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Theodore O. Leissing
Manager, MGP Programs

April 20, 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: Pre-Design Surface Soil Sampling
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 conduct Pre-Design surface soil sampling 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 Walter Parish (NYSDEC), you, me, and Jerry Zak (GEI Consultants, Inc.) on April 2, 2010. During that discussion National Grid agreed to develop an Interim Remedial Measure (IRM) work plan to mitigate lead in surface soil near the Hortonsphere.

At this time, the IRM is expected to consist of expanded fencing and bluestone ballast around and beneath the Hortonsphere, and we have begun preliminary efforts to develop the work plan. However, we cannot generate a final IRM plan and mitigation measures without pre-design lead data for the Hortonsphere.

1.0 Additional Lead Characterization

The surface soil 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

Four surface soil samples (EHS-SS-11, EHS-SS-12, EHS-SS-13, and EHS-SS-14) are proposed to quantify lead concentrations in surface soil outside the fenced confines of the Hortonsphere. The locations of the proposed surface soil samples are shown in Figure 2. Three surface soil samples (EHS-SS-11, EHS-SS-12, and EHS-SS-14) will be collected ten feet from the fence around the Hortonsphere. One surface soil sample (EHS-SS-13) will be collected 10 feet south of previous surface soil sample location EHS-SS-03 – where the lead concentration exceeded the NYSDEC Part 375 Restricted Residential Soil Cleanup Objective (SCO) of 400 milligrams per kilogram (mg/kg) during site characterization studies.

175 East Old Country Road, Hicksville, NY 11801
T: 516.545.2555 ■ F: 516.545.2583 ■ theodore.leissing@us.ngrid.com ■ www.nationalgrid.com

The surface soil samples will be collected with a decontaminated stainless steel trowel or dedicated disposable sampling tool from 0 to 2 inches below the vegetative root mat. The grass will be removed prior to sampling and will be replaced following the completion of sampling activities.

These samples will be analyzed for lead only, using EPA Method 6010B.

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 surface soil 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.

2.0 Schedule and Reporting

We anticipate that field work can start 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 less than one day.

After completion of the field activities and receipt/validation of the laboratory analytical data, we will incorporate the results to determine the extent of additional fencing and ballast. We anticipate delivering a draft IRM work plan for your review by the end of June 2010.

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

Sincerely,

FOR

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

Attachments

175 East Old Country Road, Hicksville, NY 11801
T: 516.545.2555 ■ F: 516.545.2583 ■ theodore.leissing @us.ngrid.com ■ www.nationalgrid.com

cc: W. Parish, NYSDEC Region 1
C. Vasudevan, NYSDEC
L. Eckhaus, NYSDEC
R. Paulsen, SCDHS
A. Juchatz, SCDEE
R. Ockerby, NYSDOH
S. Shearer, NYSDOH
J. Zak, GEI

175 East Old Country Road, Hicksville, NY 11801
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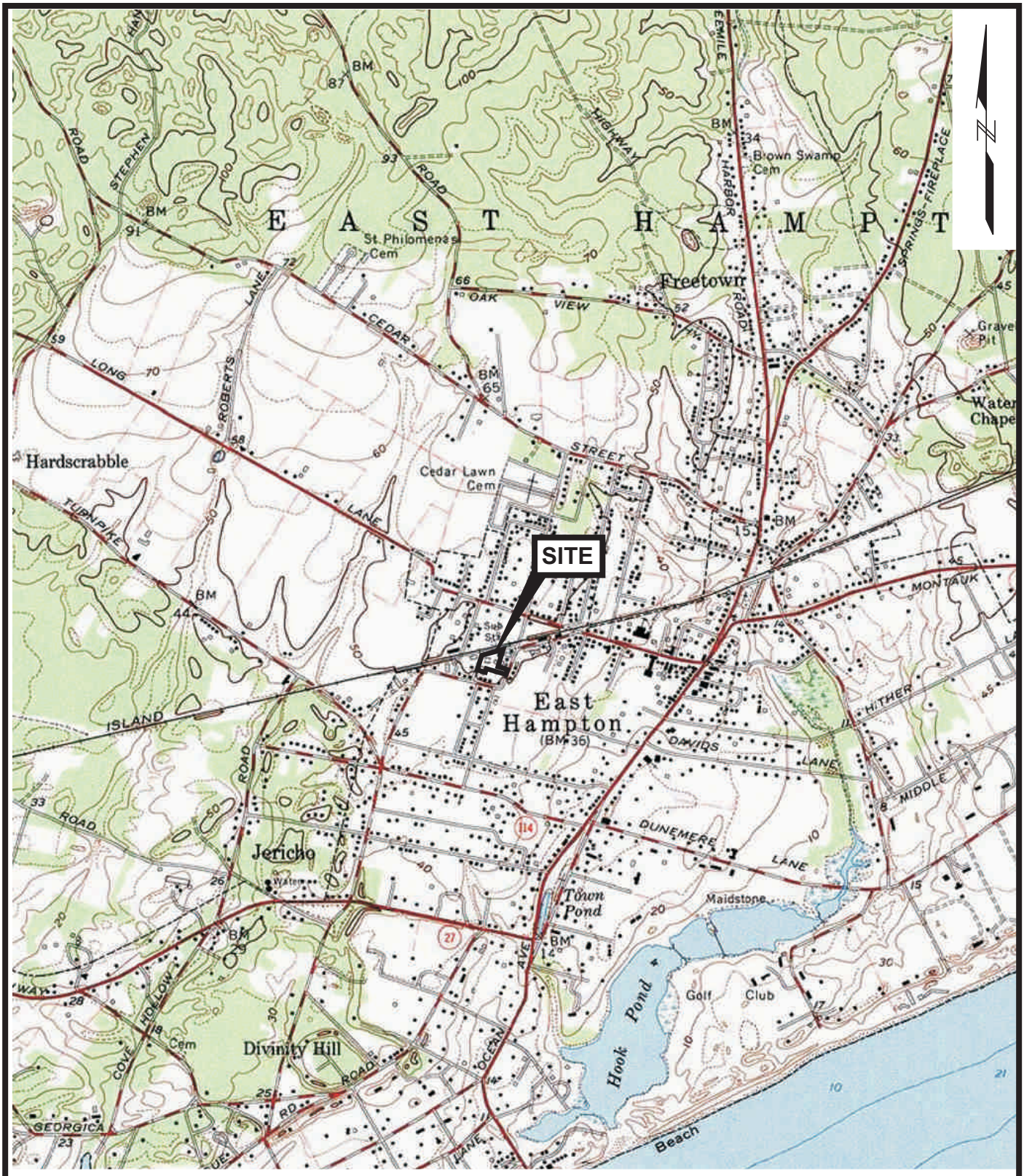

SOURCE: Map created with TOPO! ® ©2001 National Geographic (www.nationalgeographic.com/topo)

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SCALE, FEET

PRE-DESIGN SURFACE SOIL SAMPLING WORK PLAN
EAST HAMPTON HORTONSPHERE SITE
EAST HAMPTON, NEW YORK

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SITE LOCATION MAP

Project 093000-2-1202 | April 2010 | Figure 1

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LEGEND:

- PROPERTY BOUNDARY (APPROXIMATE)
- FENCE
- EHS-SS-11 ▲ PROPOSED SURFACE SOIL SAMPLE LOCATION - LEAD ONLY
- EHS-SS-01 △ PREVIOUS SURFACE SOIL SAMPLE LOCATION

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.

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SCALE, FEET

PRE-DESIGN SURFACE SOIL SAMPLING WORK PLAN
EAST HAMPTON HORTONSPHERE SITE
EAST HAMPTON, NEW YORK

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EXISTING AND PROPOSED SURFACE SAMPLE LOCATIONS - LEAD ONLY

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