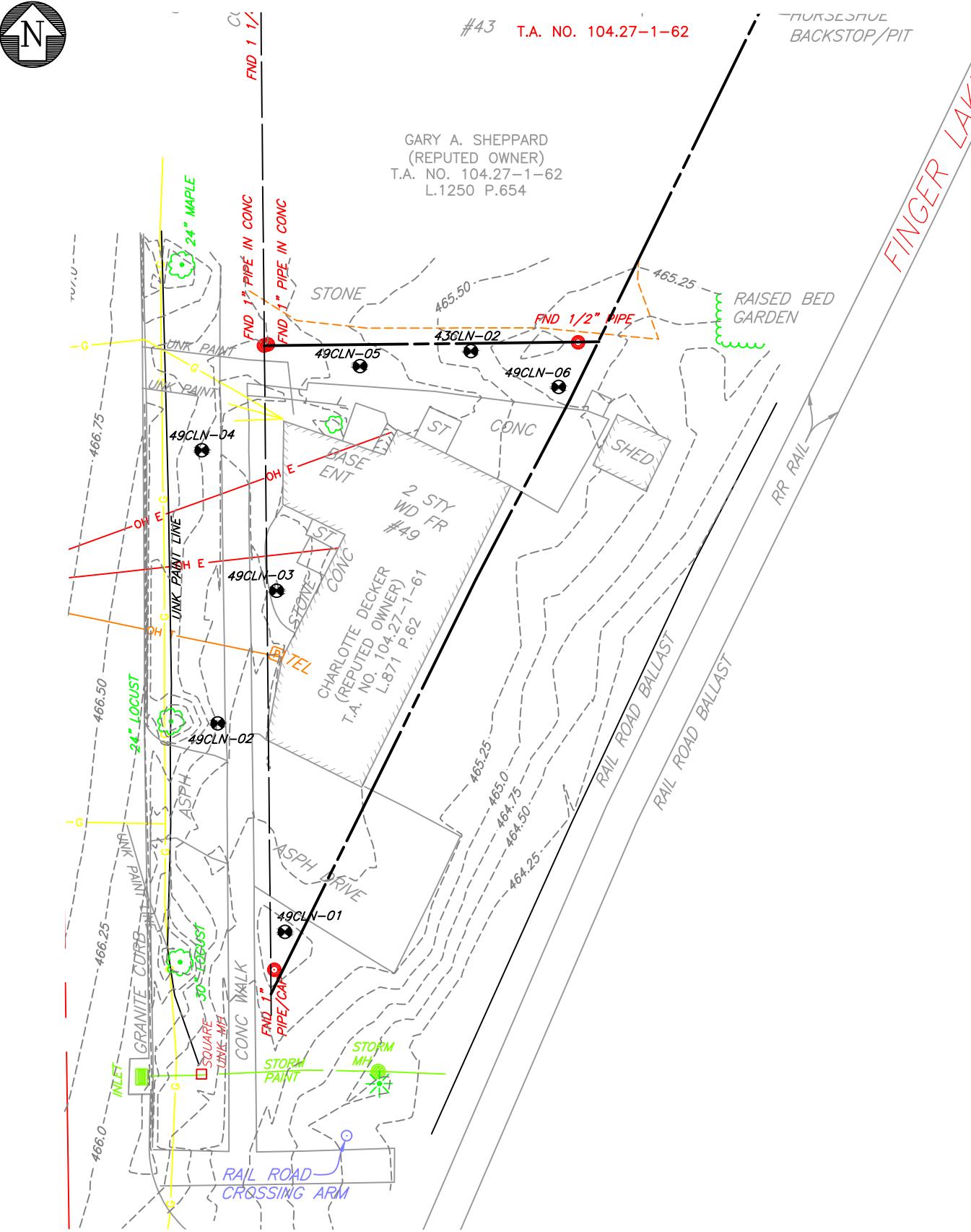
### LEGEND

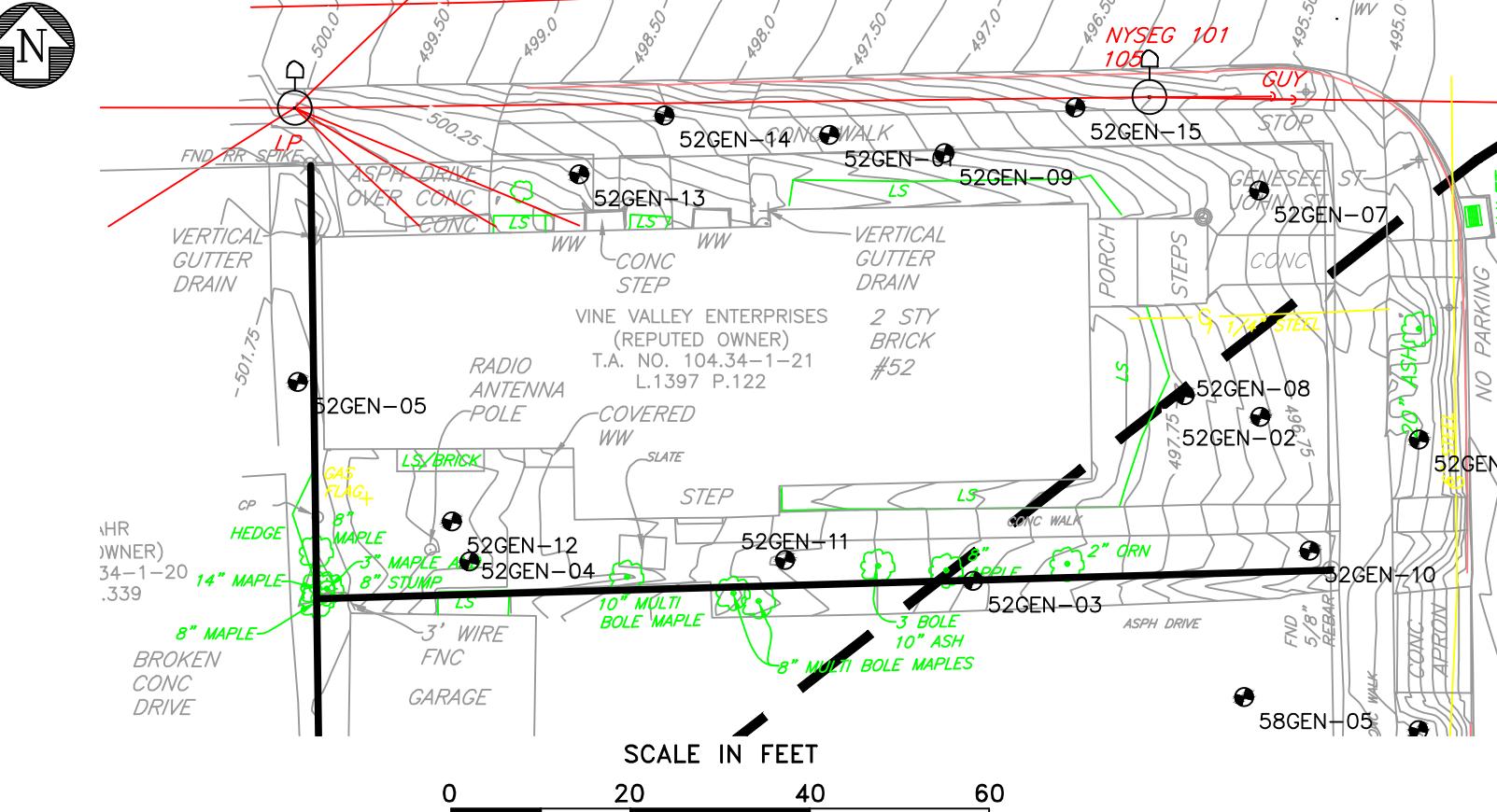
- PROPERTY LINE/LEASE PARCEL LINE
- STREET BOUNDARY
- TAX DIVISION LINE
- BUILDING LINE
- FENCE LINE
- EDGE OF WATER, STREAM OR DITCH
- EDGE OF WOODS, BRUSH OR LANDSCAPING
- S - (S) SANITARY SEWER LINE, MANHOLE & CO
- D - (D) CULVERTS, STORM SEWER, MH & CATCH BASIN
- W - (W) WATER LINE, HYDRANT, VALVE & VAULT
- UG E - (E) ELECTRIC LINE, PULLBOX, METER & MANHOLE
- G - (G) NATURAL GAS LINE, METER, VALVE & LINE MARKER
- OH, OH E, OH T OVERHEAD ELECTRIC, TELEPHONE
- TS TS SIGNAL POLE, PED POLE & PULL BOX/MH
- Utility Pole, Guy, & Light Pole
- BORING LOCATION
- TELEPHONE BOX
- SIGN
- REMEDIAL BOUNDARY LINE

2017/2018 Analytical Results for 41 Clinton Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		41CLN-01		41CLN-02		41CLN-03		41CLN-04	
0	2	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	7.2	324	2.6J	13.2	11.1	727	9.6	508
2	6	8.7	214	3.0J	13.2	11.0	209	11.2	662
6	12	8.6	201	3.3J	8.7	10.4	113	12.0	332
								8.9	495
								9.0	493
								12.7	361

### NOTES

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- DATA VALIDATION BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. ANALYTES FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.





## LEGEND

52GEN-12	SCREENING OR DESIGN SAMPLE		
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	W	WATER LINE
— — — — —	RIGHT-OF-WAY LINE	E	ELECTRIC METER
— — — — —	TAX DIVISION LINE	G	NATURAL GAS LINE
— — — — —	FENCE LINE	OH E	OVERHEAD ELECTRIC
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	OH T	OVERHEAD TELEPHONE
S	SANITARY SEWER LINE	○	UTILITY POLE
(S) SAN MH	SANITARY SEWER MANHOLE	○ · ○	UTILITY POLE WITH L
CO	SANITARY SEWER CLEANOUT	○ · D	LIGHT POLE
ST ST	STORM SEWER LINE	P	TELEPHONE CONNECTION
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		

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SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES

2017 Analytical Results for 52 Genesee St

Results in milligrams per kilogram (mg/kg)

2017 Analytical Results for 52 Genesee Street										
LINE E LINE GHT	Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
			52GEN-01		52GEN-02		52GEN-03		52GEN-04	
			Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
	0	2	23.6J	560	35.6	301	8.0	974	7.4	1180
	2	6	16.9	527	43.7 J	324	8.3	528	10.0	1460
	6	12	16.1	564	11.3	65.3	8.9	433	8.4	617
	12	18	8.1	72.5						
	18	24	8.4	57.5						

2017 Analytical Results for 52 Genes

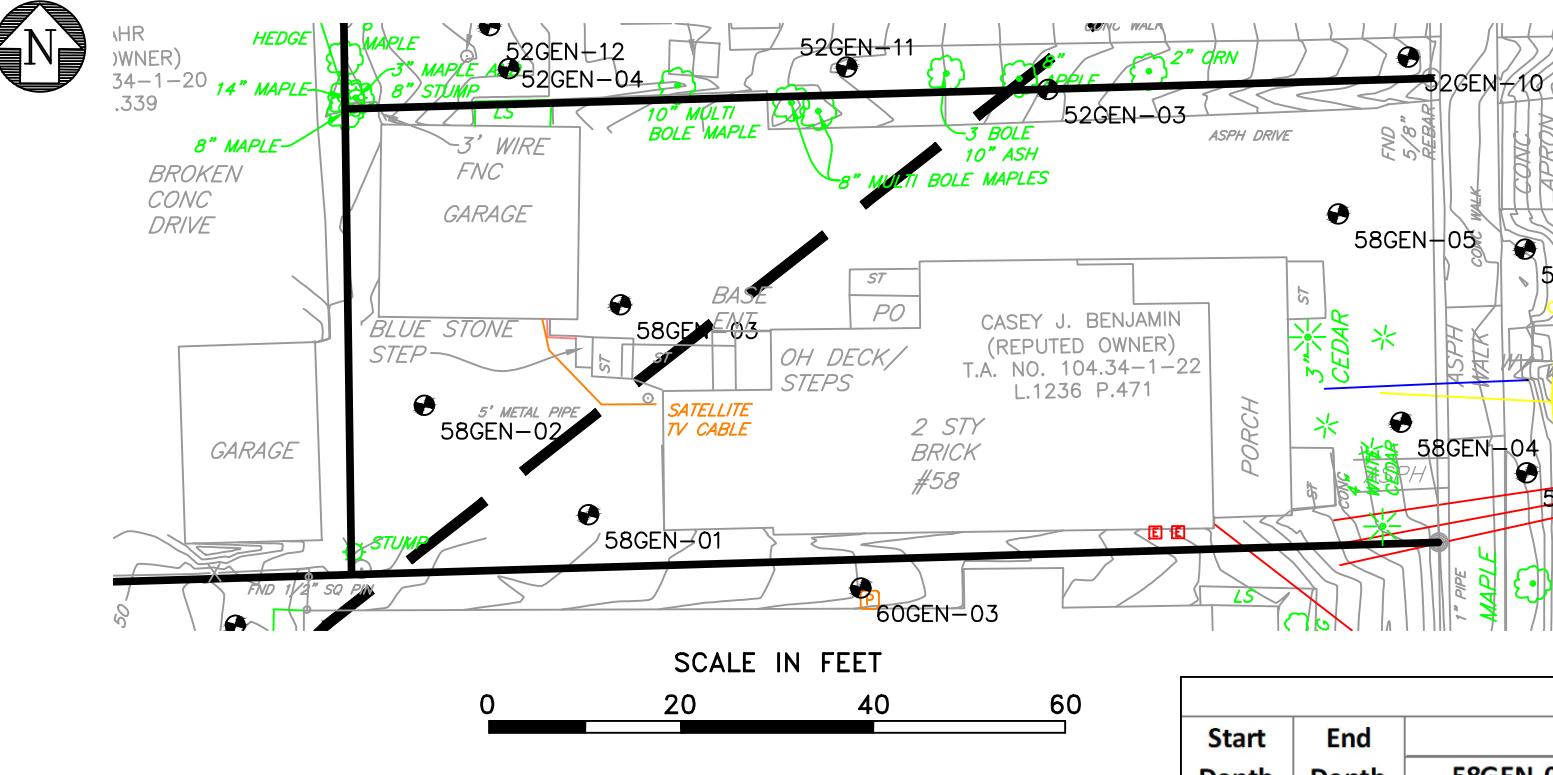
Results in milligrams per kilogram

2017 Analytical Results for 52 Genesee Street																					
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																			
		52GEN-06		52GEN-07		52GEN-08		52GEN-09		52GEN-10		52GEN-11		52GEN-12		52GEN-13		52GEN-14		52GEN-15	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	40.1	407	110	538	32.3	590	31.7	503	29.0	321	6.8	656	8.7	1470	34.1	396	10.7	372	17.7	453
6	12	47.0 J	349 J	110	325	13.4	198	8.1	75.7	13.8	151	5.5	179	7.6	415	7.6	153	6.8	110	11.7	125
12	18	17.2	181	7.7	17.0	3.4	10.9	7.7	48.4	5.9	41.8	3.4	46.3	4.8	222 J	5.7	55.7	7.5	31.4	9.0	118
18	24	5.6	46.8	4.4	8.5	4.8	16.2	5.2	31.2	5.4	21.8	4.2	58.7	4.8	210	5.7	14.8	3.1	11.4	3.1	7.2



Department of
Environmental
Conservation

**ANALYTICAL RESULTS
52 GENESEE STREET
FORMER GENEVA FOUNDRY,
AIR DEPOSITION AREA OU3
GENEVA, ONTARIO COUNTY, NEW YORK**



SCALE IN FEET

0 20 40 60

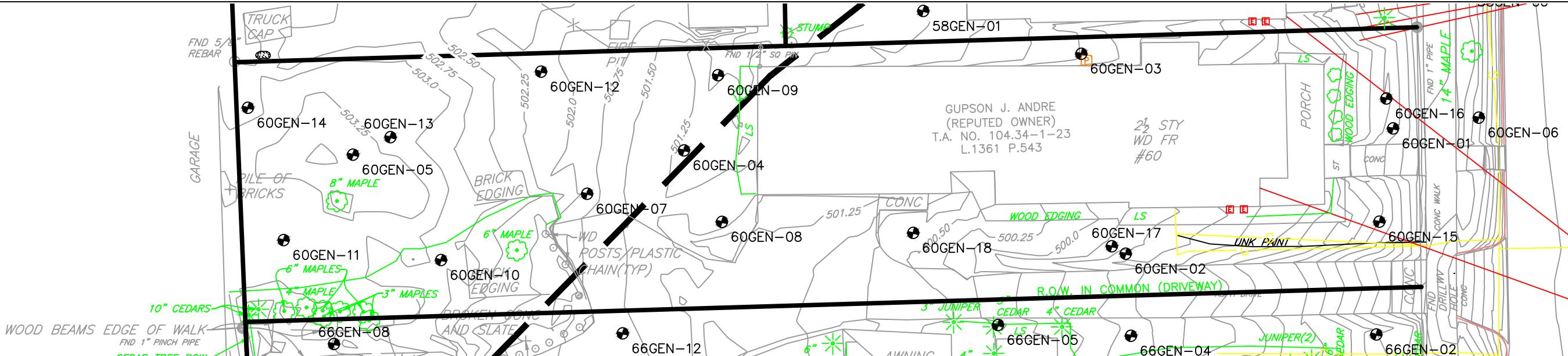
NOTES

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2017 Analytical Results for 58 Genesee Street													
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		58GEN-01		58GEN-02		58GEN-03		58GEN-04		58GEN-05		58GEN-06	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	24.1	551	6.4	176	6.2	143	20.0	544	30.9	700	10.1	301
6	12	33.7	636	7.1	289	15.6	317	13.8	300	23.5	427	9.2	229
12	18	26.4	331	6.1	86.7	9.9	245	7.1	107	4.8	33.7	4.8	96.4
18	24	6.6	75.2	5.5	13.5 J	4.9	39.7	4.8	29.4	5.7	29.5	5.6	63.3
24	30	6.1	32.9	7.3	11.3	4.4	33.6						
30	36	7.6	14.5	5.0	11.5	6.5	17.9						
36	42	5.4	18.9	4.6	8.3	5.3	11.4						
42	48	4.3	9.7	4.7	9.6	3.8	7.9						

LEGEND

58GEN-02	● SCREENING OR DESIGN SAMPLE	W	WATER LINE
—	PROPERTY LINE/LEASE PARCEL LINE	E	ELECTRIC METER
— — —	RIGHT-OF-WAY LINE	G	NATURAL GAS LINE
— — —	TAX DIVISION LINE	OH E	OVERHEAD ELECTRIC LINE
— — —	FENCE LINE	OH T	OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	UTILITY POLE
— S —	SANITARY SEWER LINE	○ D	UTILITY POLE WITH LIGHT
( SAN MH	SANITARY SEWER MANHOLE	○ D	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
— ST — ST	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		



### LEGEND

60GEN-02	● SCREENING OR DESIGN SAMPLE
—	PROPERTY LINE/LEASE PARCEL LINE
— — —	RIGHT-OF-WAY LINE
— — — —	TAX DIVISION LINE
— — — — —	FENCE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING
— S —	SANITARY SEWER LINE
(SAN MH	SANITARY SEWER MANHOLE
○ CO	SANITARY SEWER CLEANOUT
— ST — ST	STORM SEWER LINE
(SAN MH	STORM SEWER MANHOLE
■ ■	STORM SEWER INLET
— W —	WATER LINE
E	ELECTRIC METER
— G —	NATURAL GAS LINE
— OH E —	OVERHEAD ELECTRIC LINE
— OH T —	OVERHEAD TELEPHONE LINE
○ U ○	UTILITY POLE
○ U ○ L	UTILITY POLE WITH LIGHT
○ L ○ D	LIGHT POLE
P	TELEPHONE CONNECTION

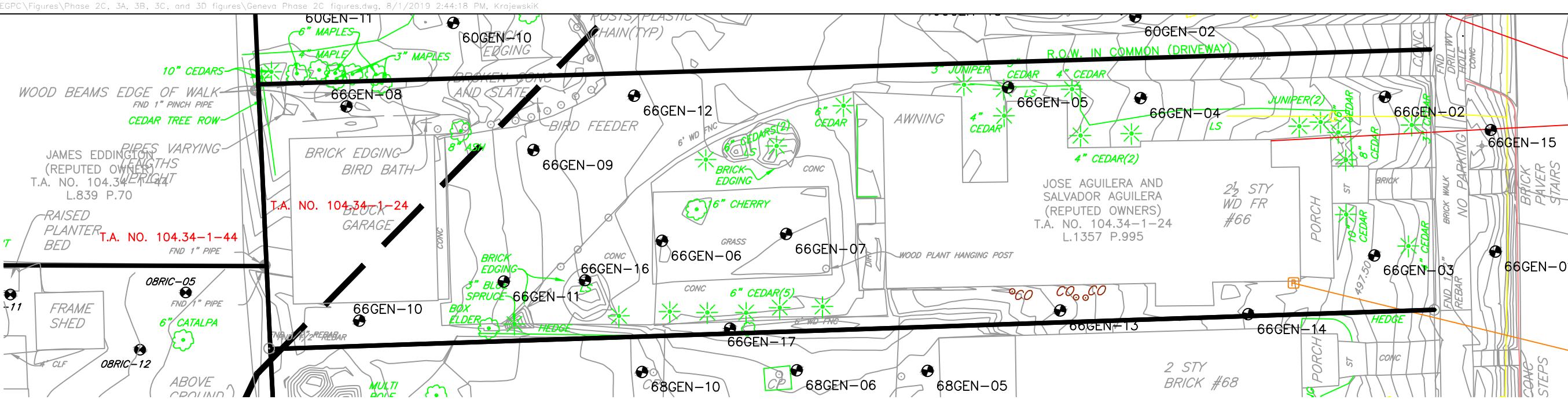
Analytical Results for 60 Genesee Street											
Results in milligrams per kilogram (mg/kg)											
Start Depth (inches)	End Depth (inches)	60GEN-01		60GEN-02		60GEN-03		60GEN-04		60GEN-05	
		Arsenic	Lead								
0	2	15.8	305J	10.1	493	12.0	694	9.4	758	12.4	281
2	6	30.1	367	11.7	584	9.4	473	11.7	372	30.6	333
6	12	N/A	N/A	14.6	632	10.1	290	13.1	401	23.0	166

2017 Analytical Results for 60 Genesee Street															
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)													
		60GEN-06		60GEN-07		60GEN-08		60GEN-09		60GEN-10		60GEN-11		60GEN-12	
0	6	12.2	214	9.4	179	10.7	104	18.5	209	9.5	235	16.6	721	12.8	217
6	12	7.6	80.3J	13.4	134	10.0	98.9	19.6	191	40.4	692	13.9	1010	20.3	193
12	18	5.7	30.7	6.3	32.4	5.3	23.0	7.9	39.6	9.1	94.5	16.7	536	6.7	74.5
18	24	4.4	12.2	4.1	8.0	5.5	12.3	5.2	11.8	9.7	29.9	11.3	202J	6.0	15.5
24	30											8.0	38.5		
30	36											7.6	21.4		
36	42											8.3	16.4		

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)											
		60GEN-13		60GEN-14		60GEN-15		60GEN-16		60GEN-17		60GEN-18	
0	6	6.7	113	19.8	283	15.2	188	34.8	319	8.0	189	3.4	5.4
6	12	11.5	39900	10.1	176	17.2	207	28.1	203	12.1	128	11.4	99.7
12	18	4.4	50.9	5.8	39.9	7.0	92.4	7.3	67.3	6.7	220	3.9	16.1
18	24	3.8	14.1	5.1	9.1	4.8	45.1	3.2	13.7	5.4	37.1	5.6	10.9

NOTES

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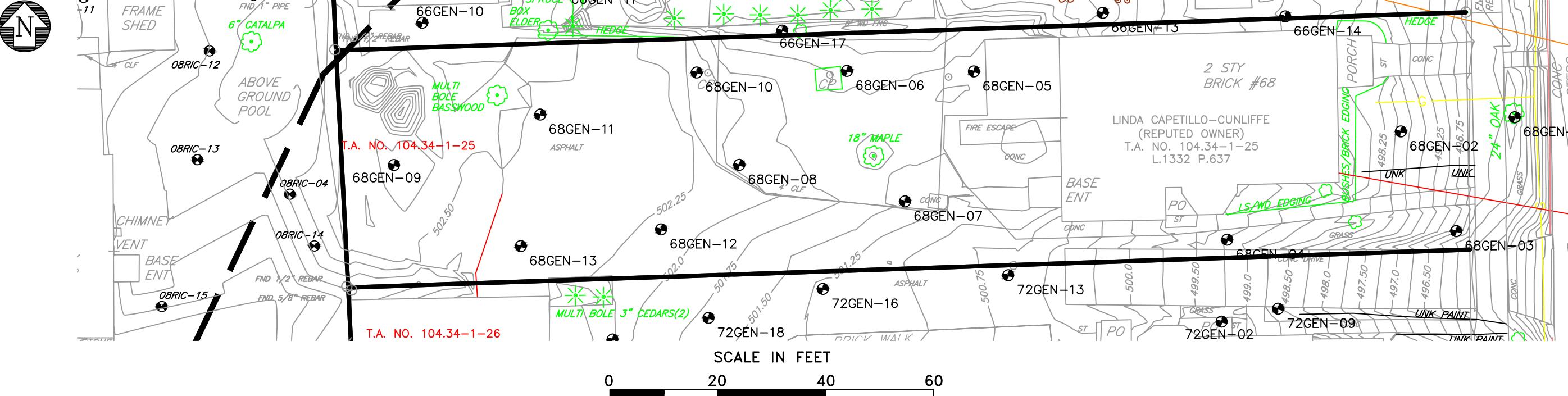


2017/2018 Analytical Results for 66 Genesee Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)													
		66GEN-01		66GEN-02		66GEN-03		66GEN-04		66GEN-05		66GEN-06		66GEN-07	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	9.1	144	19.5	211	27.0	387	20.8	336	12.6	199	3.2	18.8	2.7	10.4
6	12	7.2	139	10.8	104	13.9	160	10.7	137	12.2	199	3.0	19.6	3.3	10.0
12	18	4.2	91.8	3.4	22.1	4.2	93.8	14.6	205 J	6.2	110	3.3	26.9	2.0	3.9
18	24	6.5	18.2	3.8	12.7	12.2	42.4	8.3	405	5.4	37.0	2.6	9.6	2.1	4.3
24	30														8.6
30	36														15.5
36	42														3.9
															6.9
															5.3
															9.9

2017/2018 Analytical Results for 66 Genesee Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		66GEN-09		66GEN-10		66GEN-11		66GEN-12		66GEN-13		66GEN-14		66GEN-15		66GEN-16	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	1.7	14.1	7.2	386	5.5	79.7	4.5	30.5	36.1	787	7.2	2080	61.5	491	2.6	12.2
6	12	7.0	161	4.2	230	6.4	65.8	3.6	21.8	16.1	271	6.7	261	47.8	322	3.2	27.9
12	18	5.6	16.0	3.8	16.3	18.2	187	5.9	12.8	5.6	160	4.6	138	20.5	246	11.0	184
18	24	5.7	9.6	4.1	9.2	23.0	151 J	4.8	7.8	4.3	36.8	4.7	117	10.9	151		7.7
24	30							7.2	12.9								52.3
30	36							9.8	15.7 J								
36	42							5.5	7.2								



2017 Analytical Results for 68 Genesee Street

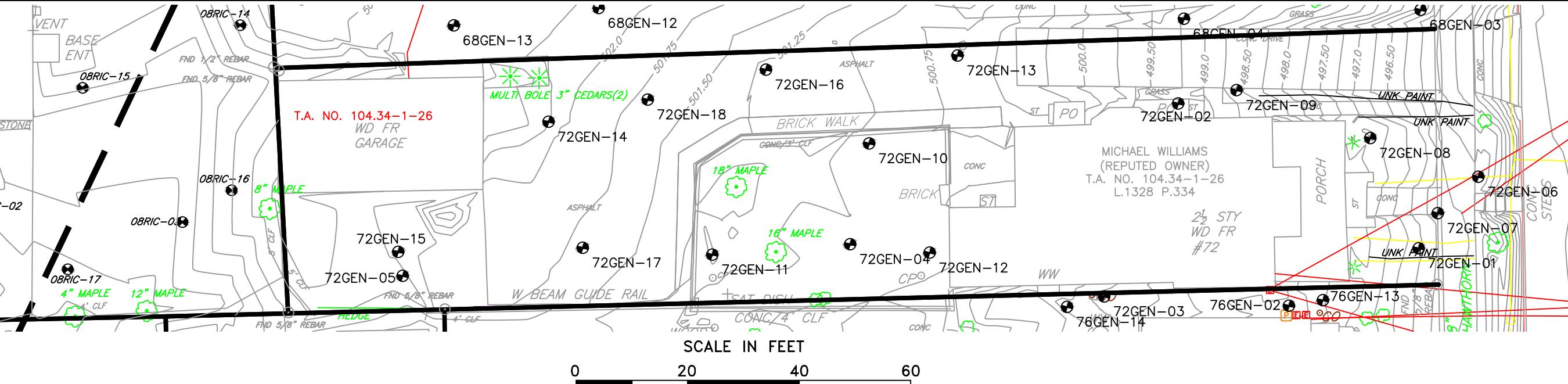
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																											
		68GEN-01		68GEN-02		68GEN-03		68GEN-04		68GEN-05		68GEN-06		68GEN-07		68GEN-08		68GEN-09		68GEN-10		68GEN-11		68GEN-12		68GEN-13			
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	16.9	336	16.5	779	12.0	176	25.2	844	5.7	157	6.3	274	8.1	255	7.9	153	2.0J	47.4	4.1	194	4.5	192	2.5J	14.6	7.3	136		
6	12	26.3	321	12.6	503	4.1	27.1	13.5	388	11.2	365	10.2	177	11.8	1710J	45.2	270	2.8J	65.0	6.0	70.8	13.8	365	12.8	209	54.3	573		
12	18	13.6	202	4.8	234	4.4	22.9	6.6	177	19.0	369	20.4	513	2.0J	54.8	7.0	121	4.9	23.5	25.2	318	5.6	177	18.5	376J	3.6	118		
18	24	5.0	22.2	4.3	118	2.7	13.6	6.6	57.5	4.7	167	6.1	109	4.0	25.8	4.7	32.0	4.0	54.8	5.8	55.9	5.0	66.9	5.0	42.7	5.1	17.7		
24	30											7.6J	17.1J								7.0	17.3							
30	36											9.7	35.6									7.5	19.0						
36	42											9.2	44.2									7.6	12.0						

LEGEND

- 68GEN-02 ● SCREENING OR DESIGN SAMPLE
- PROPERTY LINE/LEASE PARCEL LINE
- — — RIGHT-OF-WAY LINE
- — — TAX DIVISION LINE
- — — FENCE LINE
- ~~~~~ EDGE OF WOODS, BRUSH OR LANDSCAPING
- S SANITARY SEWER LINE
- SAN MH SANITARY SEWER MANHOLE
- CO SANITARY SEWER CLEANOUT
- ST STORM SEWER LINE
- STORM SEWER MANHOLE
- STORM SEWER INLET
- W WATER LINE
- E ELECTRIC METER
- G NATURAL GAS LINE
- OH E OVERHEAD ELECTRIC LINE
- OH T OVERHEAD TELEPHONE LINE
- UTILITY POLE
- D UTILITY POLE WITH LIGHT
- L LIGHT POLE
- P TELEPHONE CONNECTION

NOTES

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2017 Analytical Results for 72 Genesee Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																72GEN-01		72GEN-02		72GEN-03		72GEN-04		72GEN-05		
		72GEN-06		72GEN-07		72GEN-08		72GEN-09		72GEN-10		72GEN-11		72GEN-12		72GEN-13		72GEN-14		72GEN-15		72GEN-16		72GEN-17		72GEN-18		
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	
0	6	33.8	609	19.7	647	8.0	1590	11.8	2640	15.4	327	14.2	333	16.9	1590	23.6	297	19.3	201	8.1	970	4.1	64.2	6.1	149	5.3	56.5	
6	12	17.8	328	8.0	337	5.4	505	4.4	200	10.0	208	11.5	181	10.9	771	6.6	58.0	8.1	437	8.0	274	11.3	192	12.8	439	12.6	216	
12	18	6.8	149	4.8	87.6	2.8J	40.6	4.4	72.6	6.5	141	4.5	38.3	8.7	522	7.4	75.1J	4.6	36.3	6.6	127	5.6	18.5	7.7	130	3.0J	105	
18	24	4.4	29.4	3.9	11.4	3.7	57.3	4.2	38.4	4.6	36.0	6.7	25.4	5.8	166	7.4	19.3	5.5	19.0	5.3	33.5	4.6	12.5	6.0	66.5	3.6J	13.9	
24	30																											
30	36																											
36	42																											

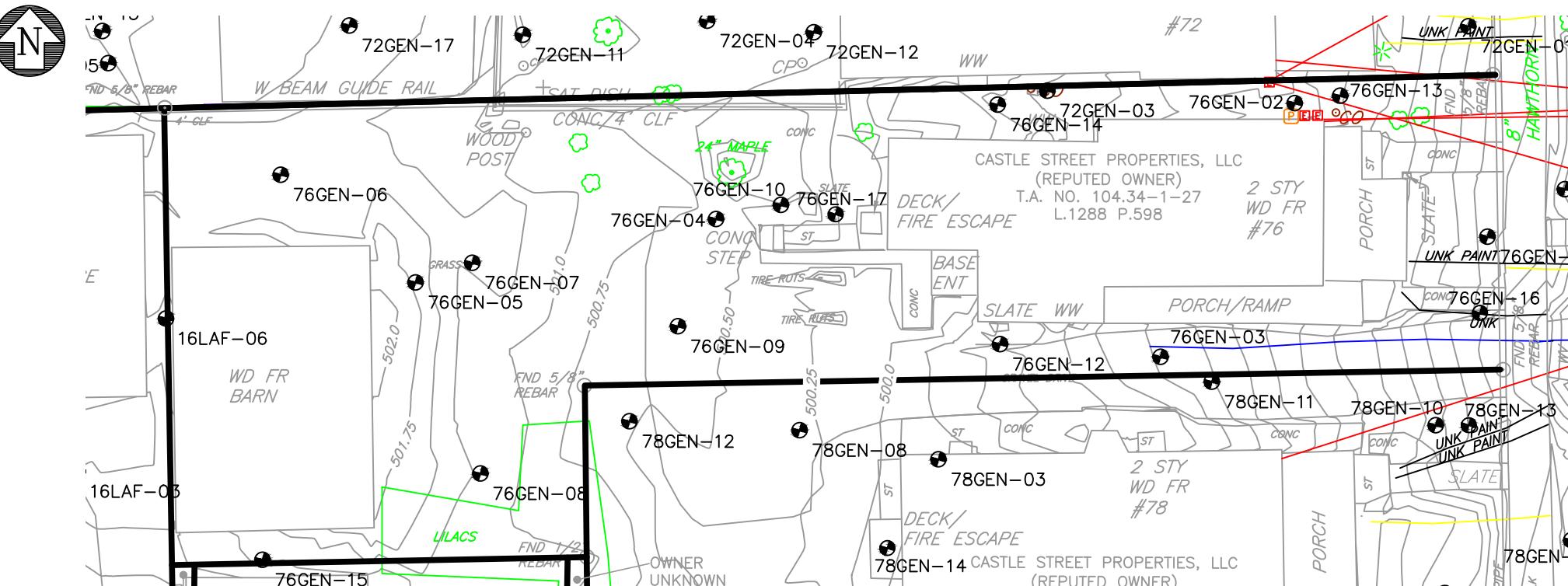
LEGEND

72GEN-02	● SCREENING OR DESIGN SAMPLE	W	— WATER LINE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE	E	— ELECTRIC METER
— — — — —	RIGHT-OF-WAY LINE	G	— NATURAL GAS LINE
— — — — —	TAX DIVISION LINE	OH E	— OVERHEAD ELECTRIC LINE
— — — — —	FENCE LINE	OH T	— OVERHEAD TELEPHONE LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	○	○ UTILITY POLE
— s —	SANITARY SEWER LINE	○ □	○ UTILITY POLE WITH LIGHT
○ SAN MH	SANITARY SEWER MANHOLE	○ D	○ LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	— TELEPHONE CONNECTION
— ST — ST	STORM SEWER LINE		
○ SMH	STORM SEWER MANHOLE		
— ■ —	STORM SEWER INLET		

2017 Analytical Results for 72 Genesee Street											
		Results in milligrams per kilogram (mg/kg)									
Start Depth (inches)	End Depth (inches)	72GEN-01		72GEN-02		72GEN-03		72GEN-04		72GEN-05	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	64.4	868	16.1	2860	14.3	6800	34.3	349	9.7	1160
2	6	72.9	847	40.3	4080	29.4	2960	42.8	383	20.3	991
6	12	19.3	182	18.1	1240	11.2	847	45.1	257	32.9	1970
12	18							8.3	138		
18	24							6.8	50.5		

#### NOTES

1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.
2. BASE MAP SURVEY BY FISHER ASSOCIATES.
3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
4. DATA VALIDATION BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C. ANALYTICS FLAGGED "J" WERE POSITIVELY IDENTIFIED AND THE ASSOCIATED VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE. SHADED VALUES IN TABLES EXCEED SOIL CLEANUP OBJECTIVES.



## LEGEND

76GEN-02	SCREENING OR DESIGN SAMPLE
— — — — —	PROPERTY LINE/LEASE PARCEL LINE
— — — — —	RIGHT-OF-WAY LINE
X — — — —	TAX DIVISION LINE
X — — — —	FENCE LINE
-s — — — s — — —	EDGE OF WOODS, BRUSH OR LANDSCAPING
SAN MH(S)	SANITARY SEWER LINE
°CO	SANITARY SEWER MANHOLE
ST — ST — ST —	SANITARY SEWER CLEANOUT
ST — ST — ST —	STORM SEWER LINE
● ●	STORM SEWER MANHOLE
■ ■	STORM SEWER INLET
W — — — — —	WATER LINE
E — — — — —	ELECTRIC METER
G — — — — —	NATURAL GAS LINE
OH E — — — — —	OVERHEAD ELECTRIC LINE
OH T — — — — —	OVERHEAD TELEPHONE LINE
○ ○	UTILITY POLE
○ ○ □	UTILITY POLE WITH LIGHT
○ ○ ▷	LIGHT POLE
P	TELEPHONE CONNECTION

## NOTES

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2017 Analytical Results for 76 Genes

### **Results in milligrams per kilogram**

2017/2018 Analytical Results for 76 Genes

**Results in milligrams per kilogram**

Start Depth inches)	End Depth inches)	2017/2018 Analytical Results for 76 Genesee Street																							
		Results in milligrams per kilogram (mg/kg)																							
		76GEN-06		76GEN-07		76GEN-08		76GEN-09		76GEN-10		76GEN-11		76GEN-12		76GEN-13		76GEN-14		76GEN-15		76GEN-16		76GEN-17	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6	15.6	1030	34.6	1080	29.2	1580	10.6	217	36.8	1460	17.1	502	49.2	2590	35.3	12800	24.3	4140	9.7	3090	8.0	410		
6	12	14.1	1680	16.3	512	21.1	1090	23.9	306	25.5	785	8.8	246	16.3	184	7.5	817	18.2	858	13.1	865	13.5	345	13.1	458
12	18	5.5	195	6.2	310	24.4	1040	8.5	79.4	13.1	407	11.2	336	5.2	92.9	8.7	1660	18.1	946	7.2	119	9.7	264	5.6	51.8
18	24	5.7	67.7 J	5.0	182	16.6	1010	6.0	41.5	8.2	833	3.3 J	9.6	5.3	59.7 J	4.3	466	8.3	719	5.9	154	5.4	66.6		
24	30					14.2 J	373			7.5	177	3.9	6.7			10.1	37.6	10.0	379						
30	36					13.4	145			7.0	204	3.8	5.6			7.8	15.9	8.2	245						
36	42					15.1	346			7.5	49.3	4.0	6.8			4.3	10.2	4.1	72.9						
42	48									5.8	28.9					4.5	9.6	5.5	8.4						



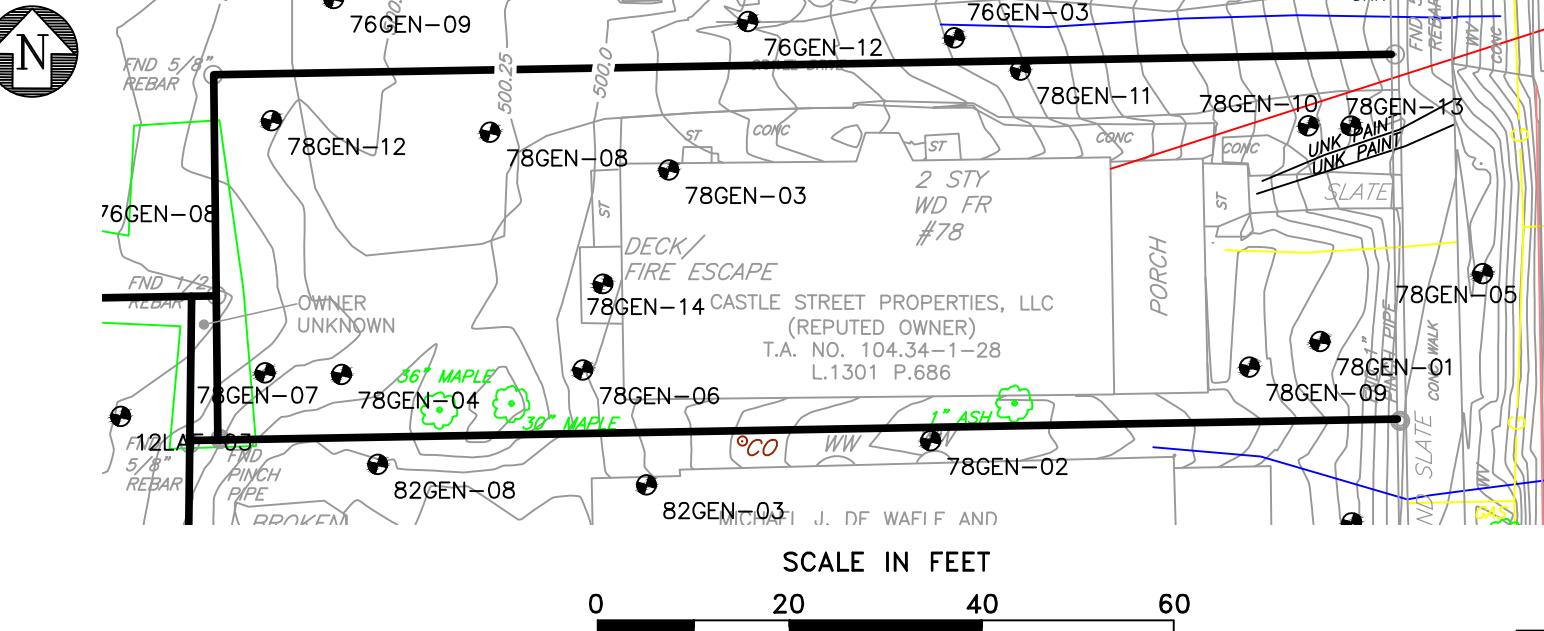
Department of  
Environmental  
Conservation

## ANALYTICAL RESULT

**76 GENESEE STREET  
FORMER GENEVA FOUNDRY**

**FORMER GENEVA FOUNDRY  
AIR DEPOSITION AREA Q13**

AIR DEPOSITION AREA 003  
GENEVA, ONTARIO COUNTY, NEW YORK



1. FIGURE PREPARED BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.
  2. BASE MAP SURVEY BY FISHER ASSOCIATES.
  3. ANALYTICAL RESULTS PROVIDED BY TESTAMERICA LABORATORIES, INC.
  4. DATA VALIDATION BY ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.  
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VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE  
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LE

78GEN-02	SCREENING OR DESIGN SAMPLE		
_____	PROPERTY LINE/LEASE PARCEL LINE	W	WATER LINE
_____	RIGHT-OF-WAY LINE	E	ELECTRIC METER
_____	TAX DIVISION LINE	G	NATURAL GAS LINE
_____	FENCE LINE	OH E	OVERHEAD ELECTRIC LINE
~~~~~	EDGE OF WOODS, BRUSH OR LANDSCAPING	OH T	OVERHEAD TELEPHONE LINE
—S—	SANITARY SEWER LINE	O	UTILITY POLE
(S) SAN MH	SANITARY SEWER MANHOLE	O—□	UTILITY POLE WITH LIGHT
©CO	SANITARY SEWER CLEANOUT	•—D	LIGHT POLE
—ST—	STORM SEWER LINE	□	TELEPHONE CONNECTION
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		

17 Analytical Results for 78 Genesee Street

2017 Analytical Results for 78 Genesee Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		78GEN-01		78GEN-02		78GEN-03		78GEN-04	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	2	22.0	558	11.6	4050	9.9	3070	12.7	795
2	6	18.7	411	21.8	3450	9.6	621	14.1	795
6	12	6.9	100	11.4	850	11.4	610	14.5	803
12	18			8.5	795	14.3	603		
18	24			6.3	392	22.4	610		
24	30								
30	36					6.6	251		

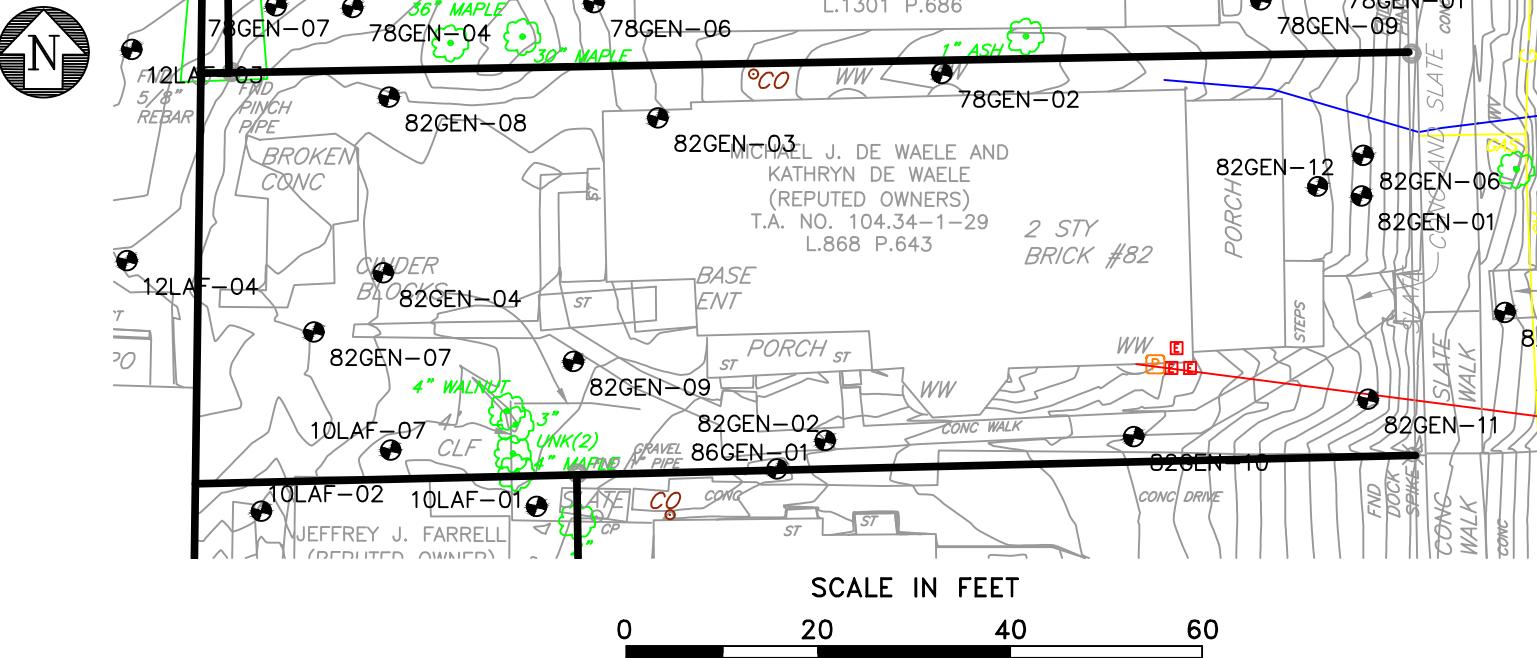
2017/2018 Analytical Results for 78 Genes

Start Depth inches	End Depth inches	Results in milligrams per kilogram (mg/kg)																							
		78GEN-02B		78GEN-03B		78GEN-05		78GEN-06		78GEN-07		78GEN-08		78GEN-09		78GEN-10		78GEN-11		78GEN-12		78GEN-13		78GEN-14	
		Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead		
0	6					23.0	528	8.6	1220	7.1	141	43.0	580	16.0	2380	13.5	227	4.3	99.1	12.3	656	9.7	275		
6	12					13.3	169	10.9	674	5.5	61.2	9.5	1210	8.4	486	9.0	249	7.2	348	11.4	972	14.8	416	20.0	1080
12	18	8.5	795	14.3	603	3.1	21.1	5.8	285	3.8	12.7	4.9	192	6.3	215	6.4	120J	5.5	372	6.9	187	11.0	464	41.8	1100
18	24	6.3	392	22.4	610	2.5 J	10.8	4.2	46.9	4.3	18.6	4.4	72.8	4.8	89.6	10.4	649	4.6	67.5	5.7	58.1	5.0	138		
24	30																	4.8	50.6 J						
30	36					6.6	251											5.5	45.0						



Department of
Environmental
Conservation

**ANALYTICAL RESULTS
78 GENESEE STREET
FORMER GENEVA FOUNDRY,
AIR DEPOSITION AREA 0U3
GENEVA, ONTARIO COUNTY, NEW YORK**



NOTES

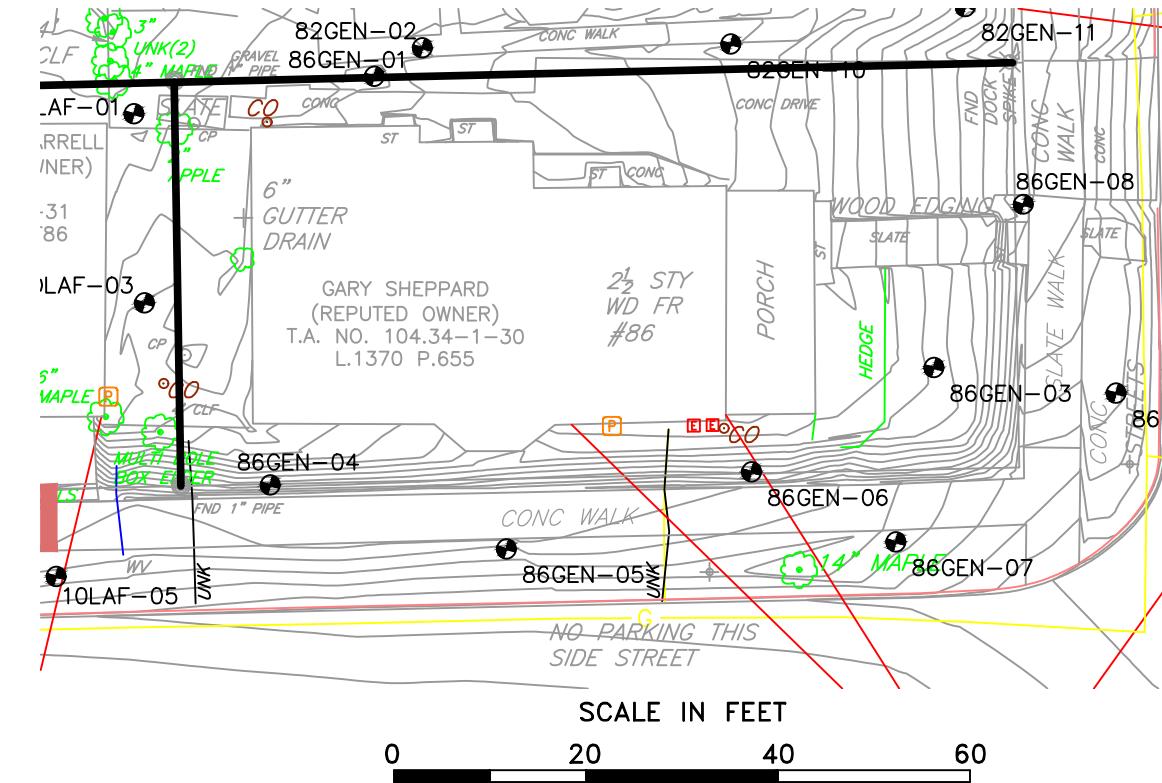
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LEGEND

82GEN-02	● SCREENING OR DESIGN SAMPLE	— W —	WATER LINE
— PROPERTY LINE/LEASE PARCEL LINE		— E —	ELECTRIC METER
— RIGHT-OF-WAY LINE		— G —	NATURAL GAS LINE
— TAX DIVISION LINE		— OH E —	OVERHEAD ELECTRIC LINE
— FENCE LINE		— OH T —	OVERHEAD TELEPHONE LINE
— EDGE OF WOODS, BRUSH OR LANDSCAPING		○	UTILITY POLE
— SANITARY SEWER LINE		○ D	UTILITY POLE WITH LIGHT
⑤ SAN MH	SANITARY SEWER MANHOLE	○ — D —	LIGHT POLE
○ CO	SANITARY SEWER CLEANOUT	P	TELEPHONE CONNECTION
— ST — ST —	STORM SEWER LINE		
●	STORM SEWER MANHOLE		
■	STORM SEWER INLET		

2017 Analytical Results for 82 Genesee Street									
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)							
		82GEN-01		82GEN-02		82GEN-03		82GEN-04	
0	2	Arsenic	18.6	Lead	1480	Arsenic	15.5	Lead	8260
2	6	Arsenic	30.8	Lead	1160	Arsenic	28.6	Lead	3300
6	12	Arsenic	N/A	Lead	N/A	Arsenic	8.1	Lead	344
12	18	Arsenic		Lead		Arsenic	10.4	Lead	404
18	24	Arsenic		Lead		Arsenic		Lead	

2017 Analytical Results for 82 Genesee Street																			
Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)																	
		82GEN-04B		82GEN-05		82GEN-06		82GEN-07		82GEN-08		82GEN-09		82GEN-10		82GEN-11		82GEN-12	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6																		
6	12																		
12	18	10.6	377 J	20.5	537	19.5	779	16.2	531	17.3	491	22.9	918	24.6	1220	16.7	928	10.3	2750
18	24	7.4	263	15.0	298	9.5	361	13.9	382	15.3	623	18.8	600	12.0	400	11.4	517		



2017/2018 Analytical Results for 86 Genesee Street

Start Depth (inches)	End Depth (inches)	Results in milligrams per kilogram (mg/kg)															
		86GEN-01		86GEN-02		86GEN-03		86GEN-04		86GEN-05		86GEN-06		86GEN-07		86GEN-08	
Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead	Arsenic	Lead
0	6	22.8	975	19.0	308	15.0	606	38.7	588	6.9	129 J	32.8	907	10.2	193	15.5	512
6	12	10.6	543	10	142	8.9	300	22.4	250	7.9	259	11.5	203	5.8	82.9	13.2	341
12	18	11.2	564	6.1	25.5	4.2	93.8	5.2	35.8	6.3	139	5.8	118	2.7 J	9.9	7.1	137
18	24	8.9	57.1	5.3	26.3	4.1	38.6	4.3	26.4	4.7	66.4	4.3	53.0	2.7 J	8.1	4.6	50.0

LEGEND

- 86GEN-02 ● SCREENING OR DESIGN SAMPLE
- PROPERTY LINE/LEASE PARCEL LINE
- — — RIGHT-OF-WAY LINE
- — — TAX DIVISION LINE
- — — FENCE LINE
- — — EDGE OF WOODS, BRUSH OR LANDSCAPING
- SAN MH SANITARY SEWER MANHOLE
- CO SANITARY SEWER CLEANOUT
- ST STORM SEWER LINE
- STORM SEWER MANHOLE
- STORM SEWER INLET

- W WATER LINE
- E ELECTRIC METER
- G NATURAL GAS LINE
- OH E OVERHEAD ELECTRIC LINE
- OH T OVERHEAD TELEPHONE LINE
- UTILITY POLE
- — □ UTILITY POLE WITH LIGHT
- — D LIGHT POLE
- P TELEPHONE CONNECTION

NOTES

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