



Second Annual Periodic Review Report (PRR2) June 23, 2017 – June 23, 2018

## Sag Harbor Former MGP Site

Village of Sag Harbor Suffolk County, Long Island, NY Site ID No. 1-52-159

#### Submitted to:

National Grid 175 East Old Country Road Hicksville, NY 11801

#### Submitted by:

GEI Consultants, Inc., P. C. 110 Walt Whitman Road Huntington Station, NY 11746 631.760.9300

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Christopher Morris, P.G. Project Manager

Daniel Kopcow, P.E., PMP Senior Engineer

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#### **Appendices**

- A. Site-wide Inspection Forms and Photo Logs
- B. NYSDEC Institutional and Engineering Controls Certification Form
- C. Property Owner Certification Forms

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## Abbreviations, Acronyms, and Measurements

AWQS Ambient Water Quality Standards

AEI AEI Consultants

BTEX Benzene, Toluene, Ethylbenzene, and total Xylenes

DER Division of Environmental Remediation
DNAPL Dense Non-Aqueous Phase Liquid

EC Engineering Control

ECL Environmental Conservation Law

EWP Excavation Work Plan
FER Final Engineering Report
GEI GEI Consultants, Inc., P. C.

IC Institutional Control

LNAPL Light Non-Aqueous Phase Liquid

MGP Manufactured Gas Plant

MNA Monitored Natural Attenuation

MTBE Methyl Tert-Butyl Ether
NAPL Non-Aqueous Phase Liquid

NYSDEC New York State Department of Environmental Protection

PAH Polycyclic Aromatic Hydrocarbon

PRR Periodic Review Report
RI Remedial Investigation
ROD Record of Decision
SIM Selected Ion Monitoring
SMP Site Management Plan

SMW Soil Mix Wall

SVOC Semi-Volatile Organic Compound TestAmerica TestAmerica Laboratories Inc.

µg/L Microgram per Liter

USEPA United States Environmental Protection Agency

VOC Volatile Organic Compound

## Periodic Review Report Certification Statement

I, Daniel Kopcow, certify that I am currently a NYS registered professional engineer and that this Periodic Review Report and all attachments were prepared under my direction. To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program, and generally accepted engineering practices; and that the information presented is accurate and complete.

For each institutional or engineering control identified for the Site, I certify that all the following statements are true:

- a) the institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER;
- b) nothing has occurred that would impair the ability of such control to protect public health and the environment;
- c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control; and
- d) access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.



\_July 13, 2018\_

Date

Daniele Kopcow, P.E., PMP GEI Consultants, Inc., P.C. New York State Professional Engineer License Number 077276

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

## **Executive Summary**

This Periodic Review Report (PRR) is a required element of the remedial program at the Former Sag Harbor Manufactured Gas Plant (the Site) located in Sag Harbor, New York. The Site was remediated under the New York State Inactive Hazardous Waste Disposal Site Remedial Program administered by New York State Department of Environmental Conservation (NYSDEC) in accordance with Order on Consent Index # D1-0002-98-11, Site # 1-52-159, which was executed on October 5, 2005 (the "Order"), the Records of Decision (ROD), dated March 2006, and the Remedial Design/Remedial Action Work Plan, dated August 2008.

Remediation was conducted from August 2008 through June 2009 and included construction of the soil mix wall, removal and disposal of heavily contaminated residual Manufactured Gas Plant-related soils, and placing of clean fill material and cover system. Also the installation of a passive dense non-aqueous phase liquid (DNAPL) collection system and a groundwater monitoring well network to measure the monitored natural attenuation (MNA).

A Site Management Plan (SMP) was developed in 2014. The SMP documented procedures to be implemented in the monitoring and management of any residual contamination remaining at the Site. Engineering and institutional controls were implemented at the Site as specified in the SMP. Also specified in the SMP were requirements for monitoring, performance of periodic inspections and submittal of an annual PRR in accordance with NYSDEC Department of Environmental Remediation (DER)-10 "Technical Guidance for Site Investigation and Remediation" requirements.

This PRR summarizes and evaluates the performance, effectiveness and protectiveness of the Engineering Controls (ECs) and Institutional Controls (ICs) established for the Site for the twelve-month period including June 23, 2017 to June 23, 2018. The annual institutional and engineering control inspection was performed on May 9 and 10, 2018 in accordance with the requirements outlined in the SMP. Based upon the results of the inspection, all institutional and engineering controls appear to remain in place as specified in the SMP for the Site. The remedial program has been successful in achieving the remedial action objectives for the Site. Based on these factors, no changes to the SMP or the frequency of PRRs are recommended.

## 1. Introduction

This Periodic Review Report (PRR) was prepared by GEI Consultants, Inc., P.C. (GEI), on behalf of National Grid NY (National Grid), to present the scope and results of the post-remediation monitoring activities and inspections conducted between June 23, 2017 and June 23, 2018 at the Former Sag Harbor Manufactured Gas Plant site (the Site) located in Sag Harbor, New York. The 2017-2018 monitoring activities and inspections were conducted to evaluate the on-going performance and effectiveness of the engineering controls at the Site and consisted of the following:

- Quarterly groundwater monitoring and non-aqueous phase liquid (NAPL) monitoring and recovery in December 2017, March 2018, and May 2018. During Q1 2018, select wells were analyzed for 1,4-dioxane at the request of the New York State Department of Environmental Conservation (NYSDEC);
- Annual groundwater monitoring and NAPL monitoring and recovery in September 2017:
- Oversight for AEI Consultants (AEI) subsurface sampling near the Site Management Plan (SMP) limits in March 2018; and
- Annual Site-wide inspection in May 2018.

The 2017-2018 monitoring activities and inspections were performed in accordance with the NYSDEC-approved SMP (AECOM, 2014). The SMP provides details of institutional controls (ICs) and engineering controls (ECs) that restrict exposure to the Manufactured Gas Plant (MGP)-related residuals.

#### 1.1 Background

The former Sag Harbor MGP operated from 1859 to 1930. The MGP site produced gas from coal or wood rosin before being switched to a water gas process in 1892. The byproducts of gas production that spilled, leaked, or were disposed on the former Sag Harbor MGP site are the source of the contamination.

## 1.2 Site Location and Description

The former MGP is located in the Village of Sag Harbor and is identified as Block 0002, Lot 10 on the Town of Southampton Tax Map. The former MGP is an approximately 0.8-acre area, bounded by Long Island Avenue and a private property to the north, commercial property and residences to the south, a United States Post Office and a public parking lot to the east, and Bridge Street and the Harbor Close Condominium to the west (**Figures 1** and **2**). In accordance with the SMP, the Site includes the following properties:

- The former Sag Harbor MGP site (5 Bridge Street),
- An adjacent private property to the north (31 Long Island Avenue),

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- Portions of the adjacent private property to the south (11 Bridge Street), and
- The Village of Sag Harbor sidewalk and roads to the north and west.

The "off-Site areas" include all or portions of the following private and commercial properties adjacent to the Site:

- Private properties to the north 22 Long Island Avenue, 2 West Water Street, 4 West Water Street, and 8 West Water Street,
- Private property to the south 7 Bridge Street,
- Private property to the west -- 18 Bridge Street; and
- The United States Postal Service Post Office property and a small portion of the Village of Sag Harbor parking lot to the east.

### 1.3 Remedial Investigation Summary and Remedial History

The Remedial Investigation (RI) was performed to characterize the nature and extent of contamination at the Site and surrounding areas between 2002 and 2005. Generally, the RI found that there were no ongoing exposures to contamination from the Site or off-Site areas. The main categories of contaminants that were found to exceed their standards, criteria, and guidance's are volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Coal tar was also found in wide distribution throughout the Site and surrounding areas.

The remediation of the Site and adjoining areas took place in accordance with the NYSDEC Record of Decision (NYSDEC, 2006; ROD) and as documented in the Final Engineering Report (AECOM, 2016; FER). Remediation was conducted from August 2008 through June 2009 and included construction of the soil mix wall, removal and disposal of heavily contaminated residual MGP-related soils, and placing of clean fill material and a cover system. Management of MGP-related residuals remaining on-Site and adjoining areas soils and groundwater is conducted in accordance with the SMP. The ECs outlined in the SMP include:

- Subsurface vertical Soil Mix Wall (SMW) dense non-aqueous phase liquid (DNAPL) barrier wall;
- Soil and composite cover systems;
- Passive DNAPL collection systems; and
- Monitored natural attenuation (MNA).

The ICs place restrictions on certain Site and off-Site area activities and require periodic monitoring to evaluate the performance and effectiveness of the Site remedy for reducing and mitigating remaining impacts at the Site and off-Site areas. The FER includes Environmental Easements for the Site properties, executed in accordance with New York State Environmental Conservation Law (ECL) Article 71, Title 36.

## 2. SMP Activities

GEI, on behalf of National Grid, conducted the following activities on the Site and at off-Site area properties to comply with the requirements of the EC/IC plan detailed in Section 3 of the SMP. The following sections summarize the activities conducted from June 23, 2017 to June 23, 2018.

## 2.1 Groundwater Flow and Monitoring

To assess the effectiveness of MNA for the remaining contamination, GEI performs quarterly and annual groundwater monitoring. The following sections summarize the components of the MNA remedy and monitoring.

#### 2.1.1 Monitoring Well Network

A total of 25 monitoring wells are currently located at or in the vicinity of the Site (**Figure 3**). This network was initially designed to monitor both up-gradient and down-gradient conditions at the Site and off-Site areas.

Four monitoring well clusters (SHMW-7SR/SHMW-7IR; SHMW-8S/SHMW-8I; SHMW-12S/SHMW- 12I; and SHMW-13S/SHMW-13I), each consisting of one shallow aquifer well and one intermediate aquifer well, were installed in the shallow and intermediate overburden groundwater aquifer to determine the upgradient groundwater conditions.

One monitoring well cluster (SHMW-9S/SHMW-9I) consisting of one shallow aquifer well and one intermediate aquifer well was installed in the shallow and intermediate overburden groundwater aquifer to determine the side-gradient groundwater conditions.

Four monitoring well clusters (SHMW-3S/SHMW-3I; SHMW-5SR/SHMW-5IR; SHMW-10S/SHMW-10I; and SHMW-11S/SHMW-11I), each consisting of one shallow aquifer well and one intermediate aquifer well, were installed in the shallow and intermediate overburden groundwater aquifer and monitoring well SHMW-4SR was installed in the shallow overburden aquifer to determine downgradient groundwater conditions.

Several monitoring wells were either destroyed or abandoned prior to the start of remedial activities at the site. These included: MW-05, which was destroyed sometime between March and June 2007, as well as monitoring wells MW-01, MW-02, MW-03, MW-04, MW-06, SHMW-01S, SHMW-01I, SHMW-02I, SHMW-02D, SHMW-04S, SHMW-04I, SHMW-05S, SHMW-05I, SHMW-06S, and SHMW-06I, which were abandoned. Seven of the monitoring wells, including SHMW-01SR, SHMW-01IR, SHMW-02IR, SHMW-02DR, SHMW-04SR, SHMW-05SR, and SHMW-05IR, were replaced as part of the post-remediation monitoring well replacement/installation program in Q4 2010. The SHMW-01 and SHMW-02 clusters were installed on the property of the former MGP.

Monitoring wells SHMW-02IR and SHMW-04SR were installed as larger diameter wells for potential DNAPL recovery. In addition to the installation of the replacement monitoring wells listed above, new monitoring wells SHMW-01D and SHMW-02S were also installed as part of this program. Monitoring wells SHMW-07S and SHMW-07I, which were damaged presumably during the remedial activities, were abandoned during the replacement well installation program and reinstalled.

### 2.1.2 Hydrological Data

Groundwater levels of all the wells within the network, excluding SHMW-02IR due to an altered survey point, are conducted quarterly to calculate groundwater flow. The groundwater gauging events throughout the year confirm that the groundwater flow direction is generally to the west towards Sag Harbor Cove. The Quarterly Groundwater Monitoring Reports Q3 2017, Q4 2017, and Q1 2018 (GEI, 2017 & 2018) provide further details of gauging activities and the shallow and intermediate groundwater contours for high and low tidal conditions are depicted in Figures 3 through 6 within the reports. The results of the groundwater monitoring conducted for the period April 2018 through June 2018 will be included in the Quarterly Groundwater Monitoring Report Q2 2018.

#### 2.1.3 Monitoring Program

Criteria to reduce the scope of the groundwater monitoring program based on historical and future analytical results were proposed, and subsequently approved by the NYSDEC on March 21, 2014. The criteria and the resulting reductions to the program were detailed in a follow-up letter to NYSDEC dated May 13, 2014. NYSDEC has required that several monitoring wells in the intermediate zone be exempt from reduction criteria and be sampled annually. These wells include SHMW-03I, SHMW-05I, and SHMW-08I.

Based on the established criteria, 11 wells have been eliminated from the sampling program, two shallow wells were reduced to annual sampling and quarterly sampling has resumed in one well. The reductions in the scope of work are shown in the table below. The sampling list will continue to be re-evaluated on a quarterly basis, with changes made, as appropriate.

Monitoring Well	Sampling	Frequency	Monitoring Well	Sampling	Frequency
wormoring weir	Former	Current	wormoring weil	Former	Current
SHMW-01SR	Annual	Eliminated	SHMW-01D	Annual	Eliminated
SHMW-02S	Quarterly	Annual	SHMW-02DR	Annual	Eliminated
SHMW-03S	Quarterly	Annual	SHMW-07IR	Annual	Eliminated
SHMW-09I	Annual	Quarterly	SHMW-10I	Annual	Eliminated
SHMW-10S	Quarterly	Eliminated	SHMW-11I	Annual	Eliminated
SHMW-13S	Quarterly	Eliminated	SHMW-12I	Annual	Eliminated
SHMW-01IR	Annual	Eliminated	SHMW-13I	Annual	Eliminated

Note: SHMW-03I, 05IR, and 08I are exempt from reduction from annual sampling

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Implementation of the reduced sampling scope began in Q2 2014. The current sampling list is implemented as follows:

- Quarterly monitoring SHMW-04SR, SHMW-05SR, SHMW-07SR, SHMW-08S, SHMW-09S, SHMW-09I, and SHMW-12S
- Annual monitoring Quarterly wells, in addition to SHMW-02S, SHMW-02IR, SHMW-03S, SHMW-03I, SHMW-05IR, SHMW-08I, and SHMW-11S

Based on a review of seasonal data trends, the annual sampling rounds are conducted during the third quarter of each year. A total of 12 wells were sampled during the annual sampling round (Q3 2017), six wells were sampled in the two quarterly round Q4 2017 and seven wells were sampled in the quarterly round Q1 2018. Monitoring wells with NAPL, which typically are limited to SHMW-07SR and SHMW-02IR, are not sampled if NAPL is observed during the sampling event. Additional information on NAPL gauging results is provided in Section 2.2.

Groundwater samples were collected using low-flow purging and sampling procedures in accordance with the Quality Assurance Project Plan and Field Sampling Plan (Appendix F and E of the SMP). Samples were analyzed by TestAmerica Laboratories, Inc. (TestAmerica) in accordance with the most-recent versions of the United States Environmental Protection Agency's (USEPA's) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846; USEPA 1980), as referenced in NYSDEC's Analytical Services Protocol. Regular analyses performed for quarterly and annually sampled wells includes benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tert-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260, as well as polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270.

At the request of the NYSDEC, three wells were sampled for 1,4-dioxane by EPA Method 8270 Selected Ion Monitoring (SIM) during the Q1 2018 sampling event. The wells included SHMW-02S, SHMW-04SR and SHMW-05SR. Excluding SHMW-02S, these wells were included in the quarterly sampling list. SHMW-02S was sampled for 1,4-dioxane exclusively during this sampling event.

#### 2.1.4 Monitoring Results

Total BTEX and total PAH concentrations have been generally decreasing, but variable in shallow groundwater on and adjacent to the Site. Further discussion of the decreases is provided below. An analysis of the current and historical data in recent quarterly sampling events is presented in the table below. The Q2 2018 quarterly data was not available prior to the submittal of this PRR and will be included in a subsequent quarterly report.

Shallow Zone	Historical		Q3 2017		Q4 2017		Q1 2018	
	Max	Average	Max	Average	Max	Average	Max	Average
Total BTEX	25,860	689	358	62	251	71	232.8	61
Total PAHs	14,332	626	475	91	264	106	279.6	112

Note: Concentrations in micrograms per Liter (µg/L)

The total BTEX and PAH concentrations have remained relatively consistent from Q3 2017 to Q1 2018, with slight increases noted for PAHs. However, in comparison to the historical data, significant decreases are evident.

Exceedances of the respective ambient water quality standards or guidance values (AWQS) for BTEX and PAHs have been identified in each of the five shallow wells sampled during at least one of the quarterly monitoring events during the reporting period (Q3 2017 through Q1 2018). BTEX exceedances were also noted in the intermediate well that is sampled quarterly during the reporting period. No exceedances were noted in any of the wells on the annual sampling list.

MTBE was detected in a total of four wells during the reporting period. All of these detections were below the guidance value of 10  $\mu$ g/L.

The Quarterly Groundwater Monitoring Reports Q3 2017, Q4 2017, and Q1 2018 (GEI, 2017 & 2018) provide further details of the monitoring results throughout the reporting period as well as historic results. The results of the groundwater monitoring conducted for the period April 2018 through June 2018 will be included in the Q2 2018 Quarterly Groundwater Monitoring Report.

## 2.2 DNAPL Collection System

Monitoring of the Site DNAPL collection system takes place quarterly and DNAPL recovery, when necessary, is conducted in accordance with the SMP. A passive DNAPL collection system was installed to mitigate the potential migration of any DNAPL left behind in the subsurface following the Remedial Action. The passive DNAPL collection system consists of two four-inch wells (SHMW-04SR and SHMW-02IR) with two-foot sumps. SHMW-04SR is located on Long Island Avenue north of the 31 Long Island Avenue property and SHMW-02IR is located on the 5 Bridge Street Property (**Figure 3**). The Installation and Replacement Monitoring Well Installation Report (GEI, 2011) provides details of the well construction including construction logs and development logs. DNAPL recovery is attempted if the measured thickness is observed to be greater than 0.33-feet.

## 2.2.1 NAPL Monitoring

As required in the SMP, all 25 monitoring wells are gauged and monitored for NAPL on a quarterly basis. The historical NAPL data (**Table 1**) indicates that measurable quantities of NAPL have previously been found in two onsite shallow monitoring wells (MW-02 and MW-05), one onsite intermediate well (SHMW-02I), and one offsite shallow well (SHMW-04S).

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Non-measurable (trace) amounts of NAPL have historically been found in two onsite shallow wells, MW-03 and MW-04, as well as in offsite shallow well SHMW-06S, and was intermittently found in SHMW-07S. All of the wells identified above in which NAPL has been historically detected were either destroyed or abandoned prior to, or during, remedial activities.

No significant evidence of NAPL has been found in any of the remaining monitoring wells post remediation, excluding SHMW-02IR. No measurable amounts of light non-aqueous phase liquid (LNAPL) and DNAPL had been observed in replacement monitoring wells SHMW-04SR and SHMW-07SR prior to Q4 2014. Since that time, DNAPL was measured at a thickness of approximately 0.13 feet in SHMW-04SR during Q1 2015 and has been measured sporadically and at a maximum thickness of approximately 0.17 feet in SHMW-07SR.

During the reporting period, no DNAPL was observed in SHMW-04SR, however, blebs of DNAPL were observed in SHMW-07SR during each quarterly monitoring event. In Q3 and Q4 2017, approximately one inch and two inches respectively, of DNAPL was measured in SHMW-02IR where a maximum of 1.75 feet was measured in Q4 2015. During Q1 2018, approximately 0.5 feet of DNAPL was measured in SHMW-02IR. Due to the thickness measured, recovery operations were conducted and approximately 0.34 gallons were recovered. SHMW-02IR was inaccessible during the Q2 2018 gauging event. The Quarterly Groundwater Monitoring Reports Q3 2017, Q4 2017, and Q1 2018 (GEI, 2017 & 2018) provide further details of the monitoring results throughout the reporting period, as well as historic results. The results of the NAPL monitoring and recovery conducted for the period April 2018 through June 2018 will be included in the Q2 2018 Quarterly Groundwater Monitoring Report.

## 2.3 Cover System Monitoring

As described in the SMP, a soil and composite cover system placed over the Site and off-Site areas prevents exposure to remaining MGP-related residuals in soil/fill at the Site and off-Site areas. This cover system is comprised of a minimum of 24 inches of clean soil, asphalt pavement, concrete-covered sidewalks, gravel, and/or concrete building slabs. **Figure 4** shows the location of each cover type built at the Site and off-Site Areas. Appendix A of the SMP (AECOM, 2014) presents the Excavation Work Plan (EWP), which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed.

Based on observations from the site inspections (Section 2.5) the cover system appears to be intact.

No disturbances of the cover system that occurred during the current PRR period. However, subsurface sampling was performed by AEI in close proximity to the boundaries of the SMP limits at 5 Ferry Road on March 26, 2018. The sampling was performed in preparation of the property being sold and GEI provided oversight. Five soil samples from different locations and one groundwater were taken around the property's underground storage tank, due to a historical spill. No impacts to the soil or groundwater were observed during the sampling.

## 2.4 Soil Mix Wall DNAPL Barrier Monitoring

There has been no activity or event that is known to have impacted the subsurface remedial infrastructure (SMW DNAPL Barrier Wall) through June 2018.

## 2.5 Site Inspection

An annual inspection of the observable surface conditions of the Site and exposed ECs is required to ensure that the ECs continue to be effective at preventing direct exposure to residual contamination throughout the Site.

The site-wide inspection must be performed on an annual basis and after all severe weather conditions that may affect ECs or monitoring devices to compile sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- An evaluation of the condition and continued effectiveness of ECs;
- General Site conditions at the time of the inspection;
- The Site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection;
- Compliance with permits and schedules included in the Operation and Maintenance Plan; and
- Confirm that Site records are up to date.

GEI completed the required site-wide annual inspection on May 9 and 10, 2018 in accordance with Sections 2, 3 and 5 of the SMP, which included an assessment of the surface conditions and ICs/ECs at the Site and off-Site areas covered by the SMP, that could be visually observed. Overall, the visible portions of the engineering controls at the Site were determined to be in good condition, and there appeared to be only a few changes from the previous inspection. Specific observations include:

- New plantings observed at 11 Bridge Street and 18 Bridge Street properties. These
  plantings were confirmed to not be vegetable gardens as specified in the SMP.
- The northern Off-Site 4 West Water Street property was observed to have renovations
  to the building completed, along with new grass patches and a new gravel covered
  driveway. This work appears to have been mostly aboveground or near surface level
  and there would have been no exposure to potentially deeper MGP-related materials.
  Repair of the cover system appears to be to the required elevation and no SMP
  modification is necessary.
- New asphalt patches were observed in the composite cover on the southern portion of the 2 West Water Street property adjacent to the property building.

National Grid was informed of a change in ownership for the Off-Site area of 2 West Water Street, and a Notification of Site Change of Ownership will be sent to NYSDEC under separate

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cover. The new owner will be informed of the ECs/ICs associated with the property and the responsibilities in accordance with the SMP.

Based on the findings of the Site inspection conducted on May 9 and 10, 2018, all ECs/ICs appear to remain in-place as specified in the SMP for the Site. The Site inspection forms and photo logs are provided in **Appendix A**. The institutional and engineering controls certification form for this reporting period is provided in **Appendix B**.

## 2.6 Property Owner Certifications

National Grid has requested that the Site and off-Site areas property owners complete a certification that to their knowledge the ECs/ICs are in place and no changes have occurred for which NYSDEC and National Grid have not been notified. A copy of the completed certification forms or blank forms (if not yet returned by the property owners) and certified mail requests from National Grid to the property owners to complete the certification are included in **Appendix C**.

## 3. Conclusions

Based on the results of the NYSDEC-approved monitoring and inspection described herein, the engineering controls at the Site are unchanged since they were put in place, continue to perform as designed, and thus remain as effective in protecting human health and the environment. Further, the Site continues to be used in a manner consistent with the Environmental Notice. The completed NYSDEC institutional and engineering controls certification form is provided in **Appendix B**. In accordance with the SMP the 2018-2019 monitoring and inspections will consist of the following:

- Quarterly groundwater monitoring and non-aqueous phase liquid (NAPL) monitoring;
- Annual groundwater monitoring and NAPL monitoring;
- Annual Site-wide inspection.

Additional Site-wide inspections will be performed after any severe weather conditions with the potential to affect the engineering controls or monitoring devices at the Site.

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## **Table**

Well ID	May 2002 Observations	May 2004 Observations	Aug 2004 Observations	Oct 2004 Observations	Nov 2004 Observations	Dec 2004 Observations	Jan 2005 Observations	Feb 2005 Observations	Mar 2005 Observations
MW-01	None Observed	Odor	None Observed	Not Checked	NR	NR	NR	NR	NR
MW-02	Approx. 0.16' of DNAPL, sheen on surface	Approx. 0.15' of DNAPL, sheen on surface	Approx. 0.29' of DNAPL	Approx. 0.2' of DNAPL	Approx. 0.01' of DNAPL, 1.0' intermittent DNAPL	Approx. 0.1' of DNAPL	Approx. 0.11' of DNAPL	Approx. 0.16' of DNAPL	Approx. 0.15' of DNAPL
MW-03	Intermittent DNAPL for 1.5'	Approx. 0.03' of DNAPL, naphthalene-like odor	NR	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape
MW-04	None Observed	Approx. 0.02' of DNAPL, naphthalene-like odor	NR	Trace DNAPL at bottom of tape	None Observed	None Observed	Trace DNAPL at bottom of tape	Not Checked (under snow pile)	None Observed
MW-05	Blebs of LNAPL	Approx. 1.0' of DNAPL, naphthalene-like odor	Approx. 0.75' of DNAPL	Approx. 4.5' of LNAPL/NAPL	Approx. 0.35' of DNAPL, 3.6' intermittent DNAPL	Trace DNAPL at bottom of tape, bubbles in WC	Trace DNAPL at bottom of tape	Approx. 0.6' of DNAPL, approx. 0.02' of LNAPL	Sporadic DNAPL, approx. 0.1' of LNAPL.
MW-06	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR
SHMW- 01S/01SR	None Observed	Slight naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR
SHMW- 01I/01IR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-01D	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02S	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW- 02I/02IR	None Observed	Approx. 4.9' of DNAPL, sheen	Approx. 4.7' of DNAPL	Approx. 4.9' of DNAPL	Approx. 1.0' of DNAPL, 3.0' intermittent DNAPL	Approx. 0.6' of DNAPL	Approx. 0.65' of DNAPL	Approx. 0.5' of DNAPL	Approx. 0.45' of DNAPL
SHMW- 02D/02DR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-03S	None Observed	Odor	NR	NR	NR	NR	NR	NR	NR
SHMW-03I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW- 04S/04SR	None Observed	Approx. 0.6' of DNAPL, naphthalene-like odor	NR	Approx. 0.7' of DNAPL, 2.3' intermittent DNAPL	Approx. 0.55' of DNAPL	Approx. 0.29' of DNAPL	Approx. 0.35' of DNAPL	Approx. 0.22' of DNAPL	Approx. 0.25' of DNAPL
SHMW-04I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW- 05S/05SR	None Observed	Blebs of DNAPL in purge water, odor	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW- 05I/05IR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-06S	Slight sheen and naphthalene-like odor	Naphthalene-like odor	NR	NR	NR	NR	NR	NR	NR
SHMW-06I	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW- 07S/07SR	Sheen and naphthalene-like odor	Slight odor	NR	NR	NR	NR	NR	NR	NR
SHMW- 07I/07IR	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR
SHMW-08S	None Observed	None Observed	NR	NR	NR	NR	NR	NR	NR

Table 1. Summary of Historical NAPL Observations Sag Harbor Former MGP Site Period Review Report - June 23, 2017 - June 23, 2018

Well ID	May 2002 Observations	May 2004 Observations	Aug 2004 Observations	Oct 2004 Observations	Nov 2004 Observations	Dec 2004 Observations	Jan 2005 Observations	Feb 2005 Observations	Mar 2005 Observations
SHMW-08I	None Observed	None Observed	NR						
SHMW-09S	None Observed	Slight naphthalene-like odor	NR						
SHMW-09I	None Observed	None Observed	NR						
SHMW-10S	None Observed	None Observed	NR						
SHMW-10I	None Observed	None Observed	NR						
SHMW-11S	None Observed	None Observed	NR						
SHMW-11I	None Observed	None Observed	NR						
SHMW-12S	None Observed	Sheen, strong sulfur- like odor	NR						
SHMW-12I	None Observed	None Observed	NR						
SHMW-13S	None Observed	None Observed	NR						
SHMW-13I	None Observed	None Observed	NR						

Well ID	Apr/Q1 2005 Observations	Jun/Q2 2005 Observations	Sep/Q3 2005 Observations	Dec/Q4 2005 Observations	Mar/Q1 2006 Observations	Jun/Q2 2006 Observations	Sep/Q3 2006 Observations	Dec/Q4 2006 Observations	Mar/Q1 2007 Observations
MW-01	NR	NR	NR	NR	NR	NR	NR	NR	NR
MW-02	Approx. 0.15' of DNAPL	Trace DNAPL at bottom of tape	Approx. 0.13' of DNAPL	Approx. 0.09' DNAPL, naphthalene-like odor	Approx. 0.01' DNAPL	Approx. 0.12 ' of DNAPL	Approx. 0.15' DNAPL	Approx. 0.10' DNAPL	Approx.0.20' DNAPL
MW-03	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	None, naphthalene- like odor	No DNAPL observed	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	No DNAPL observed	Trace DNAPL (coating on tubes)
MW-04	None Observed	None Observed	Trace DNAPL at bottom of tape	Trace DNAPL at bottom of tape	Trace DNAPL	Trace DNAPL	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)
MW-05	Sporadic DNAPL, approx. 0.1' of LNAPL.	Approx. 3.0' of DNAPL	Approx. 0.75' of DNAPL, approx. 0.12' of LNAPL	DNAPL blebs in purge H2O, 0.5' DNAPL coating on tubes	Approx. 0.15' of DNAPL, approx. 0.1' of LNAPL	Approx. 0.22' DNAPL; 0.05' of LNAPL	Approx. 0.55' DNAPL; 0.06' of LNAPL	Trace LNAPL; DNAPL in purge water (not measurable)	Trace LNAPL; DNAPL in purge water (not measurable)
MW-06	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW- 01S/01SR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW- 01I/01IR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-01D	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02S	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW- 02I/02IR	Approx. 1.1' of DNAPL	Approx. 0.75' of DNAPL	Approx. 0.4' of DNAPL	Approx. 1.3' of	Approx. 0.35' of DNAPL	Approx. 0.43' of DNAPL	Approx. 0.5' of DNAPL		Trace DNAPL (coating on tubes)
SHMW- 02D/02DR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-03S	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-03I	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW- 04S/04SR	Approx. 0.25' of DNAPL	Approx. 0.90' of DNAPL	Approx. 0.26' of DNAPL	Approx. 0.5' DNAPL, naphthalene-like odor	Approx. 0.25' of DNAPL	Approx. 0.5' of DNAPL	Approx. 0.25' of DNAPL	Approx. 0.30' of DNAPL	Approx.0.40' DNAPL
SHMW-04I	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW- 05S/05SR	None Observed	None Observed	None Observed	None Observed	No DNAPL observed	None Observed	None Observed	None Observed	None Observed
SHMW- 05I/05IR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-06S	NR	NR	Trace DNAPL at bottom of tape	Approx. 0.10' DNAPL, naphthalene-like odor	Trace DNAPL	Approx. 0.2' of DNAPL	Approx. 0.2' of DNAPL	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)
SHMW-06I	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW- 07S/07SR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW- 07I/07IR	NR	NR	NR	NR	NR	NR	NR	NR	None Observed
SHMW-08S	NR	NR	NR	NR	NR	NR	NR	NR	None Observed

Table 1. Summary of Historical NAPL Observations Sag Harbor Former MGP Site Period Review Report - June 23, 2017 - June 23, 2018

Well ID	Apr/Q1 2005 Observations	Jun/Q2 2005 Observations	Sep/Q3 2005 Observations	Dec/Q4 2005 Observations	Mar/Q1 2006 Observations	Jun/Q2 2006 Observations	Sep/Q3 2006 Observations	Dec/Q4 2006 Observations	Mar/Q1 2007 Observations
SHMW-08I	NR	None Observed							
SHMW-09S	NR	None Observed							
SHMW-09I	NR	None Observed							
SHMW-10S	NR	None Observed							
SHMW-10I	NR	None Observed							
SHMW-11S	NR	None Observed							
SHMW-11I	NR	None Observed							
SHMW-12S	NR	None Observed							
SHMW-12I	NR	None Observed							
SHMW-13S	NR	None Observed							
SHMW-13I	NR	None Observed							

Well ID	Jun/Q2 2007 Observations	Sep/Q3 2007 Observations	Dec/Q4 2007 Observations	Mar/Q1 2008 Observations	Jun/Q2 2008 Observations	Sep/Q3 2008 Obsevations	Dec/Q4 2008 Obsevations	Mar/Q1 2009 Observations	Jun/Q2 2009 Observations
MW-01	NR	NR	None Observed	None Observed	Trace DNAPL	Trace DNAPL (at bottom of tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-02	Approx.0.07' DNAPL	Approx. 0.11' DNAPL	Approx. ~0.08'	Trace DNAPL	Moderate DNAPL; not measureable	Trace DNAPL	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-03	None Observed	Trace DNAPL (coating on tubes)	Trace	Trace DNAPL (On bottom 1.5' of tubes)	Trace DNAPL	Trace DNAPL (0.05' at bottom of tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-04	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Approx. ~0.02'	NR	Trace DNAPL	Trace DNAPL (at bottom of tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
MW-05	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed
MW-06	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW- 01S/01SR	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW- 01I/01IR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-01D	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW-02S	NI	NI	NI	NI	NI	NI	NI	NI	NI
SHMW- 02I/02IR	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Approx. ~0.60'	Approx. 3' DNAPL	Approx. 1.5' DNAPL	Approx. 4' DNAPL	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW- 02D/02DR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-03S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-03I	NR	NR	None Observed	NR	NR	NR	None Observed	NR	None Observed
SHMW- 04S/04SR	Approx.0.50' DNAPL	Approx. 0.5' DNAPL	Approx. ~0.61'	Approx. 1.05' DNAPL	Approx.0.6' DNAPL	Approx.0.75' DNAPL	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-04I	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW- 05S/05SR	None Observed	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW- 05I/05IR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-06S	Trace DNAPL (coating on tubes)	Trace DNAPL (coating on tubes)	Trace	Trace DNAPL (on tubing)	Trace DNAPL	Trace DNAPL (on tubing)	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW-06I	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Abandoned	Well Abandoned
SHMW- 07S/07SR	NR	NR	Trace	NR	NR	Trace DNAPL (on side of tubing approx 1' off bottom)	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW- 071/07IR	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-08S	NR	NR	None Observed	None Observed	None Observed	None Observed	Well Inaccessible or Abandoned	Well Inaccessible	None Observed

Table 1. Summary of Historical NAPL Observations Sag Harbor Former MGP Site Period Review Report - June 23, 2017 - June 23, 2018

Well ID	Jun/Q2 2007 Observations	Sep/Q3 2007 Observations	Dec/Q4 2007 Observations	Mar/Q1 2008 Observations	Jun/Q2 2008 Observations	Sep/Q3 2008 Obsevations	Dec/Q4 2008 Obsevations	Mar/Q1 2009 Observations	Jun/Q2 2009 Observations
SHMW-08I	NR	NR	None Observed	NR	NR	NR	Well Inaccessible or Abandoned	Well Inaccessible	None Observed
SHMW-09S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	Well Inaccessible	None Observed
SHMW-09I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-10S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-10I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-11S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-11I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-12S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-12I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR
SHMW-13S	NR	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-13I	NR	NR	None Observed	NR	NR	NR	NR	NR	NR

Well ID	Sep/Q3 2009 Observations	Dec/Q4 2009 Observations	Mar/Q1 2010 Observations	Jun/Q2 2010 Observations	Sep/Q3 2010 Observations	Dec/Q4 2010 Observations	Mar/Q1 2011 Observations	Jun/Q2 2011 Observations	Sep/Q3 2011 Observations
MW-01	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-02	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-03	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-04	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
MW-05	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed
MW-06	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW- 01S/01SR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW- 01I/01IR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW-01D	NI	NI	NI	NI	NI	None Observed	None Observed	None Observed	None Observed
SHMW-02S	NI	NI	NI	NI	NI	None Observed	None Observed	None Observed	None Observed
SHMW- 02I/02IR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	Well Damaged	Well Damaged	Well Damaged
SHMW- 02D/02DR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW-03S	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW-03I	NR	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed	None Observed
SHMW- 04S/04SR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Trace LNAPL - DNAPL observed on tubing	Trace LNAPL - DNAPL observed on tubing	Trace LNAPL - DNAPL observed on tubing	None Observed
SHMW-04I	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW- 05S/05SR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW- 05I/05IR	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	None Observed	None Observed	None Observed	None Observed
SHMW-06S	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW-06I	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned
SHMW- 07S/07SR	Trace DNAPL (on side of tubing)	None Observed	None Observed	Well Inaccessible	Well Inaccessible	Trace LNAPL - DNAPL observed on tubing	Trace LNAPL - DNAPL observed on tubing	Trace LNAPL - DNAPL observed on tubing	None Observed
SHMW- 07I/07IR	NR	None Observed (approximately 10 feet of sand present in well)	None Observed (approximately 10 feet of sand present in well)	Well Inaccessible	Well Inaccessible	None Observed	None Observed	None Observed	None Observed
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Table 1. Summary of Historical NAPL Observations Sag Harbor Former MGP Site Period Review Report - June 23, 2017 - June 23, 2018

Well ID	Sep/Q3 2009 Observations	Dec/Q4 2009 Observations	Mar/Q1 2010 Observations	Jun/Q2 2010 Observations	Sep/Q3 2010 Observations	Dec/Q4 2010 Observations	Mar/Q1 2011 Observations	Jun/Q2 2011 Observations	Sep/Q3 2011 Observations
SHMW-08I	NR	None Observed							
SHMW-09S	None Observed	None Observed	Well Inaccessible	None Observed	None Observed	No access	No access	No access	No access
SHMW-09I	NR	None Observed	None Observed	None Observed	None Observed	No access	No access	No access	No access
SHMW-10S	None Observed								
SHMW-10I	NR	None Observed							
SHMW-11S	None Observed								
SHMW-11I	NR	None Observed							
SHMW-12S	None Observed								
SHMW-12I	NR	None Observed							
SHMW-13S	None Observed								
SHMW-13I	NR	None Observed							

Well ID	Dec/Q4 2011 Observations	Mar/Q1 2012 Observations	Jun/Q2 2012 Observations	Sep/Q3 2012 Observations	Dec/Q4 2012 Observations	Mar/Q1 2013 Observations	Jun/Q2 2013 Observations	Sep/Q3 2013 Observations	Dec/Q4 2013 Observations
MW-01	Well Abandoned								
MW-02	Well Abandoned								
MW-03	Well Abandoned								
MW-04	Well Abandoned								
MW-05	Well Destroyed								
MW-06	Well Abandoned								
SHMW- 01S/01SR	None Observed								
SHMW- 01I/01IR	None Observed								
SHMW-01D	None Observed								
SHMW-02S	None Observed								
SHMW- 02I/02IR	None Observed	Approx. 6" of DNAPL							
SHMW- 02D/02DR	None Observed								
SHMW-03S	None Observed								
SHMW-03I	None Observed								
SHMW- 04S/04SR	None Observed								
SHMW-04I	Well Abandoned								
SHMW- 05S/05SR	None Observed								
SHMW- 05I/05IR	None Observed								
SHMW-06S	Well Abandoned								
SHMW-06I	Well Abandoned								
SHMW- 07S/07SR	None Observed								
SHMW- 07I/07IR	None Observed								
SHMW-08S	None Observed								

Table 1. Summary of Historical NAPL Observations Sag Harbor Former MGP Site Period Review Report - June 23, 2017 - June 23, 2018

Well ID	Dec/Q4 2011 Observations	Mar/Q1 2012 Observations	Jun/Q2 2012 Observations	Sep/Q3 2012 Observations	Dec/Q4 2012 Observations	Mar/Q1 2013 Observations	Jun/Q2 2013 Observations	Sep/Q3 2013 Observations	Dec/Q4 2013 Observations
SHMW-08I	None Observed								
SHMW-09S	No access	None Observed	None Observed	None Observed					
SHMW-09I	No access	None Observed	None Observed	None Observed					
SHMW-10S	None Observed								
SHMW-10I	None Observed								
SHMW-11S	None Observed								
SHMW-11I	None Observed								
SHMW-12S	None Observed								
SHMW-12I	None Observed								
SHMW-13S	None Observed								
SHMW-13I	None Observed								

Well ID	Mar/Q1 2014 Observations	Jun/Q2 2014 Observations	Sep/Q3 2014 Observations	Dec/Q4 2014 Observations	Mar/Q1 2015 Observations	June/Q2 2015 Observations	Sep/Q3 2015 Observations	Dec/Q4 2015 Observations	Mar/Q1 2016 Observations
MW-01	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
MW-02	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
MW-03	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
MW-04	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
MW-05	Well Destroyed	Well Destroyed	Well Destroyed	Well Destroyed					
MW-06	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
SHMW- 01S/01SR	None Observed	None Observed	None Observed	None Observed					
SHMW- 01I/01IR	None Observed	None Observed	None Observed	None Observed					
SHMW-01D	None Observed	None Observed	None Observed	None Observed					
SHMW-02S	None Observed	None Observed	None Observed	None Observed					
SHMW- 02I/02IR	None Observed	None Observed	None Observed	None Observed	Approx. 14" of DNAPL	Approx. 19" of DNAPL	Approx. 18" of DNAPL	Approx. 21" of DNAPL*	Approx. 1" of DNAPL
SHMW- 02D/02DR	None Observed	None Observed	None Observed	None Observed					
SHMW-03S	None Observed	None Observed	None Observed	None Observed					
SHMW-03I	None Observed	None Observed	None Observed	None Observed					
SHMW- 04S/04SR	None Observed	None Observed	None Observed	None Observed	Approx. 1.5" of DNAPL	None Observed	None Observed	None Observed	None Observed
SHMW-04I	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
SHMW- 05S/05SR	None Observed	None Observed	None Observed	None Observed					
SHMW- 05I/05IR	None Observed	None Observed	None Observed	None Observed					
SHMW-06S	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
SHMW-06I	Well Abandoned	Well Abandoned	Well Abandoned	Well Abandoned					
SHMW- 07S/07SR	None Observed	DNAPL Blebs on tubing	DNAPL Blebs on tubing	Approx. 1" of DNAPL	None Observed	DNAPL Blebs on tubing	DNAPL Blebs on tubing	DNAPL Blebs on tubing	Approx. 2" of DNAPL
SHMW- 07I/07IR	None Observed	None Observed	None Observed	None Observed					
SHMW-08S	None Observed	None Observed	None Observed	None Observed					

Table 1. Summary of Historical NAPL Observations Sag Harbor Former MGP Site Period Review Report - June 23, 2017 - June 23, 2018

Well ID	Mar/Q1 2014 Observations	Jun/Q2 2014 Observations	Sep/Q3 2014 Observations	Dec/Q4 2014 Observations	Mar/Q1 2015 Observations	June/Q2 2015 Observations	Sep/Q3 2015 Observations	Dec/Q4 2015 Observations	Mar/Q1 2016 Observations
SHMW-08I	None Observed	None Observed	None Observed	None Observed					
SHMW-09S	None Observed	Approx. 0.25" of DNAPL	None Observed	None Observed	None Observed				
SHMW-09I	None Observed	None Observed	None Observed	None Observed					
SHMW-10S	None Observed	None Observed	None Observed	None Observed					
SHMW-10I	None Observed	None Observed	None Observed	None Observed					
SHMW-11S	None Observed	None Observed	None Observed	None Observed					
SHMW-11I	None Observed	None Observed	None Observed	None Observed					
SHMW-12S	None Observed	None Observed	None Observed	None Observed					
SHMW-12I	None Observed	None Observed	None Observed	None Observed					
SHMW-13S	None Observed	None Observed	None Observed	None Observed					
SHMW-13I	None Observed	None Observed	None Observed	None Observed					

Well ID	Jun/Q2 2016 Observations	Sep/Q3 2016 Observations	Dec/Q4 2016 Observations	Mar/Q1 2017 Observations	May/Q2 2017 Observations	Sep/Q3 2017 Observations	Dec/Q4 2017 Observations	Mar/Q1 2018 Observations	Mar/Q1 2018 Observations
MW-01	Well Abandoned								
MW-02	Well Abandoned								
MW-03	Well Abandoned								
MW-04	Well Abandoned								
MW-05	Well Destroyed								
MW-06	Well Abandoned								
SHMW- 01S/01SR	None Observed								
SHMW- 01I/01IR	None Observed								
SHMW-01D	None Observed								
SHMW-02S	None Observed	Not Measured							
SHMW- 02I/02IR	Approx. 4" of DNAPL	Approx. 2.5" of DNAPL	Approx. 4" of DNAPL	Approx. 4" of DNAPL	Approx. 12" of DNAPL	Approx. 1" of DNAPL	Approx. 2" of DNAPL	Approx. 6" of DNAPL	Not Measured
SHMW- 02D/02DR	None Observed	Not Measured							
SHMW-03S	None Observed								
SHMW-03I	None Observed								
SHMW- 04S/04SR	None Observed								
SHMW-04I	Well Abandoned								
SHMW- 05S/05SR	None Observed								
SHMW- 05I/05IR	None Observed								
SHMW-06S	Well Abandoned								
SHMW-06I	Well Abandoned								
SHMW- 07S/07SR	Blebs of DNAPL	DNAPL Blebs on tubing	None Observed	DNAPL Blebs on tubing					
SHMW- 07I/07IR	None Observed								
SHMW-08S	None Observed								

Well ID	Jun/Q2 2016 Observations	Sep/Q3 2016 Observations	Dec/Q4 2016 Observations	Mar/Q1 2017 Observations	May/Q2 2017 Observations	Sep/Q3 2017 Observations	Dec/Q4 2017 Observations	Mar/Q1 2018 Observations	Mar/Q1 2018 Observations
SHMW-08I	None Observed								
SHMW-09S	None Observed								
SHMW-09I	None Observed								
SHMW-10S	None Observed								
SHMW-10I	None Observed								
SHMW-11S	None Observed								
SHMW-11I	None Observed								
SHMW-12S	None Observed								
SHMW-12I	None Observed								
SHMW-13S	None Observed								
SHMW-13I	None Observed								

## **General Notes:**

DNAPL = Dense Non-aqueous Phase Liquid LNAPL = Light Non-aqueous Phase Liquid

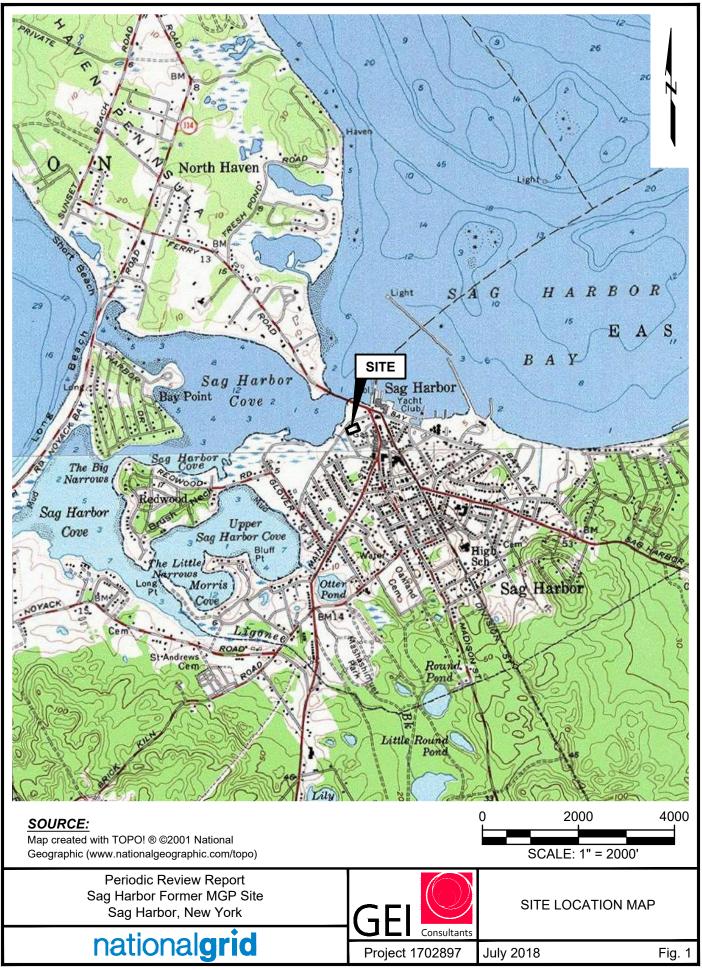
WC = Water Column

NR = Gauging Not Required

NI = Not Installed

PERIODIC REVIEW REPORT-JUNE 23, 2017 - JUNE 23, 2018 SAG HARBOR FORMER MGP SITE NATIONAL GRID JULY 2018 WWW.SAGHARBORMGPSITE.COM

## **Figures**





## **LEGEND:**

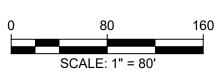
LIMITS OF SMP

APPROXIMATE PROPERTY LIMITS

LIMITS OF FORMER MGP

#### SOURCE:

1. PLAN BASED ON MAP PREPARED BY AECOM TITLED SITE AND OFF-SITE AREAS, DATED 07/28/17.



Periodic Review Report Sag Harbor Former MGP Site Sag Harbor, New York

## nationalgrid

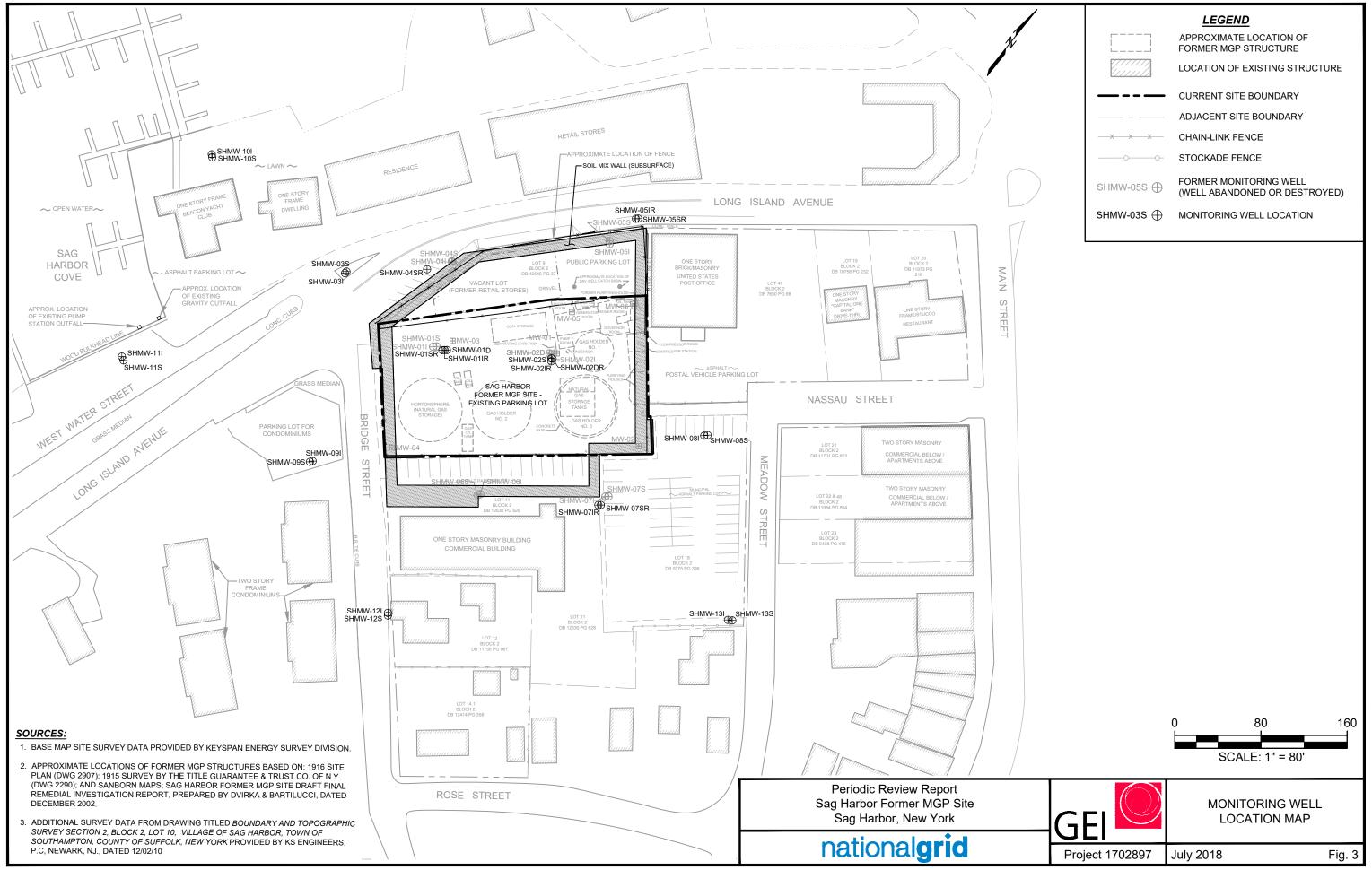


SITE AND OFF-SITE AREAS

Project 1702897

July 2018

Fig. 2





## LEGEND:

IMP (CC BUI

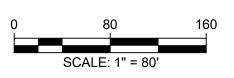
PERVIOUS AND IMPERVIOUS COVER SYSTEM

IMPERVIOUS COVER SYSTEM (CONCRETE, ASPHALT, AND BUILDING FOUNDATIONS)

PERVIOUS COVER (SOIL AND GRAVEL)

#### SOURCE:

1. PLAN BASED ON MAP PREPARED BY AECOM TITLED SOIL AND COMPOSITE COVER SYSTEM LOCATIONS, DATED 07/28/17.



Periodic Review Report Sag Harbor Former MGP Site Sag Harbor, New York

# nationalgrid



ENGINEERING CONTROLS LOCATION

Project 1702897

July 2018

Fig. 4

PERIODIC REVIEW REPORT-JUNE 23, 2017 - JUNE 23, 2018 SAG HARBOR FORMER MGP SITE NATIONAL GRID JULY 2018 WWW.SAGHARBORMGPSITE.COM

## Appendix A

**Site-wide Inspection forms and Photo Logs** 

# Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: $5 \quad \Im 2 \cdot \Im (\mathcal{E} \supset 7)$

<u>Type</u>	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	COUCHDUD	NA	5/10/13	152	42741184
	Building Slabs and Floor	1		1111	1	NO CUANGES 055000
	Pavements					IN PARKING AREA
	Underground Services					TO PICEING TYON
	New Structures					
	Monitoring Wells					
		1	4	1		
Physical	Site Fences	DECURSOR	NA	5/10/18	25	
	Topography	000000	1	3 1. 1.0		* * *
	Surface Drainage					
	Depressions					
	Vegetation				++-	
	Ground Cover			*	+	
	Surface Soil					
		1 0	7		1	
Contamination	Odors	NON	NA	P.1012	25	<del></del>
	Staining	1	1	111	1	
	Sheens	1			1-1-	
		1 1			11	
perty Owner/ Representative	New	No	NA	5/0/18	52	-
	Interview	100	17	1	1	
		100			4	- V V
		^				
Inspection and Interview						
Acknowledgement	Signature/Dat	. 1	/ 0			
	5-19th Q Date	1	e July	^		
	Nam	e Rossozi	7 5	PANCIAOTINA		
			J -	LINGAN WY		
		National Grid/Represen	itative		Prop	perty Owner/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## 5 Bridge Street: Photo Log

Photo 1 – Soil cover on the northeast corner of the property.



Photo 2 – SHMW-2 cluster including DNAPL recovery well.



Photo 3 – Soil cover on northern portion of property. Excavators and stone stockpiles present on-site for Town storage. No evidence of excavation activities occurring on the Site or Off-Site properties was observed.



Photo 4 – Soil cover on southern portion of property from southeastern corner.



## Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: 30.06 S1

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	MUCHAUGES	SUCHADIES	5/10/8	52	HIGHICE OF CO GOT CN
	Building Slabs and Floor			111		MANY PERO OBSTRUED
	Pavements					
	Underground Services					Nothing New To SITE OBSERUED
	New Structures					100 1 100 100 100
	Monitoring Wells		~			
		I		4	0	
Physical	Site Fences	UDCHADILIE	NA	5/10/18	125	
(5) (c. 11. → 16) (c. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Topography	)	1	2/, 1,	1	DEN JEGITATO OSSERVED
	Surface Drainage				+1'	Planting 10 CALOUS
	Depressions				++-+	POT THE TO CACO
	Vegetation				+	
	Ground Cover				+	
	Surface Soil				-	
				4		
Contamination	Odors	Bual	NA	5/0/8	25	NO ODES OF JADIC LIKE OBSEY
	Staining	1		1		のひからから
	Sheens	1-7-				
			1 7	l V	7	
roperty Owner/ Representative	New	1000	LA	5/10/12	1851	Pha
	Interview	10001-	NA	'\		
				7	7	
Inspection and Interview	T					
Acknowledgement	Signature/Da	te: Kel-3	Luf			
	Nan	ne:	hulnt		_	
		National Gud/Represe	ntative			Property Owner/Representative

Notes:

Status - Modified/Unchanged

Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## 11 Bridge Street: Photo Log

Photo 1 – Composite cover on the northwestern portion of the property.



Photo 2 — Composite cover and landscaping along the northern portion of the property.



Photo 3 – Landscaping along northeastern corner of the property.



Photo 4 – Composite cover over the eastern portion of the property.



# Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: 15 B21966 ST

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	UNCHADOD	VIDUPAGUE	5191.9	22	
	Building Slabs and Floor	1		111	1	NO NEW ADDITIONS WERE
	Pavements					02568060
	Underground Services					0,000
	New Structures					
	Monitoring Wells					
			V		1	
			l			<del></del>
Physical	Site Fences	Quentiales ()	Upurauco	5/9/3	25	<del></del>
Fil (1984 - 1983) and 1995	Topography	1	1	0 110	1	
	Surface Drainage	1			+++	
	Depressions		J		1 1	<del></del>
	Vegetation		New			NEW VEHILLOU DEADLE ADTS!
	Ground Cover	Upannous	DOMANICO		++-+	PLANTING NOW MOLLY FOR GARDENY
	Surface Soil	1	177		++-	LOBASSUO THUSONITON SITE
		1	1		1	-03522000 17:001 01 10
Contamination	Odors	12200	NA	5/9/18	20	NONE OPENED
	Staining	10,20	7	21/1.0	1	TODE OFFICE
	Sheens			1		· · · · · · · · · · · · · · · · · · ·
		1 1		7		<del></del>
			1 7 1		1 1	
operty Owner/ Representative	New	120	NA	5/9/18	as	
	Interview	130	LA.		1	· · · · · · · · · · · · · · · · · · ·
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Inspection and Interview						
Acknowledgement	Signature/Dat	2/1	0			
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		19.0	Ju.,			
	Nam	ne:	) ~ ~ ~	SAUNGE	د	
			20967 7	CHUNDON		
		National Grid/Represe	ntative		Pr	roperty Owner/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

### 18 Bridge Street: Photo Log

Photo 1 – Composite cover, landscaping, and condominiums along the eastern portion of the property.



Photo 2 – Composite cover system/parking lot on the northern portion of the property.



Photo 3 – Composite cover and Bridge Street along the eastern portion of the property.



Photo 4 – Composite cover/landscaping between northern parking lot and condominiums on property.



# Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: 7 WMW 5 T

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	Operation	Woundows	519/18	VS.	/
	Building Slabs and Floor		1	1,1		from PAST DICTURES OBSERVED.
	Pavements				11	NO CHANGE TO BOILDING
	Underground Services					No compact to minute
	New Structures				111	
	Monitoring Wells			5	+	
		1			14	
Physical	Site Fences	December	Discharge	5/9/18	12	
	Topography	1		113	1	
	Surface Drainage	7	7			<del></del>
	Depressions	New	BLALKTOD			? NEW BLACKTOP & FRONT OF BULDING 105T
	Vegetation	UNCHANGE	الكلاملانه		1 1	DATH COWER WITCH POSSIBLE
	Ground Cover	1	1		+	pring source for loc facility
	Surface Soil					
			1		1	
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Contamination	Odors	1000	NA	5/9/18	25	Whe Objecto
	Staining		1	7110		Jose Oppicer
	Sheens					
		1 7	7	4 .	1	
			· · · · · · · · · · · · · · · · · · ·			
operty Owner/ Representative	New	100	NA	5/9/18	105	
	Interview	20	NA.	-3/		, , , , , , , , , , , , , , , , , , , ,
				7	7	
Inspection and Interview						
Acknowledgement	Signature/Da	te:	0			
		/Km 2	my			
	Culture	h				
	Nan	10: 20860	1 3 SA	KNASKY		
		National Grid/Represer	tative	ON COUNTY		D
		ivational Grid/Represen	itative		ŀ	Property Owner/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## 2 West Water Street: Photo Log

Photo 1 – Building present at southern portion of 2 West Water Street property, unchanged from previous inspection.



Photo 2 – New asphalt patch located within composite cover on southern portion of 2 West Water Street.



Photo 3 – Other new asphalt patch within composite cover located next to the building.



Photo 4 – Property and composite cover at southern portion of 2 West Water Street from a distance.



# 

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	KUNNATED	NEWUX	5 10 15	RS	DISCOURTED OBSELVED
	Building Slabs and Floor	COUNTRO	NA	111.	1	
	Pavements	None	NK			
	Underground Services	OUCHPUCO	NA			
	New Structures	100	NA			
	Monitoring Wells	Do.	, DA	7	7	
Physical	Site Fences					
Physical					-	
	Topography Surface Drainage		<del></del>	-	-	
	Depressions					
	Vegetation					
	Ground Cover					NEW GOASS PATCHES
	Surface Soil					NEN GERNEL DEIDE WYY
						COUSDES YTH SUCCESTAL FEAR
Contamination	Odors	NONE	Dr.	5/10/18	25	
	Staining			1/ ,		
	Sheens					
		7	7	7	7	
operty Owner/ Representative	New					
	Interview					
			0			
Inspection and Interview Acknowledgement	Signature/Dat	e: R	nlat 5			
	Nam			s Sakulus	V13	
		National Grid/Represer	ntative		Pro	operty Owner/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## 4 West Water Street: Photo Log

Photo 1 –
Composite cover on the southern portion of 4 West Water Street.
Renovations to the building, and new gravel driveway and grass patches noted.



# Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: 5 Joseph September 1987

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	() NCHAOLES	1712	5/0/18	125	
	Building Slabs and Floor	UNCHANCED	1			
	Pavements					
	Underground Services					
	New Structures					
	Monitoring Wells					
				· · · · · · · · · · · · · · · · · · ·		and the same of th
Physical	Site Fences	Comman	Uningrapio	5/0/13	25	
	Topography		3	11	11	
	Surface Drainage					
	Depressions					
	Vegetation					
	Ground Cover					
	Surface Soil					
			V	4	1	
**************************************						
Contamination	Odors	1206	DR	5/0/3	125	<del></del>
	Staining	1		1, 1:	Triber 1	
	Sheens	-	1			· · · · · · · · · · · · · · · · · · ·
		1 3	7	7	1	
roperty Owner/ Representative	New	ai	.DA	5/0/0	75	· · · · · · · · · · · · · · · · · · ·
	Interview	120	NA.	110		
			12.1	0,		
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Inspection and Interview			C			
Acknowledgement	Signature/Da	ite: W	luf -		-	
	Nan	ne: Ros	ber Sx	באצינוטא		
		National Grid/Represer	ntative		Property Owner	r/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

### 8 West Water Street: Photo Log

Photo 1 – Composite cover system and Sag Harbor Cove Yacht Club on the southern portion of the 8 West Water Street. No changes to the building from previous inspection observed.



Photo 2 – Composite cover system and dock on northern portion of the property.



# Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: 22 Lowy Lowo And

Type	Inspection Task	Status	Condition	Date Completed	Initials		Remarks	
Infrastructure	Building (s)	VIDENADOUD	CHANGED	5918	20	AU	54005	1925
	Building Slabs and Floor		1	41/1		1,-	•	
	Pavements					No CHAOGE	- WAS 08568080	
	Underground Services							
	New Structures							
	Monitoring Wells							
		1	- 0	1	-			
	7/			1 \		- 2		100.0
Physical	Site Fences	UNCHARCO	CACHANGO	5918	(3)	1) 4()	ANGED	
	Topography	1	1	1	1			
	Surface Drainage							7761
	Depressions							
	Vegetation							
	Ground Cover							
	Surface Soil							
			7	V .	U			
	<u> </u>							
Contamination	Odors	None	NA	5/9/18	52	12001	5 03566160	
	Staining	1	1	1/1	1	10.		
	Sheens	1						
			7	1	1			
pperty Owner/ Representative	New	120	NA	5 9/18	125			
	Interview	20	NA.					
					0			
		$\wedge$						
Inspection and Interview								
Acknowledgement	Signature/Date	0 / 1/3						
		12 Junes						
		1.0						-
	Name	Rofber	7 SAVAI	AUNTS				
				A-12-1-1				

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## 22 Long Island Avenue: Photo Log

Photo 1 – Composite cover and commercial building on the southern portion of the property



Photo 2 – Composite cover and commercial building on the eastern portion of the property.



## Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: 3) LOUS ISLAND ANE

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	NX	とうひと	5/9/18	25	SITE LOOKS VIRTURY
	Building Slabs and Floor	NA	عادر	111		7.6hU 300,0 00000000000000000000000000000000
	Pavements	NA	300			01556060
	Underground Services	JUPIN OU	Upanibas			
	New Structures	アルシに	NA			
	Monitoring Wells	NA	AU AU			
			-		1	
Physical	Site Fences	USUANCE	JOURNOUS	5 3118	27	reduced to Genes ARRA
	Topography			7,1		
	Surface Drainage					
	Depressions					
	Vegetation					
	Ground Cover					
	Surface Soil					
Contamination	Odors	שממן	NA	NA	25	Nove observe
	Staining		. 1			
	Sheens		- \		1	
operty Owner/ Representative	New	120	NK	NA	25	
	Interview	No				
·						
Inspection and Interview					***	
Acknowledgement	Signature/Dat	7086e7	5 SAL	la usuaj		
	Nam	ROBERT	3 SAKN	L4 05 VAS 425145		
		National Grid/Represer	ntative		Property	Owner/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## 31 Long Island Avenue: Photo Log

Photo 1 – Composite cover system of property.



Photo 2 – Composite cover and sidewalk along Long Island Avenue.



# Annual Inspection Checklist and Certification National Grid Former Sag Harbor MGP Site Sag Harbor, New York Property: USPS

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	Uninteres	NA	5/10/13	2>	NO ADDITIONS TO BOILDING
	Building Slabs and Floor			1 '\		O BSECUED
	Pavements					
	Underground Services					
	New Structures					
	Monitoring Wells	1-1-1	1		7	
Physical	Site Fences	OURHUGO	NA	5/10/18	8.5	No New Vegittes OBERRED
	Topography					great 1999-00
	Surface Drainage					No New BULLIAGO OBSERVICO
	Depressions					
	Vegetation					
	Ground Cover					
	Surface Soil	1-1-1		1	7	
				1 1		
Contamination	Odors	しついい	N	5/0/18	SZ2	DO ODES OF UNDER OBSERVED
	Staining			111		
	Sheens					
			7	7	7	<del></del>
				11		
pperty Owner/ Representative	New	120	NA.	2/10/18	Q5	
	Interview	100	NA	1	1-7	
Inspection and Interview						
Acknowledgement	Signature/Dat	PUS "	rlunt		_	
	Nam	KASEE		AU>VNS	_	
		National Grid/Represen	tative		Prop	perty Owner/Representative

Notes:

Status - Modified/Unchanged Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## Sag Harbor United States Post Services Office: Photo Log

Photo 1 – Composite cover on the western portion of the property.



Photo 2 – Composite cover on the eastern portion of the property.



Photo 3 – Composite cover and rear of the USPS building on the southern portion of the property. No changes to the building from the previous inspection observed.



Photo 4 – Composite cover and front of the USPS building on the northern portion of the property on Long Island Avenue.



# 

Type	Inspection Task	Status	Condition	Date Completed	Initials	Remarks
Infrastructure	Building (s)	Victoriales	NA	5/0/18	25	
	Building Slabs and Floor	13	1	3 /		Noture Now Was OBSERRED
	Pavements					
	Underground Services					SMALL ADVALT DATELY AT
	New Structures					Tuter Section of Long Island Aug
	Monitoring Wells				7	& Beidgest.
		9				
75 5.6	•					
Physical	Site Fences	Openado	NA	5/10/19	7.5	No 74106 NEW 0850000
	Topography	3	1	1	1	0.000
	Surface Drainage					
	Depressions					
	Vegetation					
	Ground Cover					
	Surface Soil					
			7			
				1 1		
Contamination	Odors	1200	NK	5/10/13	D>	
	Staining	117	,,,	111	1	
	Sheens				+++	
			7	1 1	1	
roperty Owner/ Representative	New	120	121	5/0/3	05	
	Interview	130	NA	1 110		
			- 19		13	
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Inspection and Interview						
Acknowledgement	Signature/Da	te: 2 \ S	· 0			
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	Nan	ne: ROR	1 - M	COUNTY		
		1409	OUT SA	(000)0/5		2 72
		National Grid/Represen	itative		Prop	perty Owner/Representative

Notes:

Status - Modified/Unchanged

Condition - Unchanged/Deteriorated

Interview - Work completed during the previous year and future plans

## Sag Harbor Right of Ways: Photo Log

Photo 1 – Composite cover over the public parking lot.



Photo 2 – SHMW-04SR well on Long Island Avenue facing west.



Photo 3 – Monitoring wells SHMW-13S/I on fork between Long Island Avenue and West Water Street.



Photo 4 – Monitoring wells SHMW-05S/IR on Long Island Avenue facing east.



PERIODIC REVIEW REPORT-JUNE 23, 2017 - JUNE 23, 2018 SAG HARBOR FORMER MGP SITE NATIONAL GRID JULY 2018 WWW.SAGHARBORMGPSITE.COM

## **Appendix B**

NYSDEC Institutional and Engineering Controls Certification Form



# Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Site Details Box 1 Site No. 152159 Site Name K - Sag Harbor MGP Site Address: Bridge Street Zip Code: 11963 City/Town: Sag Harbor County: Suffolk Site Acreage: 0.8 Reporting Period: June 23, 2017 to June 23, 2018 YES NO Is the information above correct? X If NO, include handwritten above or on a separate sheet. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? X 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? X 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? X If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form. 5. Is the site currently undergoing development? X Box 2 YES NO 6. Is the current site use consistent with the use(s) listed below? X 7. Are all ICs/ECs in place and functioning as designed? X IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue. A Corrective Measures Work Plan must be submitted along with this form to address these issues. (Representative for National Grid) 7/13/18 Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 152159 Box 3

**Description of Institutional Controls** 

Parcel

Owner

002.000-0002-009.000

Diane and Deborah Schiavoni

Institutional Control

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

Monitoring Plan IC/EC Plan

Site Management Plan

Environmental Easement which includes a groundwater use restriction, a landuse restriction of restricted residential use; and a Site Management Plan which includes an IC/EC plan, soil management plan, groundwater monitoring plan, and an O&M plan for NAPL collection.

002.000-0002-010.000

Long Island Lighting Co.

Soil Management Plan Site Management Plan Monitoring Plan O&M Plan IC/EC Plan

Ground Water Use Restriction Landuse Restriction

Environmental Easement which includes a groundwater use restriction, a landuse restriction of restricted residential use; and a Site Management Plan which includes an IC/EC plan, soil management plan, groundwater monitoring plan, and an O&M plan for NAPL collection.

002.000-0002-011.000

Freddie Bernheim

Site Management Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction

Environmental Easement which includes a groundwater use restriction, a landuse restriction of restricted residential use; and a Site Management Plan which includes an IC/EC plan, soil management plan, groundwater monitoring plan, and an O&M plan for NAPL collection and vapor mitigation.

Box 4

#### **Description of Engineering Controls**

Parcel

**Engineering Control** 

002.000-0002-009.000

Vapor Mitigation Cover System Subsurface Barriers

Soil Cover in place, ISS barrier wall, NAPL collection, and Groundwater monitoring.

002.000-0002-010.000

Leachate Collection Subsurface Barriers Cover System

Soil Cover in place, ISS barrier wall, NAPL collection, and Groundwater monitoring.

002.000-0002-011.000

Vapor Mitigation Cover System Subsurface Barriers

Parel	1	

#### Engineering Control

Soil Cover in place ISS barrier wall, NAPL collection, vapor mitigation, and Groundwater monitoring.

Box 5

#### Periodic Review Report (PRR) Certification Statements

- 1 I certify by checking "YES" below that.
  - a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
  - b) to the best of my knowledge and belief the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete

YES NO

X

- 2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:
  - (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in place or was last approved by the Department;
  - (b) nothing has occurred that would impair the ability of such Control to protect public health and the environment.
  - (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control.
  - (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
  - (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

X

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Chi Mui (F

(Representative for National Grid)

7/13/18

Signature of Owner, Remedial Party or Designated Representative

Date

#### IC CERTIFICATIONS SITE NO. 152159

Box 6

#### SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

	untington Station, NY 11746 ss
entative of the Remedial Party	(Owner or Remedial Party)
Section of this form.	
Section of this form.	W **
	print business addre entative of the Remedial Party

#### IC/EC CERTIFICATIONS

Box 7

Date

#### **Professional Engineer Signature**

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

Daniel Kopcow	1301 Trumansburg Road, Suite N, Ithaca, NY 14850
print name	print business address
am certifying as a Professional Engineer fo	or the Remedial Party
	(Owner or Remedial Party)
Aurl	OF NEW PORTON PROPERTY OF THE

Stamp

(Required for PE)

Signature of Professional Engineer, for the Owner or

Remedial Party, Rendering Certification

# Enclosure 3 Periodic Review Report (PRR) General Guidance

- I. Executive Summary: (1/2-page or less)
  - A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
  - B. Effectiveness of the Remedial Program Provide overall conclusions regarding;
    - 1. progress made during the reporting period toward meeting the remedial objectives for the site
    - 2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
  - C. Compliance
    - 1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
    - 2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
  - D. Recommendations
    - 1. recommend whether any changes to the SMP are needed
    - 2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
    - 3. recommend whether the requirements for discontinuing site management have been met.
- II. Site Overview (one page or less)
- A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature extent of contamination prior to site remediation.
  - B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

- IV. IC/EC Plan Compliance Report (if applicable)
  - A. IC/EC Requirements and Compliance
    - 1. Describe each control, its objective, and how performance of the control is evaluated.
    - 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
    - 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
    - 4. Conclusions and recommendations for changes.
  - B. IC/EC Certification
    - 1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
  - A. Components of the Monitoring Plan (tabular presentations preferred) Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
  - B. Summary of Monitoring Completed During Reporting Period Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
  - C. Comparisons with Remedial Objectives Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
  - D. Monitoring Deficiencies Describe any ways in which monitoring did not fully comply with the monitoring plan.
  - E. Conclusions and Recommendations for Changes Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
  - A. Components of O&M Plan Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
  - B. Summary of O&M Completed During Reporting Period Describe the O&M tasks actually completed during this PRR reporting period.
  - C. Evaluation of Remedial Systems Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

#### VII. Overall PRR Conclusions and Recommendations

- A. Compliance with SMP For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
  - 1. whether all requirements of each plan were met during the reporting period
  - 2. any requirements not met
  - 3. proposed plans and a schedule for coming into full compliance.
- B. Performance and Effectiveness of the Remedy Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- C. Future PRR Submittals
  - 1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
  - 2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

#### VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

PERIODIC REVIEW REPORT-JUNE 23, 2017 - JUNE 23, 2018 SAG HARBOR FORMER MGP SITE NATIONAL GRID JULY 2018 WWW.SAGHARBORMGPSITE.COM

## **Appendix C**

**Property Owner Certification Forms** 



June 12, 2018

Freddie and Gale Bernheim 5709 N Ocean Boulevard Ocean Ridge, FL 33435

Re: 11 Bridge Street, Sag Harbor, NY

Dear Mr. & Mrs. Bernheim:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the provided envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at sarah.aldridge@nationalgrid.com.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\Bernhiem - 11 Bridge Street\Bernhiem Letter.docx



Property:	11 Bridge Street, Sag Harbor, NY	
Owner:	Freddie and Gale Bernheim, 5709 N. Ocean Boulevard, Ocean Ridge, FL 33435	

This form is required by the Site Management Plan (SMP) Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Engineering Controls (ECs):			Comments (If yes, list property and explain response.)		
Soil Cover System (SCS): (SCS is over 6-inches of	certified clean soil and/or gravel				
Were there any changes to the SCS in the past cale	ndar year?	Yes	No	NA	
Were any new buildings and structures built?		Yes	No	NA	
Was there any utility construction:		Yes	No	NA	
Were any breaches of the SCS observed (e.g., in the	e soil or gravel cover)?	Yes	No	NA	
Are there any vegetable gardens on the property(ies	?	Yes	No	NA	
Institutional Controls (ICs): Property Use:					
Has land use/zoning changed from "Restricted Resid	lential"?	Yes	No	NA	
Is groundwater beneath the property used for any pu	rpose?	Yes	No	NA	
Subsurface Work and Property Development:					
Were new buildings evaluated for vapor intrusion/ind	oor air quality?	Yes	No	NA	
Were disturbances to the subsurface performed in a	ccordance with the excavation Work Plan Appendix A of the SMP?	Yes	No	NA	
I certify that all information and statements in this ce	tificate form are accurate, complete and true.	Yes	No	NA	
Signature:	Date:				shalf of the Property Owner has represented to National Grid that he or she
Print Name:	Title:	has the authori	ity to act on be	nait of the Ov	wner, and National Grid is relying on this representation.



June 12, 2018

Harbor Close Condominium 18 Bridge Street Sag Harbor, New York 11963

Re: 18 Bridge Street, Sag Harbor, NY

To Whom It May Concern:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at <u>sarah.aldridge@nationalgrid.com</u>.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\Harbor Close - 18 Bridge Street\Harbor Close Condominium Letter.docx



The person signing this Certification on behalf of the Property Owner has represented to National Grid that he or she

has the authority to act on behalf of the Owner, and National Grid is relying on this representation.

Property:	18 Bridge Street, Sag Harbor, NY (Harbor Close Condominium)	
Owner:	c/o Mr. Bob Guzewicz, Property Manager, Morley Property Management, Inc., 32 Hampton Road, Southampton, NY 11968	

This form is required by the Site Management Plan (SMP) Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Owner, indicate Yes, No, or Not Applicable (NA) for each item with regard to the previous year (June 23, 2017 to June 23, 2018). If Yes, add a comment about the item. Additional comments can be attached to this page. Engineering Controls (ECs): Comments (If yes, list property and explain response.) Soil Cover System (SCS): (SCS is over 6-inches of certified clean soil and/or gravel Were there any changes to the SCS in the past calendar year? Were any new buildings and structures built? Was there any utility construction: Were any breaches of the SCS observed (e.g., in the soil or gravel cover)? Are there any vegetable gardens on the property(ies)? Institutional Controls (ICs): Property Use: Has land use/zoning changed from "Restricted Residential"? is groundwater beneath the property used for any purpose? Subsurface Work and Property Development: Were new buildings evaluated for vapor intrusion/indoor air quality? Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP? I certify that all information and statements in this certificate form are accurate, complete and true. Yes X No



June 12, 2018

Greystone Development 152 W 57<sup>th</sup> Street Suite 60 New York, New York 10019

Re: 2 West Water Street, Sag Harbor, NY

To Whom It May Concern:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at sarah.aldridge@nationalgrid.com.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures



2 West Water Street, Sag Harbor, NY	Vest Water Street, Sag Harbor, NY
2 West Water Street, Sag Harbor, N	Vest Water Street, Sag Harbor, N

Owner: Jay Bialsky, P.O.Box 543, Sagaponack, New York 11962

This form is required by the Site Management Plan (SMP) Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Engineering Controls (ECs):				Comments (If yes, list property and explain response.)
Soil Cover System (SCS): (SCS is over 6-inches of certified clean soll and/or gravel				
Were there any changes to the SCS in the past calendar year?	Yes	No i	NA	- April - Apri
Were any new buildings and structures built?	Yes	No	NA	
Was there any utility construction:	Yes	No.	NA	
Were any breaches of the SCS observed (e.g., in the soil or gravel cover)?	Yes	No_V	NA	
Are there any vegetable gardens on the property(ies)?	Yes	No.	NA	
Institutional Controls (ICs): Property Use:				
Has land use/zoning changed from "Restricted Residential"?	Yes	No	NA	
is groundwater beneath the property used for any purpose?	Yes	No.	NA	
Subsurface Work and Property Development:		7		
Were new buildings evaluated for vapor intrusion/indoor air quality?	Yes	No	NA	
Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP?	Yes	No	NA 🗸	
I certify that all information and statements in this certificate form are accurate, complete and true.	Yes	No	NA	
Signature:  Print Name: Jay Bialsky Title: Managing Member  Managing Member				of the Property Owner has represented to National Grid that he or she has the ational Grid is relying on this representation.



June 12, 2018

Paul Glickman 15 West Way Chappaqua, New York 10514

Re: 4 West Water Street, Sag Harbor, NY

Dear Mr. Glickman:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at sarah.aldridge@nationalgrid.com.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

 $I: Tech \\ Environmental\ Projects \\ National\ Grid \\ OMM\ Downstate \\ 13\ Sites \\ Sag\ Harbor \\ PRR\\ Property\ Owner\ Letters \\ Glickman\ -4\ West\ Water\ Street\\ Glickman\ Letters. \\ Glickman\ Letters.$ 



Property:	4 West Water Street, Sag Harbor, NY
Owner:	Paul Glickman - 15 West Way, Chappagua, NY 10514

This form is required by the Site Management Plan (SMP) Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Engineering Controls (ECs): Soil Cover System (SCS): (SCS is over 6-inches of certified clean soil and/or gravel					Comments (If yes, list property and explain response.)
Were there any changes to the SCS in the past calen	Ţ	Yes	No	NA	
Were any new buildings and structures built?		Yes	No	NA	
Was there any utility construction:		Yes	No	NA	
Were any breaches of the SCS observed (e.g., in the	soil or gravel cover)?	Yes	No	NA	
Are there any vegetable gardens on the property(ies)	?	Yes	No	NA	_
Institutional Controls (ICs): Property Use:					
Has land use/zoning changed from "Restricted Resident	ential"?	Yes	No	NA	_
Is groundwater beneath the property used for any pur	pose?	Yes	No	NA	
Subsurface Work and Property Development:					
Were new buildings evaluated for vapor intrusion/indo	oor air quality?	Yes	No	NA	
Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP?		Yes	No	NA	
I certify that all information and statements in this certificate form are accurate, complete and true.		Yes	No	NA	
Signature:	Date:				ehalf of the Property Owner has represented to National Grid that he or she
Print Name:	Title:	nas ine autnor	ity to act on be	enan or the O	owner, and National Grid is relying on this representation.



June 12, 2018

Beau Campsey SGI Marinas, LLC 3333 New Hyde Park Road New Hyde Park, New York 11042

Re: 8 West Water Street, Sag Harbor, NY

Dear Mr. Campsey:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the provided envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at sarah.aldridge@nationalgrid.com.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\Campsey - 8 West Water Street\Campsey Letter.docx



Property: 8 West Water Street, Sag Harbor, NY

Owner: Beau Campsey - SGI Marinas, LLC, 3333 New Hyde Park Rd., New Hyde Park, NY 11042

This form is required by the Site Management Plan (SMP) Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Engineering Controls (ECs):			Comments (If yes, list property and explain response.)		
Soil Cover System (SCS): (SCS is over 6-inches of certified	clean soil and/or gravel				
Were there any changes to the SCS in the past calendar year	?	Yes	No	NA	-
Were any new buildings and structures built?		Yes	No	NA	
Was there any utility construction:		Yes	No	NA	-
Were any breaches of the SCS observed (e.g., in the soil or g	ravel cover)?	Yes	No	NA	
Are there any vegetable gardens on the property(ies)?		Yes	No	NA	-
Institutional Controls (ICs): Property Use:					
Has land use/zoning changed from "Restricted Residential"?		Yes	No	NA	-
Is groundwater beneath the property used for any purpose?		Yes	No	NA	
Subsurface Work and Property Development:					
Were new buildings evaluated for vapor intrusion/indoor air qu	uality?	Yes	No	NA	-
Were disturbances to the subsurface performed in accordance	e with the excavation Work Plan Appendix A of the SMP?	Yes	No	NA	
I certify that all information and statements in this certificate for	orm are accurate, complete and true.	Yes	No	NA	-
Signature:	Date:				half of the Property Owner has represented to National Grid that he or she
Print Name:	Title:	nas ine authon	iy io aci on be	nan or the OV	wner, and National Grid is relying on this representation.



June 12, 2018

Harry Klein United States Postal Service 21 Long Island Avenue Sag Harbor, New York 11963

Re: 21 Long Island Avenue, Sag Harbor, NY

Dear Mr. Klein:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at <a href="mailto:sarah.aldridge@nationalgrid.com">sarah.aldridge@nationalgrid.com</a>.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\USPS - 21 Long Island Avenue\USPS Sag Harbor Letter.docx



Property: 21 Long Island Avenue, Sag Harbor, NY

Print Name: RaBott Brachu

Owner: c/o Harry Klein, United States Postal Service, 21 Long Island Avenue, Sag Harbor NY 11963

This form is required by the Site Management Plan Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.1 Notifications for additional details.

Owner, indicate Yes, No, or Not Applicable (NA) for each item with regard to the previous year (June 23, 2017 to June 23, 2018). If Yes, add a comment about the item. Additional comments can be attached to this page.

Soil Cover System (SCS): (SCS is over 6-inches of certified clean soil and/or gravel				Comments (If yes, list property and explain response.)
Were there any changes to the SCS in the past calendar year?	Yes	No_	NA	
Were any new buildings and structures built?	Yes	No_:_	NA	
Was there any utility construction:	Yes	No/	NA	
Were any breaches of the SCS observed (e.g., in the soil or gravel cover)?	Yes	No :	NA	
Are there any vegetable gardens on the property(ies)?	Yes	No_	NA	
Institutional Controls (ICs): Property Use:				
Has land use/zoning changed from "Restricted Residential"?	Yes	No.	NA	
Is groundwater beneath the property used for any purpose?	Yes	No:	NA	
Subsurface Work and Property Development:				
Were new buildings evaluated for vapor intrusion/indoor air quality?	Yes	No_	NA	
Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP?	Yes	No	NA_	
I certify that all information and statements in this certificate form are accurate, complete and true.	Yes_V	No	NA	
Signature: List Bur Date: 6/19/18	The person sign	ning this Certific	ation on beh	alf of the Property Owner has represented to National Grid that he or sho

has the authority to act on behalf of the Owner, and National Grid is relying on this representation.



June 12, 2018

Sag Harbor Building LLC c/o Staller Associates 1455 Veterans Highway Hauppauge, New York 11749

Re: 22 Long Island Avenue, Sag Harbor, NY

To Whom It May Concern:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at <a href="mailto:sarah.aldridge@nationalgrid.com">sarah.aldridge@nationalgrid.com</a>.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\Sag Harbor Building LLC - 22 Long Island Avenue\Sag Harbor Building LLC Letter.docx



Property: 22 Long Island Avenue, Sag Harbor, NY

Owner: Sag Harbor Building LLC - c/o Staller Associates, 1455 Veterans Highway, Hauppauge, NY 11749

This form is required by the Site Management Plan Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.1 Notifications for additional details.

Owner, indicate Yes, No. or Not Applicable (NA) for each item with regard to the previous year (June 23, 2017 to June 23, 2018). If	Yes, add a comment	about the ite	m. Addition	nal comments can be attached to this page		
Engineering Controls (ECs): Soil Cover System (SCS): (SCS is over 6-inches of certified clean soil and/or gravel	THE PERSON NAMED IN COLUMN	- servicions	NATE OF STREET	Comments (If yes, list property and explain response.)		
Were there any changes to the SCS in the past calendar year?	Yes	No_X	NA <u>·</u>			
Were any new buildings and structures built?	Yes	No_X	NA			
Was there any utility construction:	Yes	No X	NA			
Were any breaches of the SCS observed (e.g., in the soil or gravel cover)?	Yes	No_X	NA			
Are there any vegetable gardens on the property(ies)?	Yes	No_X_	NA	·		
Institutional Controls (ICs): Property Use:	WATER CONTINUE BEAUTH	/// CON CONTROL OF CON	SWEET WA			
Has land use/zoning changed XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Yes	No_X	NA			
Is groundwater beneath the property used for any purpose?	Yes	No X	NA			
Subsurface Work and Property Development:						
Were new buildings evaluated for vapor intrusion/indoor air quality?	Yes	No	NA_X			
Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP?	Yes	No	NA_X			
I certify that all information and statements in this certificate form are accurate, complete and true.	Yes_X_	No	NA			
Sag Harbor Building, LLC						
Signature: By: Xindalal Date: 6/29/2018	The person sig	ning this Certil	ication on bel	nalf of the Property Owner has represented to National Grid that he are he		
Print Name: Linda Kahn Title: President		The person signing this Certification on behalf of the Property Owner has represented to National Grid that he or she has the authority to act on behalf of the Owner, and National Grid is relying on this representation.				



June 12, 2018

David Schiavoni VACS Enterprises, LLC c/o Mr. & Mrs. George Schiavoni 14 Oakland Avenue Sag Harbor, New York 11963

Re: 31 Long Island Avenue Properties, Sag Harbor, NY

Dear Mr. Schiavoni:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at <a href="mailto:sarah.aldridge@nationalgrid.com">sarah.aldridge@nationalgrid.com</a>.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

E\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\Schiavoni - 31 Long Island Avenue Properties\Schiavoni Letter.docx



The person signing this Certification on behalf of the Property Owner has represented to National Grid that he or she

has the authority to act on behalf of the Owner, and National Grid is relying on this representation.

Property:	31 Long Island Avenue Properties	
Owner:	David Schiavoni - c/o Mr. & Mrs. George Schiavoni, 14 Oakland Avenue, Sag Harbor, NY 11963	

This form is required by the Site Management Plan Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

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Engineering Controls (ECs): Soil Cover System (SCS): (SCS is over 6-inches of certified clean soil and/or gravel	Comments (If yes, list property and explain response.)
Were there any changes to the SCS in the past calendar year?	Yes No/ NA
Were any new buildings and structures built?	Yes No NA
Was there any utility construction:	Yes No/ NA
Were any breaches of the SCS observed (e.g., in the soil or gravel cover)?	Yes No NA
Are there any vegetable gardens on the property(ies)?	Yes No NA
Institutional Controls (ICs): Property Use:	
Has land use/zoning changed from "Restricted Residential"?	Yes No_V NA
Is groundwater beneath the property used for any purpose?	Yes No. NA_ NA_ NO USE
Subsurface Work and Property Development:	
Were new buildings evaluated for vapor intrusion/indoor air quality?	Yes No NA
Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP?	Yes No NA
I certify that all information and statements in this certificate form are accurate, complete and true.	YesNo NA



June 12, 2018

Beth M. Kamper, Village Clerk Village of Sag Harbor PO Box 660, 55 Main Street Sag Harbor, New York 11963

Re: Sag Harbor Right-of-Ways, Sag Harbor, NY

Dear Ms. Kamper:

Please find enclosed one (1) Property Owner Questionnaire and Certification form and a stamped self-addressed return envelope. The attached questionnaire and certification is required by the Site Management Plan (SMP) as a part of the remedy for the National Grid Former Sag Harbor Manufactured Gas Plant Site located at 5 Bridge Street. The form is to be completed annually, after any significant weather event, and when requested by the New York State Department of Environmental Conservation (NYSDEC) and National Grid. Additionally, as required under 6 NYCRR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use (60 days prior to change), proposed ground-intrusive activities (15 days prior to activity), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Please return the completed and signed Property Owner Questionnaire and Certification form in the enclosed envelope by Wednesday, July 11, 2018.

If you have any questions or comments, please contact Sarah Aldridge of National Grid at (516) 545-2568, or email her at <u>sarah.aldridge@nationalgrid.com</u>.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Christopher Morris, P.G.

Project Manager

CM:gd Enclosures

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Sag Harbor\PRR\Property Owner Letters\Village of Sag Harbor - Right-of-Ways\Village of Sag Harbor Letter.docx



Property: Sag Harbor Right-of-Ways

Owner: c/o Beth M. Kamper, Village Clerk, Village of Sag Harbor, PO Box 660, 55 Main Street, Sag Harbor, NY 11963

This form is required by the Site Management Plan (SMP) Section 5.2 Certification of Engineering and Institutional Controls. It is to be completed annually, after any significant weather event, and when requested by the New York Department of Environmental Conservation (NYSDEC) and National Grid.

As required under 6 NYCCR Part 375-1.11(d), the property owner must provide notice to the NYSDEC and National Grid of changes in property use from Restricted Residential (60 days prior to change, proposed ground-intrusive activities (15 days prior to activity), disturbance of the soil cover (within 48 hours of observation), and of any emergencies (fires, floods, etc.) that impact the ground surface (by noon the following day). See SMP Section 2.11.2 Notifications for additional details.

Engineering Controls (ECs):				Comments (If yes, list property and explain response.)	
Soil Cover System (SCS): (SCS is over 6-inches of certified	clean soil and/or gravel				
Were there any changes to the SCS in the past calendar year?		Yes	No	NA	_
Were any new buildings and structures built?		Yes	No	NA	
Was there any utility construction:		Yes	No	NA	
Were any breaches of the SCS observed (e.g., in the soil or gravel cover)?		Yes	No	NA	
Are there any vegetable gardens on the property(ies)?		Yes	No	NA	
Institutional Controls (ICs): Property Use:					
Has land use/zoning changed from "Restricted Residential"?		Yes	No	NA	
Is groundwater beneath the property used for any purpose?		Yes	No	NA	
Subsurface Work and Property Development:					
Were new buildings evaluated for vapor intrusion/indoor air quality?		Yes	No	NA	
Were disturbances to the subsurface performed in accordance with the excavation Work Plan Appendix A of the SMP?		Yes	No	NA	
I certify that all information and statements in this certificate form are accurate, complete and true.		Yes	No	NA	
Signature:	Date:	The person signing this Certification on behalf of the Property Owner has represented to National Grid that he or she			
Print Name:	Title	has the authori	has the authority to act on behalf of the Owner, and National Grid is relying on this representation.		