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Theodore O. Leissing
Manager, MGP Programs

December 9, 2010

Mr. Jamie Ascher
Engineering Geologist 2
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 1
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409

RE: Interim Remedial Measure (IRM)
Excavation Footprint, Delineation Sampling of Subsurface Soil
East Hampton Hortonsphere Site
Index #: AI-0595-08-07; Site #: 152213
East Hampton, New York

Dear Mr. Ascher:

National Grid is submitting for your review and approval this letter work plan to collect additional shallow subsurface soil samples at the former East Hampton Hortonsphere Site in East Hampton, New York. The Site location is shown in Figure 1. The current conditions of the property are shown in Figure 2.

This letter work plan was developed in response to a phone conversation between you, me, and Jerry Zak (GEI Consultants, Inc.) on November 3, 2010. During that discussion, National Grid agreed to collect additional soil samples to confirm that the proposed excavation will adequately mitigate lead concentrations at and near the Hortonsphere. You followed-up with an e-mail on November 8, 2010, providing guidance from both your department and the New York State Department of Health (NYSDOH) on sample locations and depths.

At this time, the IRM is expected to consist of new and slightly expanded fencing and bluestone ballast around and beneath the Hortonsphere, which will be documented in a final IRM work plan based on the results of the sampling.

1.0 Additional Lead Characterization

The sampling for lead will be conducted in accordance with the NYSDEC-approved Site Characterization Work Plan (SCWP) dated November 2007, that includes the Health and Safety Plan, Quality Assurance Project Plan, and Field Sampling Plan. The following subsection describes surface soil sampling and laboratory analytical procedures in detail.

1.1 Surface Soil Sampling

Two shallow soil samples will be collected below each of the following previously collected samples: EHS-SS-03, EHS-SS-04, EHS-SS-05, and EHS-SS-06. One sample will be collected from 6 to 12 inches below ground and a second sample will be collected at 12 to 18 inches below ground. The following sample IDs will be used:

- EHS-SS-03A (6-12) and B (12-18).
- EHS-SS-04A (6-12) and B (12-18).
- EHS-SS-05A (6-12) and B (12-18).
- EHS-SS-06A (6-12) and B (12-18).

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The samples will be analyzed for lead only, using EPA Method 6010B. The locations of the proposed samples are shown in Figure 2.

The samples will be collected with a decontaminated stainless steel trowel and/or hand auger. Quality assurance/quality control samples will include one blind duplicate, and one rinsate blank. The batch Matrix Spike/Matrix Spike Duplicate (MS/MSD) data from the laboratory will be requested in lieu of a site-specific MS/MSD.

The samples will be submitted to TestAmerica Laboratories in Shelton, Connecticut for analysis. TestAmerica is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) accredited laboratory.

The location of each sample point will be measured from known points and incorporated into the existing site base map.

We will also collect four waste characterization samples throughout the excavation footprint to assist in identifying a disposal facility.

2.0 Schedule and Reporting

We anticipate sample collection within approximately 1 week of receiving NYSDEC approval. A number of factors can affect the actual start date including the approval of this work plan, property access, and/or weather that may hamper collection of surface soil samples. National Grid will have to coordinate access with the Long Island Power Authority. The field work is expected to take one day.

After receipt/validation of the laboratory analytical data, we will generate a brief letter report for your review, prior to finalizing the IRM work plan.

Please call me or Jerry Zak (860.368.5404) if you have any questions or require additional information.

Sincerely,

Theodore Leissing
Manager, MGP Programs
National Grid Site Investigation & Remediation

Attachments

cc: W. Parish, NYSDEC Region 1
R. Ockerby, NYSDOH
J. Zak, GEI

JZ/ah H:\WPROC\Project\KEYSPAN\11 Site Characterizations\East Hampton Hortonsphere\IRM\PreDesignSampling\EastHampton-Add Lead-Waste Char Ltr WP 12-9-10.doc

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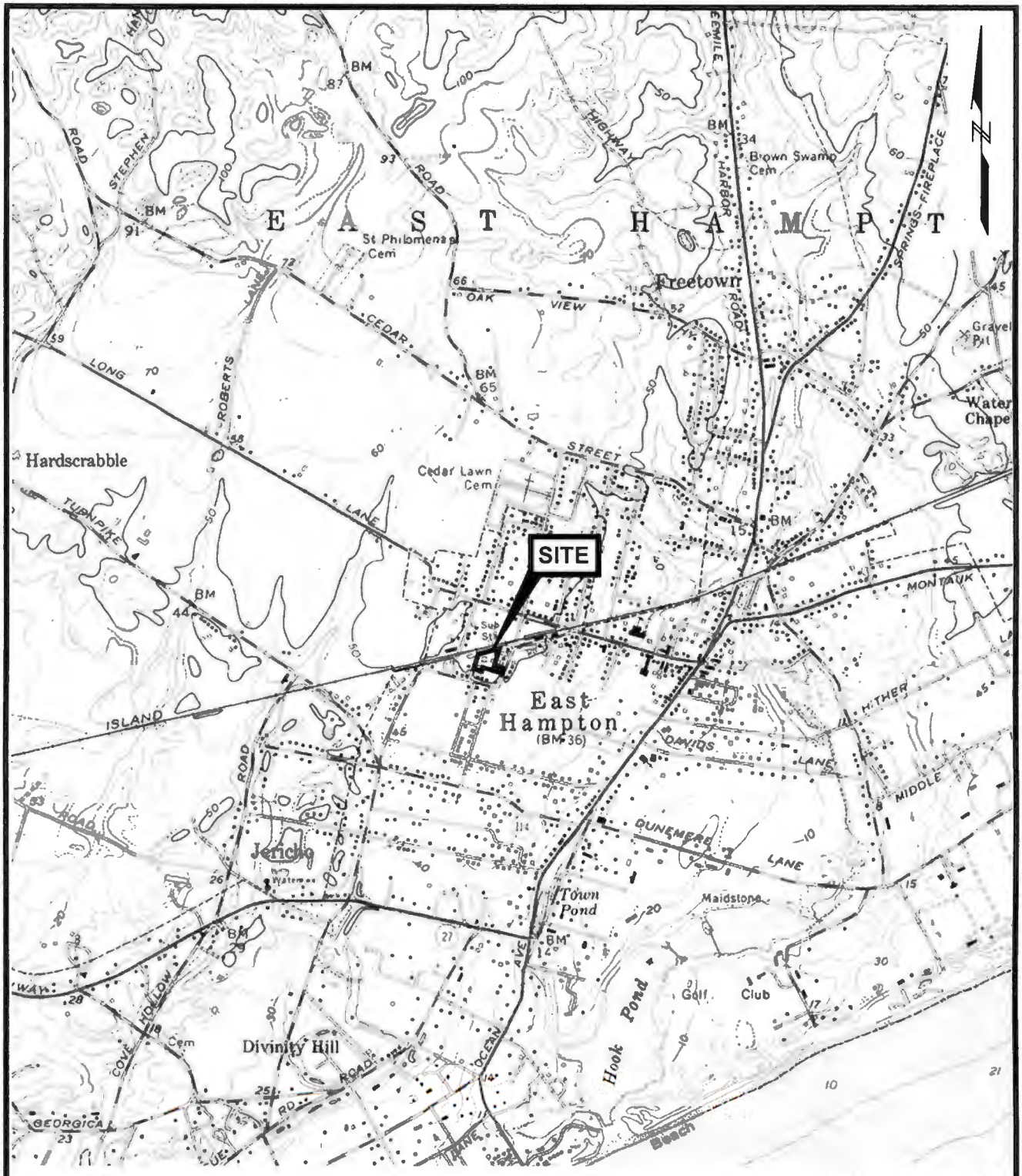

SOURCE: Map created with TOPO! ® ©2001 National Geographic (www.nationalgeographic.com/topo)

EXCAVATION FOOTPRINT
DELINEATION SAMPLING OF SUBSURFACE SOIL
EAST HAMPTON HORTONSPHERE SITE
EAST HAMPTON, NEW YORK

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SITE LOCATION MAP

Project 102870-1-1105 | December 2010 | Figure 1

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LEGEND:

- PROPERTY BOUNDARY (APPROXIMATE)
- FENCE
- SURFACE SOIL SAMPLE LOCATION WITH PREVIOUS LEAD CONCENTRATION
- 6 TO 12" BELOW GROUND
- 12 TO 18" BELOW GROUND

SOURCES:

1. Orthophoto obtained from New York State Interactive Mapping Gateway (http://www1.nysgis.state.ny.us/MainMap.cfm) photo date: 2004, accessed 1/09/08.
2. Long Island Lighting Co., Mineola, N.Y., East Hampton Substation and Gas Storage Site, Situated at East Hampton, Town of East Hampton, County of Suffolk, N.Y., Scale: 1" = 60', Date: 10-17-72.
3. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/14/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.

0 60 120

SCALE, FEET

EXCAVATION FOOTPRINT
DELINEATION SAMPLING OF SUBSURFACE SOIL
EAST HAMPTON HORTONSPHERE SITE
EAST HAMPTON, NEW YORK

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SURFACE SOIL SAMPLE LOCATIONS AND PREVIOUS ANALYTICAL RESULTS LEAD ONLY (mg/kg)

December 2010 Figure 2

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