

Sampling and Analysis Plan

Former Elmont Welding

546 Hempstead Turnpike

Elmont

Nassau County

New York

NYSDEC Site No. E130150



Prepared by
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015

March 2015

Table of Content

Sections	Page Number
1.0 Introduction.....	1
2.0 Site Setting.....	1
2.1 Physical Setting	
2.2 Environmental Assessment	
2.3 Selected Remedial Action	
2.4 Site Personnel	
3.0 Sampling Plan.....	3
3.1 Utility Mark-outs and Off-site Access	
3.2 Collection of Samples	
3.3 Decontamination procedure	
3.4 Analysis of Samples	
3.5 Waste Characterization Sampling	
3.6 Schedule	
4.0 Reporting.....	7
4.1 Data Validation and Electronic Data Deliverables	
4.2 Tabulation and Report of Results and Conclusion	

Figures

Figure 1 – Site Location Plan

Figure 2 – Shallow Subsurface Soil Results

Figure 3 – Deep Subsurface Soil Results

Figure 4 – Site Survey with Grid Lines depicting Sampling Locations

Appendix A: HASP

1.0 Introduction

New York State Department of Environmental Conservation (NYSDEC) has developed this work plan to complete the pre-design investigatory work at the Former Elmont Welding Site located at 546 Hempstead Turnpike, Elmont, Nassau County, NY (referred to herein as the site). The 0.350 acre lot was a welding shop for approximately 30 years and an auto repair garage previous to that. A site investigation determined that the site's soils have been impacted by the activities that occurred on the property. Based on the results of the investigation the Town of Hempstead applied to the Department's Environmental Restoration Program (ERP) for remedial program funding. The Town of Hempstead entered into an Environmental Restoration Program with the NYSDEC in 2015 for this site.

2.0 Site Setting

2.1 Physical Setting

Location: The Former Elmont Welding Site is located in a suburban area at 546 Hempstead Turnpike, in Elmont, NY. The 0.35-acre site consists of the now-demolished former welding shop and the adjoining vacant lot to the west of the welding shop. The site is bounded by Louis Avenue to the west, Makofske Avenue to the east and Hempstead Turnpike to the south. The site is shown in Figure 1.

Site Features: The site is currently vacant and fenced-in. Site surface is sloped from southeast to the northwest. A timber retaining wall is located along Louis Avenue and a combination of stone and timber retaining walls exist along the eastern part of the property. Site features are shown on Figure 2.

Current Zoning: The site is zoned for commercial use. The surrounding parcels are currently zoned for a combination of commercial and residential buildings.

Past Use of the Site: The Former Elmont Welding property was originally used as an automobile garage as early as 1925. Past use of the building included an auto repair shop in the 1950s and 1960s. From the 1970s to 2006, the site was used as a welding shop, and the adjacent lot was used as a parking area for construction equipment. The site is currently inactive.

Site Geology and Hydrogeology: The soil consists mainly of sand. The depth to water is 30 to 40 feet below ground surface depending on the site topography. Groundwater flow direction is towards the south.

2.2 Environmental Assessment

A Phase I Environmental Site Assessment was performed in 2000. A limited soil investigation was performed in 2002. The Department conducted a preliminary investigation of the property with the USEPA Targeted Site Assessment grant funding in 2006.

Based upon investigations conducted to date, the primary contaminants of concern for OU1 include benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, and benz(a)anthracene, which are known as polycyclic aromatic hydrocarbons (PAHs) and two metals identified as cadmium and lead.

Soil - PAHs are found at higher concentrations in the shallow soils compared to deeper soils on-site. They were found primarily in the former parking lot adjacent to the welding shop. Three out of ten samples collected on-site exceeded the restricted residential SCOs for PAHs. Metals were also generally detected at concentrations slightly exceeding the SCOs in shallower soils at the welding shop. The results of the soil sampling event can be seen in Figures 3 and 4.

Groundwater - No site-related contaminants were found in the groundwater. PAHs that were found in the soils were not detected in the groundwater. The analysis of unfiltered groundwater samples showed detections of metals. However, the results from the filtered groundwater samples showed that most of the metal detections found in the unfiltered groundwater samples are a result of the presence of metals in the suspended solids.

2.3 Selected Remedial Action

According to the Record of Decision (ROD), based on the results of the Site Investigation Report and the criteria identified for evaluation of alternatives, the NYSDEC selected excavation and off-site disposal of contaminated soil as the selected remedial action.

The primary components of the remedy are as follows:

- Excavation of up to two feet of surface soils that exceed restricted residential soil clean up objectives (SCO) will occur at the site. The excavated soil will be disposed at a permitted facility.
- Post excavation samples will be collected to document remaining concentrations at the site.
- Backfill consisting of soil that meets NYSDEC subpart 375-6.8(b) for restricted residential SCO will be placed at the site to restore site grades.
- Where site contamination remains above restricted residential SCO, a demarcation layer and a minimum of two feet of backfill material will be placed above the contamination.

2.4 Site Personnel

Project Manager - Brian Jankauskas, P.E. will be responsible for the overall management of the pre-design investigation.

Call-out laboratory – Test America

3.0 Sampling Plan

The purpose of this sampling event is to provide a baseline for the design of the excavation plan of the site.

The scope of work for this plan includes:

- Collection of Samples
- GPS locating of samples
- Labeling and shipment of samples
- Analysis of Samples by a Laboratory

3.1 Utility Mark-outs and Off-site Access

Prior to mobilization, the necessary permits shall be obtained, utilities shall be marked out and property owners shall be contacted. A utility mark-out verification reference number for the site will be obtained. Proposed explorations shall be located a safe distance from utility mark-outs. Hand clearing each location, via hand auger, will be considered based on utility mark-outs.

3.2 Collection of Samples

The Site will be divided into a grid as shown in Figure 5. In general, samples will be collected for every 30 ft by 30 ft grid. Utilizing a hand auger a hole will be drilled in the center of the grid or in the location that the sampler determines to be the best representative of the grid. A sample will be collected from each of the sample intervals indicated on Table 1. Once the sample is collected, a wooden stake will be placed in the sample location and labeled with the sample ID number. The location of the stake will be recorded with a hand held GPS device for mapping purposes. The stake will remain in place until confirmatory results are received from the lab.

The samples will be collected by the technician wearing disposable, nitrile gloves. Soil samples will be described according to the DER-10 guidance.

The following outlines the soil sampling procedures that will be employed to collect the soil samples:

- Using a pre-cleaned stainless steel hand auger or stainless steel scoop, advance the sampling equipment to the specified depths, see Table 1, and remove the soil.
- Place the soil into a stainless steel mixing bowl.
- Composite the contents of the mixing bowl and place an adequate volume into the appropriate containers.
- Appropriately label the jars
- Place the sample on ice in a cooler.
- Record observations in field book.
- Decontaminate equipment after each use and between sample locations.

3.3 Decontamination procedure

All down-hole drilling equipment, hand augers, and other tools will be decontaminated prior to its arrival at the site and between each use. All reusable sampling equipment will be decontaminated with a three step washing process that consists of a tap water rinse, an alconox and tap water wash, followed by a tap water rinse.

If visual contamination remains, new sampling equipment will be obtained or decontaminated procedures will be modified.

3.4 Analysis of Samples

All samples will be submitted to a New York State Department of Health-Environmental Laboratory Approval Program (NYSDOH-ELAP)-certified laboratory for analysis of metals via Method 6010 and semi-volatile organic compounds (SVOCs) via Method 8270 with a standard 2-week turnaround period. Soil samples will be collected unpreserved in laboratory supplied 6-oz jars with 180 day sample holding time for metals analysis and 14 day sample holding time for SVOCs both stored at 4°C. ASP Category B deliverables will be reported for each sample.

Table 1 – Summary Table of Proposed Sampling Locations

Location	Matrix	Depths	Analytical Parameters	Method	QA/QC
SB-A1	Soil	0-2", 18-24", 30-36", 42-48"	Metals SVOCs	Method 6010 Method 8270	
SB-A2	Soil	0-2", 18-24", 30-36" 42-48"	Metals SVOCs	Method 6010 Method 8270	
SB-A3	Soil	0-2", 18-24", 30-36", 42-48"	Metals SVOCs	Method 6010 Method 8270	
SB-A4	Soil	0-2", 18-24", 30-36", 42-48"	Metals SVOCs	Method 6010 Method 8270	
SB-A5	Soil	0-2", 18-24", 30-36", 42-48"	Metals SVOCs	Method 6010 Method 8270	MS/MSD
SB-B1	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-B2	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-B3	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-B4	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-B5	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	MS/MSD
SB-C1	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-C2	Soil	0-2", 6-12",	Metals	Method 6010	

		18-24"	SVOCs	Method 8270	
SB-C3	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-C4	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-C5	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	MS/MSD
SB-D1	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-D2	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-D3	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-D4	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-D5	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	MS/MSD
SB-E2	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-E3	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
SB-E4	Soil	0-2", 6-12", 18-24"	Metals SVOCs	Method 6010 Method 8270	
FD-X x 4	Soil	TBD	Metals SVOCs	Method 6010 Method 8270	Field Duplicate
Total of 74 samples+ 4 Field Duplicates + 4 MS/MSD					

Samples will be identified by using site number, sampling date, sample location, and sample depth.

3.5 Waste Characterization Sampling

The following samples will be collected for the purposes of waste characterization for the upcoming excavation activities planned for the site.

Table 2 - Waste Characterization Samples

Sample ID	Location	Discrete or Composite	Analysis	Analytical Method
WC - B1 (18-24)	B1 (18-24")	Discrete	Total VOC	8260
WC - C1 (0-2)	C1 (0-2")	Discrete	Total VOC	8260
WC - C2 (18-24)	C2 (18-24")	Discrete	Total VOC	8260
WC - A3 (0-2)	A3 (0-2")	Discrete	Total VOC	8260
WC - B3 (0-2)	B3 (0-2")	Discrete	Total VOC	8260

WC - B3 (18-24)	B3 (18-24")	Discrete	Total VOC	8260
WC - C3 (0-2)	C3 (0-2")	Discrete	Total VOC	8260
WC - D3(6-12)/ D4(6-12)	D3(6-12")/ D4(6-12")	Semi-Composite	TCLP VOC	1311, 8260
WC - C1(18-24)/ A3(18-24)	C1(18-24")/ A3(18-24")	Semi-Composite	TCLP VOC	1311, 8260
WC - C2(0-2)/ A4(0-2)	C2(0-2") A4(0- 2")	Semi-Composite	TCLP VOC	1311, 8260
WC - Deep (Total)	C1 (18-24"), C2(18-24"), C3 (18-24"), B3(18-24")	Composite	Total SVOCs, Metals, PCBs, Pesticides	8270, 6010, 8280
WC -Deep (TCLP)	C1 (18-24"), C2(18-24"), C3 (18-24"), B3(18-24")	Composite	TCLP SVOCs, Metals, PCBs, Pesticides	1311, 8270, 6010, 8280
WC - Shallow Total	E4 (0-6"), E3(0-6"), A3(0-6"), C3(0-6")	Composite	Total SVOCs, Metals, PCBs, Pesticides	8270, 6010, 8280
WC - Shallow TCLP	E4 (0-6"), E3(0-6"), A3(0-6"), C3(0-6")	Composite	TCLP SVOCs, Metals, PCBs, Pesticides	1311, 8270, 6010, 8280

Samples will be identified by using site number, sampling date and sample ID.

The following outlines the semi-compositing soil sampling procedures that will be employed to collect the TCLP VOC samples:

- Using a pre-cleaned stainless steel hand auger or stainless steel scoop, advance the sampling equipment to the specified depths, see Table 2, and remove the soil.
- Place the soil into a sampling jar filling up half way
- Move to the second location listed in Table 2 for the composite sample
- Having Decontaminated the stainless steel hand auger or stainless steel scoop, advance the sampling equipment to the specified depth
- Place the soil into the sampling jar filling up the rest of the way to the cap.
- Seal cap
- Appropriately label the jars
- Place the sample on ice in a cooler.
- Record observations in field book.
- Decontaminate equipment after each use and between sample locations.

3.6 Schedule

This task is expected to occur in early to mid-April 2015.

4.0 Reporting

4.1 Data Validation and Electronic Data Deliverables

Laboratory data will be reviewed by a NYSDEC data reviewer and a data quality report will be prepared. Category B data deliverables and NYSDEC electronic data deliverables (EDD) will be provided by the laboratories. An EDD submission to NYSDEC will be performed.

4.2 Tabulation and Report of Results and Conclusion

The data obtained from this pre-design investigation will be summarized in letter report form and tabulated and figures generated. All soil samples collected will be compared to Part 375-6 restricted-residential use SCOs.

Appendix A
Health and Safety Plan

Elmont - 546 Hempstead Turnpike-aka-Elmont Welding
Site Address: 546 Hempstead Turnpike, Elmont, NY 11003
Nassau County
Site No.: E130150

The proposed date of sampling is Early to Mid-April 2015.

The Site Investigation of the property is dated November 2006. It is an abandoned property and is an empty lot.

The contaminants of concern at this site include lead, cadmium, benzo (a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, and benz(a)anthracene

The overall hazard level anticipated on-site for the activities as listed in this sampling and analysis plan are low.

ON-SITE ACTIVITIES

- | | |
|--|---|
| Has this site been sampled and/or investigated before? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Has the site perimeter been identified? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Is the site fenced? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Is a site map/sketch available? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Has areas of contamination been identified? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Will air quality monitoring be done on-site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Is sampling planned at this site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Soil Parameters to be analyzed for: Metals and SVOCs

The proposed on-site activities include:

- Drilling down to 4 ft below ground surface (bgs) with a hand-auger
- Collection, compositing, and sampling of soil samples
- Decontamination of the hand auger and any other tools that are to be re-used
- Survey of the sampling point using a Trimble GPS unit

Respiratory Protection Required? Yes No

Personnel Protection anticipated: Level D (no external respiratory protection)

Personal Protection Equipment for Level D: work clothes
work boots
nitrile gloves

Air quality monitoring equipment to be used: None

General Safety Practices

All project personnel shall follow the following safety practices:

- Avoid skin exposure to subsurface materials. Remove any excess residual soil from clothes prior to leaving the site.
- No eating or drinking in designated work areas. Thoroughly wash hands prior to these activities outside the work area. Avoid sitting on the ground during breaks or while eating and drinking. Thoroughly wash all exposed body areas at the end of the workday.
- Be aware of site conditions (slips trips and falls) and climatic conditions (heat and cold) when performing site activities.

EMERGENCY PLANNING

	<u>Address</u>	<u>Phone</u>
Hospital	Franklin Hospital 900 Franklin Ave Valley Stream, NY 11580	911 (516) 256-6353
Ambulance	Emergency Department at Franklin Hospital 900 Franklin Ave. Valley Stream, NY 11580	911 (516) 256-6353
Police	Hempstead Police Department Village Hall 99 Nichols Ct Hempstead, NY 11550	911 (516) 483-6200
NYSDEC	Brian Jankauskas 625 Broadway Albany, NY 12233-7015	(518) 402-9620
NYSDOH	Steve Karpinski Bureau of Environmental Exposure Investigation Empire State Plaza, Corning Tower Room 1787 Albany, NY 12237	(518)402-7860
Town of Hempstead - Owner	George L. Bakich Town Supervisor	(516) 489-5000

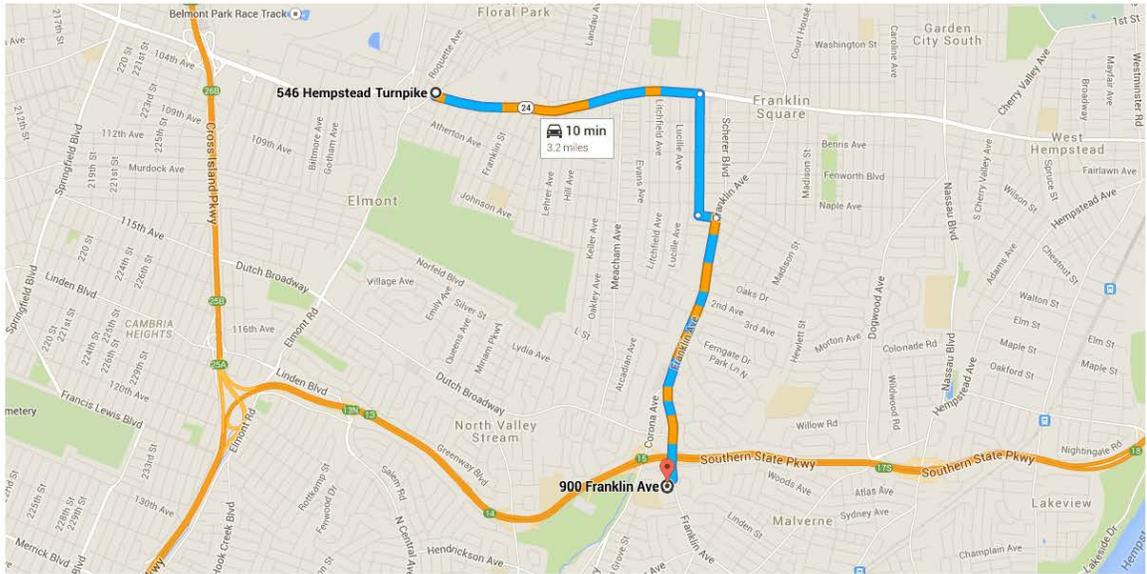
200 N. Franklin St.
Hempstead, NY 11550

Town of Hempstead – Applicant
Norene Domino
Economic Developer
200 N. Franklin St.
Hempstead, NY 11550

(516) 489-5000



Directions from 546 Hempstead Turnpike to 900 Franklin Ave



○ 546 Hempstead Turnpike

Elmont, NY 11003

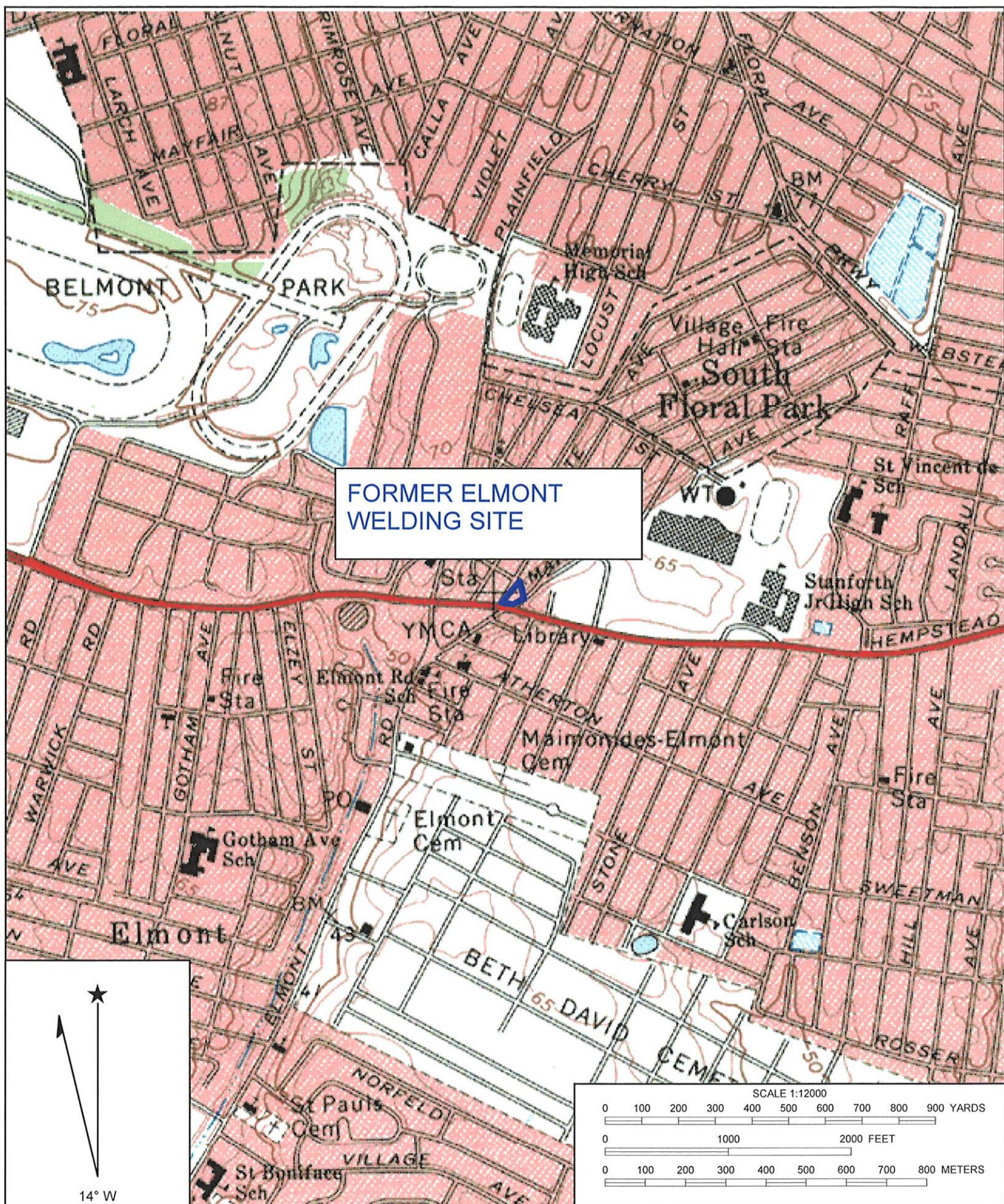
- ↑ 1. Head east on Hempstead Turnpike toward Marguerite Ave 1.3 mi
 - ↘ 2. Turn right onto Catherine Ave 0.6 mi
 - ↙ 3. Turn left onto Park Ave 449 ft
 - ↘ 4. Turn right onto Franklin Ave 1.3 mi
- i** Destination will be on the right

◎ 900 Franklin Ave

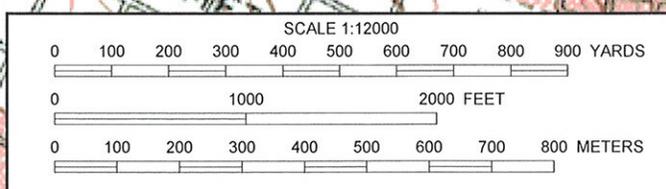
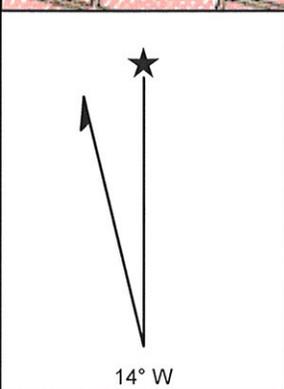
Valley Stream, NY 11580

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2015 Google

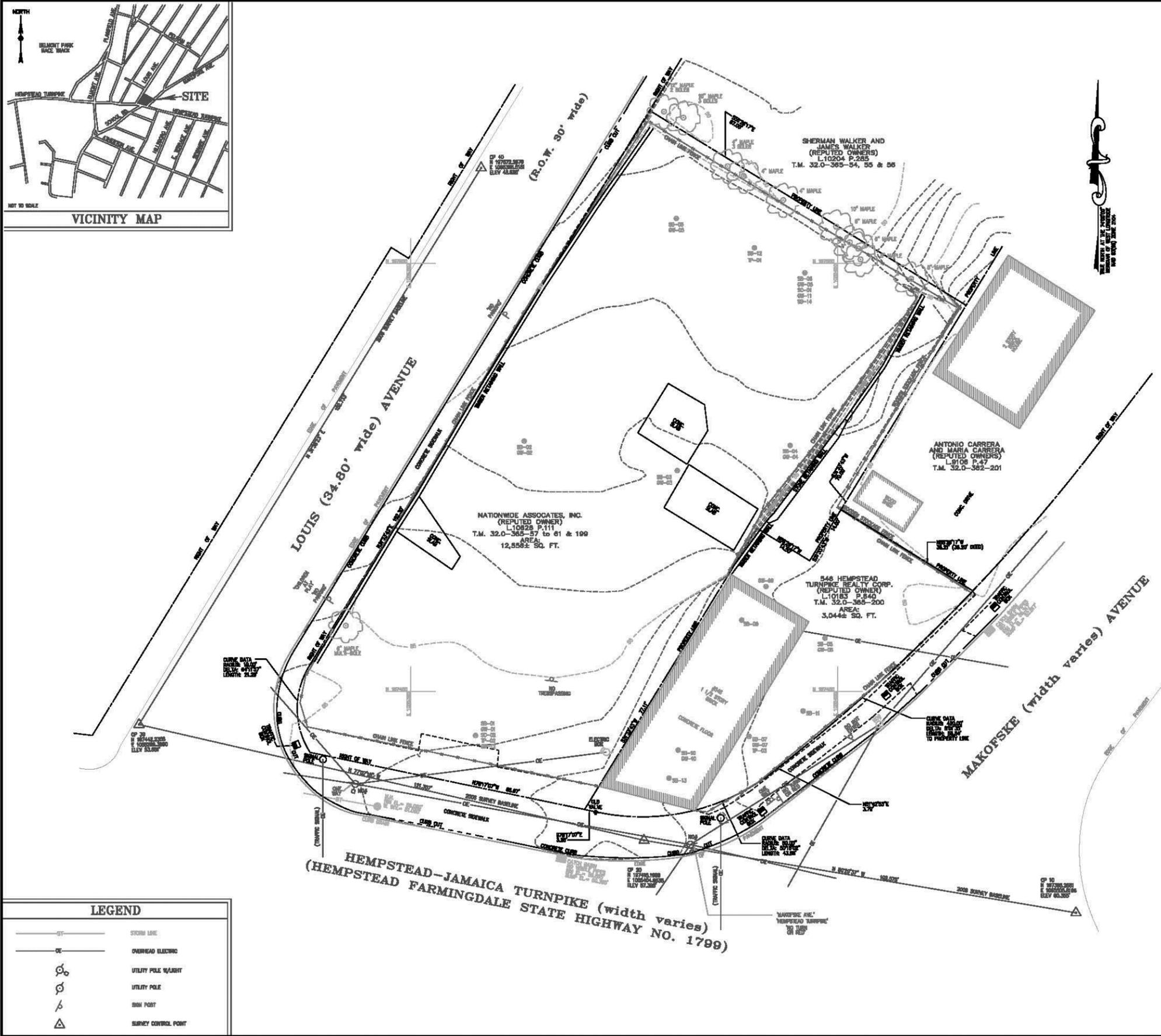
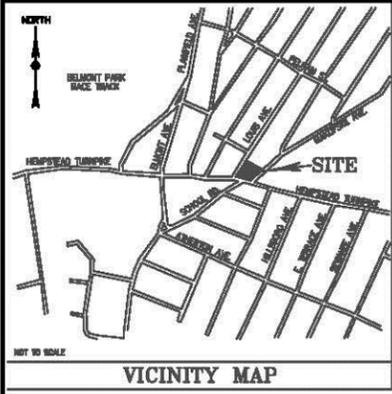


**FORMER ELMONT
WELDING SITE**



Name: LYNBROOK
Date: 7/13/2006
Scale: 1 inch equals 1000 feet

Location: 040° 42' 28.64" N 073° 42' 28.79" W
Caption: FIGURE 1
SITE LOCATION MAP
NYSDEC 1-30-150



TABULATED SAMPLE LOCATIONS

SB POINT	NORTHING	EASTING	GROUND ELEV.	GW POINT
SB-01	197439.7	1085385.2	55.8	GW-01
SB-02	197508.4	1085378.6	52.5	GW-02
SB-03	197501.6	1085412.5	53.0	GW-03
SB-04	197507.4	1085438.9	52.3	GW-04
SB-05	197560.5	1085412.2	51.5	GW-05
SB-06	197547.8	1085442.3	51.6	GW-06
SB-07	197439.5	1085426.3	58.1	GW-07
SB-08	197462.4	1085447.1	59.6	GW-08
SB-09	197468.7	1085427.5	56.88	GW-09
SB-10	197438.3	1085412.7	56.97	GW-10
SB-11	197445.4	1085441.9	59.3	---
SB-12	197553.6	1085430.5	51.6	---
SB-13	197429.7	1085410.5	56.95	---

REFERENCES

- DEEDS AS SHOWN ON MAP ARE FILED IN THE NASSAU COUNTY CLERK'S OFFICE. ALL REFERENCE A MAP ENTITLED 'JAMAICA SQUARE NO. 2 AMENDED MAP SURVEYED BY H. S. THOMPSON, CIVIL ENGINEER & SURVEYOR, OYSTER BAY, NEW YORK' DATED OCTOBER 1906 AND FIELD IN THE NASSAU COUNTY CLERK'S OFFICE ON SEPTEMBER 8, 1906 AS MAP NO. 41 (NEW NO. 304).
- NASSAU COUNTY DEPARTMENT OF ASSESSMENT LAND & TAX MAP SECTION 32 BLOCK 362, SECTION 32 BLOCK 365 AND SECTION 32 BLOCK D.
- AN UN-DATED COMPOSITE OF MAPS BY SEAR-BROWN ASSOC. APPEARING TO SHOW SIX SUBDIVIDED PARCELS ALONG HEMPSTEAD TPKE., LOUIS AVE. & MAKOSFSKE AVE.

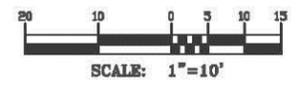
SURVEY NOTES:

- HORIZONTAL LOCATIONS SHOWN HEREON ARE BASED ON THE NEW YORK STATE PLANE GRID COORDINATE SYSTEM (NAD 83/98), LONG ISLAND ZONE (3104). A COMBINED SCALE FACTOR OF 1.0000028 WAS COMPUTED FOR THIS PROJECT.
- VERTICAL LOCATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- DISTANCES SHOWN ARE GROUND DISTANCES. BEARINGS SHOWN ARE GRID BEARINGS. CONTOUR INTERVAL IS 1 FOOT.

CERTIFICATION:
 WE, ON P. POPLI, P.E., L.S., P.C., HEREBY DECLARE THAT THIS MAP WAS PREPARED FROM THE NOTES OF A BOUNDARY AND TOPOGRAPHIC SURVEY COMPLETED ON MARCH 23, 2008 AND FROM THE REFERENCES LISTED HEREON.

MICHAEL A. VENTURO, P.L.S. No. 50079 DATE _____

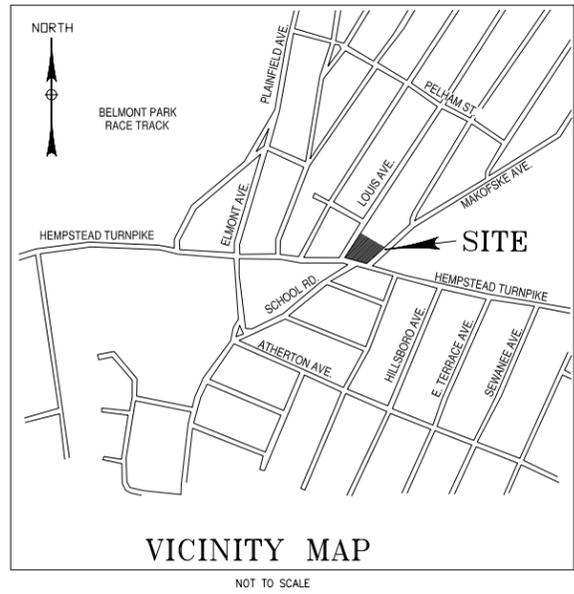
POPLI
 CONSULTING ENGINEERS & SURVEYORS
 555 PENBROOKE DRIVE
 PENFIELD, NEW YORK 14526
 (585) 388-2080



LEGEND

—ST—	STORM LINE
—OE—	OVERHEAD ELECTRIC
⊗	UTILITY POLE (W/RT)
⊙	UTILITY POLE
⊘	IRON POST
△	SURVEY CONTROL POINT

TITLE			
SITE SURVEY FORMER ELMONT WELDING NYSDEC SITE NO.: 1-30-150			
PREPARED FOR		NYSDEC	
DRAWN		SCALE	FIGURE
POPLI	JOB NO.: 0037437	Graphic	2
FILE NAME: 0037437-02-001		DATE	
		10/29/08	



LEGEND

- SOIL BORING ONLY
- SB-12 SOIL BORING ONLY
- ⊗ SOIL BORING AND GROUNDWATER SAMPLING LOCATION
- SB-02 SOIL BORING AND GROUNDWATER SAMPLING LOCATION
- GW-02 SOIL BORING AND GROUNDWATER SAMPLING LOCATION
- SC-01 SOIL CONDUCTIVITY BORING
- TP-01 TEMPORARY PEIZOMETER

Notes:

SB-01 thru SB-10: (soil samples taken from 0"-4" bgs and 18"-24" bgs)

SHALLOW SUBSURFACE SOIL EXCEEDANCE ABOVE RESIDENTIAL SCGs



— Site Boundary

NOTE: The former welding shop was demolished.

TITLE		
SITE PLAN FORMER ELMONT WELDING NYSDEC SITE NO. 1-30-150		
PREPARED FOR		
NYSDEC		
Environmental Resources Management ERM	SCALE	FIGURE
	GRAPHIC	3
DRAWN:	JOB NO.:	FILE NAME:
JMC/CWW	0037437	0037437-02-003
		DATE
		10/30/06

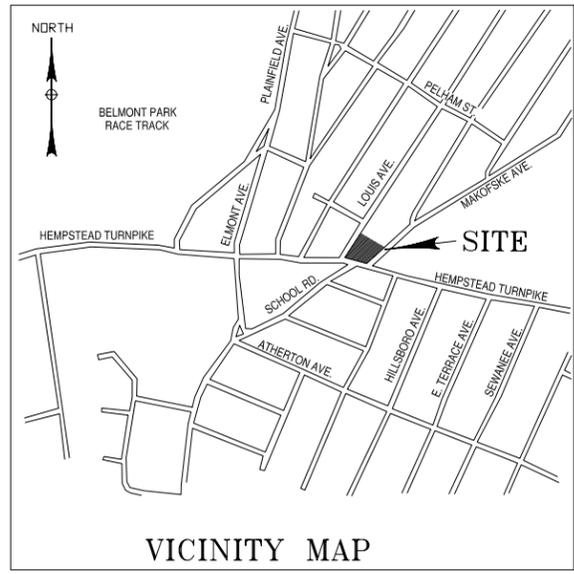
Benzo(a)anthracene	4.2 ppm
Benzo(a)pyrene	4.4 ppm
Benzo(b)fluoranthene	8.0 ppm
Dibenzo(a,h)anthracene	0.69 ppm
Indeno(1,2,3-cd)pyrene	2.4 ppm

Barium	421 ppm
Lead	830 ppm
Mercury	0.82 ppm

Benzo(a)anthracene	3.7 ppm
Benzo(a)pyrene	2.9 ppm
Benzo(b)fluoranthene	5.5 ppm
Dibenzo(a,h)anthracene	0.44 ppm
Indeno(1,2,3-cd)pyrene	1.5 p

Barium	427 ppm
Lead	1260 ppm

Benzo(a)anthracene	4.3 ppm
Benzo(a)pyrene	3.8 ppm
Benzo(b)fluoranthene	5.9 ppm
Indeno(1,2,3-cd)pyrene	1.0 ppm



LEGEND

- SOIL BORING ONLY
- SB-12 SOIL BORING ONLY
- ⊗ SOIL BORING AND GROUNDWATER
- SB-02 SOIL BORING AND GROUNDWATER
- GW-02 SAMPLING LOCATION
- SC-01 SOIL CONDUCTIVITY BORING
- TP-01 TEMPORARY PEIZOMETER

Notes:

SB-01 thru SB-10: (soil samples taken from 0"-4" bgs and 18"-24" bgs)

DEEP SUBSURFACE SOIL EXCEEDANCE ABOVE RESIDENTIAL SCGs



— Site Boundary

NOTE: The welding shop was demolished.

TITLE			
SITE PLAN FORMER ELMONT WELDING NYSDEC SITE NO. 1-30-150			
PREPARED FOR		NYSDEC	
DRAWN: JMC/CWW	JOB NO.: 0037437	SCALE	FIGURE
		GRAPHIC	4
FILE NAME: 0037437-02-003		DATE	10/30/06

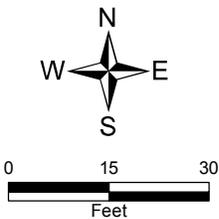
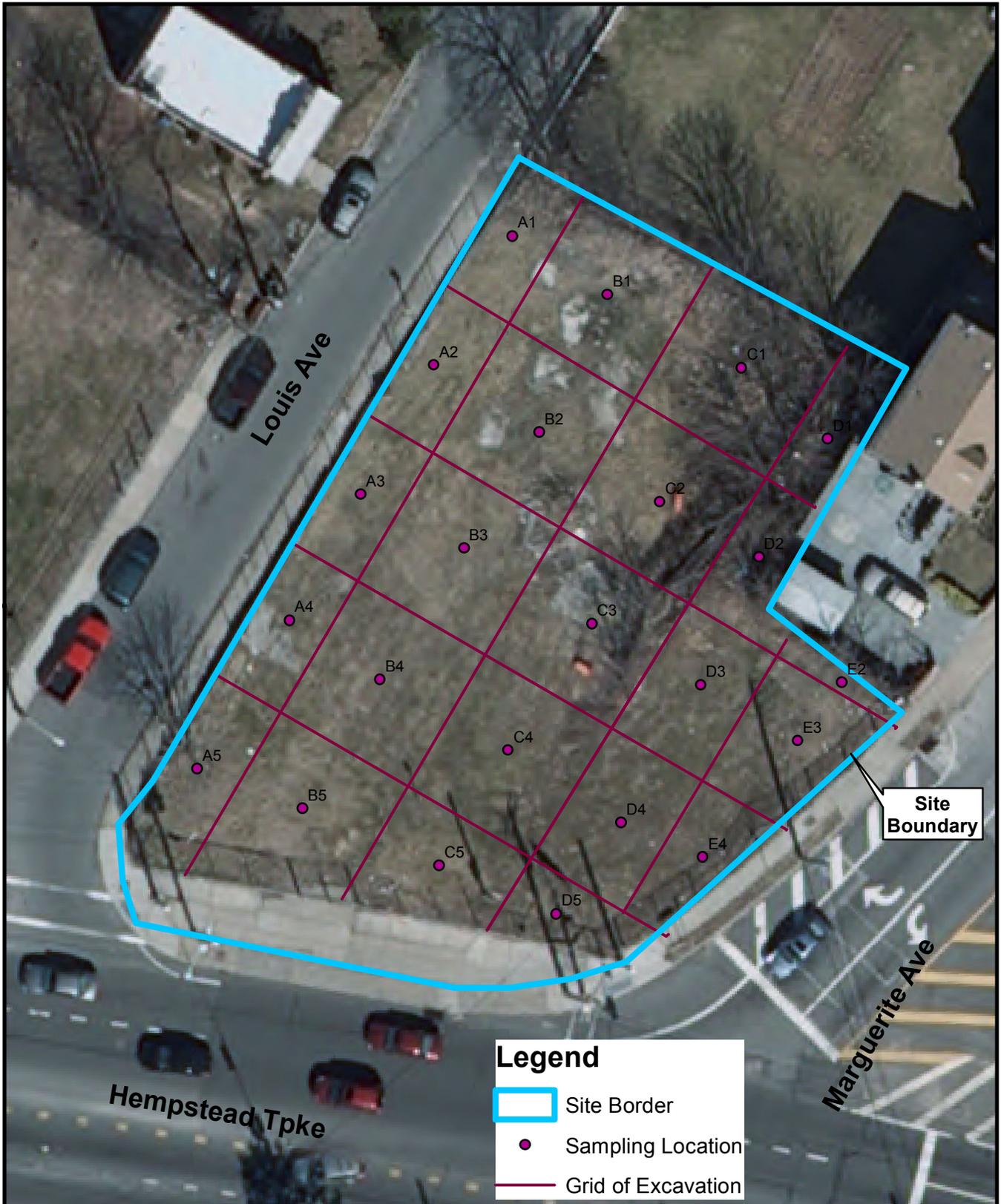


Figure 5
Sampling Locations
 Former Elmont Welding
 Town of Hempstead, Nassau County
 Site No. E130150

