

**CITIZENS PARTICIPATION PLAN**  
**FOR THE BAY SHORE FORMER MGP SITE**

Prepared by  
National Grid

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## 1.0 INTRODUCTION

Citizen participation is an integral component of remedial programs in New York State. Input from an affected or interested individuals and organizations on the remedial program helps ensure outcomes that account for both technical and human concerns for protecting public health and the environment. A project-specific plan is needed to inform and involve community residents, public and private leaders, and other stakeholders. This Citizen Participation Plan (CPP) documents the planned project-specific public outreach activities and resources organized for the remedial program associated with the former Manufactured Gas Plant (MGP) site.

The primary purpose of this CPP is to outline a variety of communications methods that, based on applicable New York State law and New York State Department of Environmental Conservation (NYSDEC) regulations and guidance, provide for constructive communication of program activities among the stakeholders and other interested parties. This CPP includes methods intended to inform interested parties of program developments, elicit responses and public involvement, and provide a central point of contact for inquiries regarding the remedial program for the former Bay Shore site. Given this context, this CPP presents the planned communication and outreach activities, describes how interested individuals and groups can participate in the remedial program, and provides a variety of reference materials to facilitate gains access to project-specific information and management personnel.

Both the NYSDEC and National Grid<sup>1</sup> are committed to the implementation of this CPP as required by 6 NYCRR Part 375.7-1.5, applicable NYSDEC guidance (e.g., Citizen Participation in New York Hazardous Waste Site Remediation Program: A Guidebook, dated June 1998, the Administrative Order on Consent (Index #D1-0002-98-11), and the statewide Inactive Hazardous Waste Site Citizen Participation Plan (NYSDEC, 1988). As required by NYCRR Part 375-1.5, NYSDEC and National Grid will review and update this CPP to account for significant changes in the Bay Shore site's remedial program.

## 2.0 BASIC SITE INFORMATION

In March 1999, the NYSDEC and KeySpan Gas East Corporation signed an Administrative Order on Consent (Index #D1-0002-98-11), to investigate and remediate hazardous substances believed to exist at the site and to investigate possible future uses for the former Bay Shore site. The Bay Shore site is located in the town of Bay Shore (Bay Shore being part of the Town of Islip) and the Village of Brightwaters, located in Suffolk County. The site covers a 10-acre area, near the south shore of Long Island, approximately 6,000 feet north of the Great South Bay. The property is

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<sup>1</sup> KeySpan Gas East Corporation was a subsidiary of KeySpan Corporation. On August 24, 2007, National Grid plc completed its acquisition of KeySpan Corporation. KeySpan Gas East Corporation still exists and uses the assumed name ( *i.e.*, is doing business as) of National Grid for branding purposes. National Grid will be used for all dates after August 24, 2007.

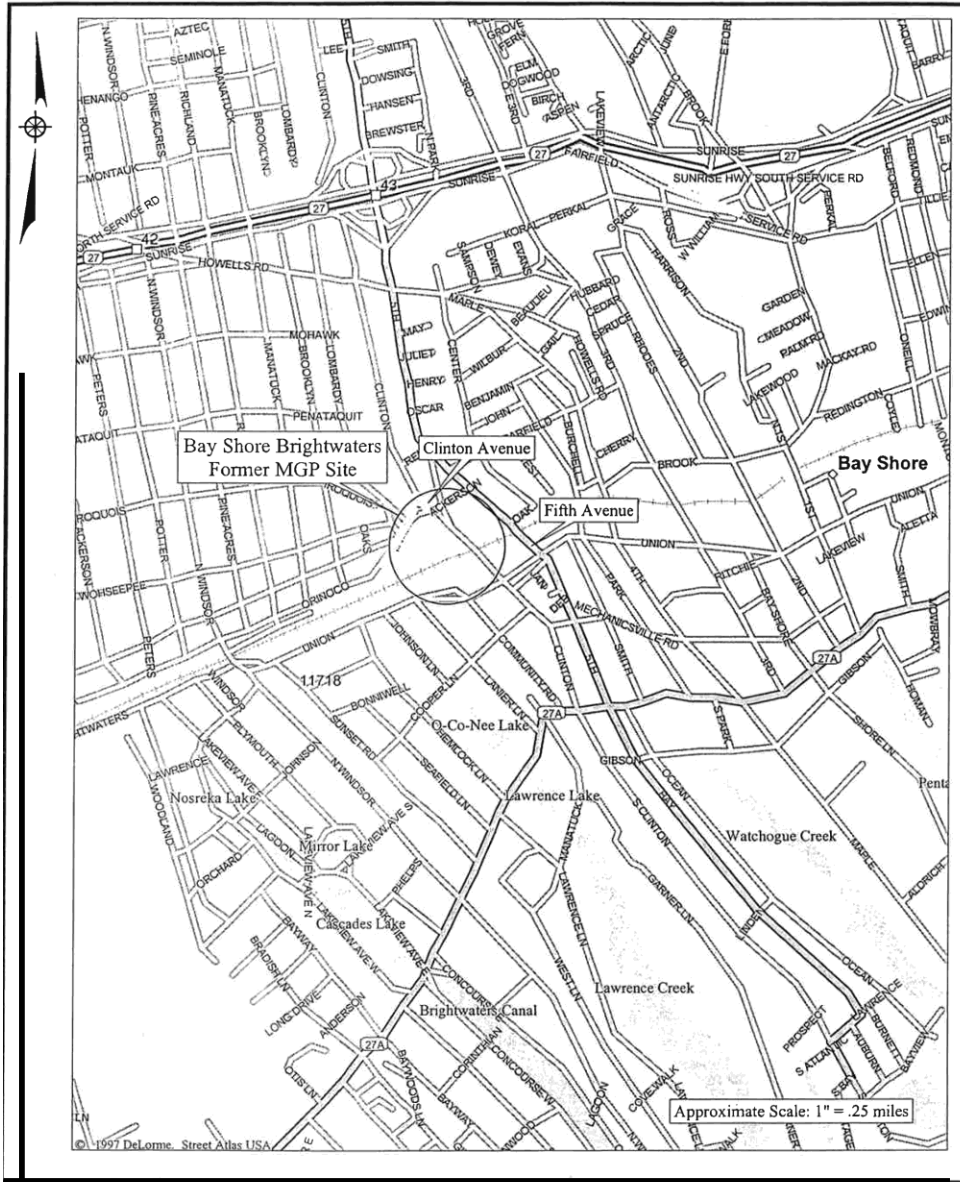
bounded on the east, north and west by residencies and small commercial businesses and to the south by the Long Island Railroad (LIRR). Immediately south is as a commercial lumber property. Further south are residences in neighborhoods on Lawrence Lake and Lawrence Creek.

The Bay Shore site consists of six contiguous parcels (see Figure 1 - Site Location Map); however, the manufactured gas plant operations were located on a parcel of land in Bay Shore, between Clinton and Fifth Avenues. The Brightwaters section of the facility, located west of Clinton Avenue, housed a number of tanks, including gasoline, drip oil, and a million-gallon petroleum storage tank used with the oil gas process. National Grid has a building on the site, which houses a gas construction, maintenance operation, and a gas customer service operation.

The Bay Shore site opened as a gas plant in 1889 under the ownership of the Mutual Gas and Light Company. From 1899 to 1917, the Suffolk Gas and Electric Light Company owned and operated the site. In 1918, LILCO became the legal owner of the site and carburetted water gas and oil-gas operations were conducted there until 1973, when the plant was demolished.

Bay Shore/BRI Gas Plant Site

**Site Location Map**



ITWATERS

### **3.0 REMEDIAL PROGRAM OVERVIEW**

#### **3.1 New York State Remedial Program – Overview**

KeySpan Gas East Corporation (KeySpan) entered into an Administrative Order on Consent immediately following the merger of Brooklyn Union and Long Island Lighting Company. Under the Consent Order, KeySpan was required to evaluate environmental conditions and as necessary remediate conditions at former MGP sites, at the time owned or operated by KeySpan on Long Island. To date, limited-environmental investigation has been conducted on this site. Under the terms of the NYSDEC Consent Order, KeySpan was required to perform a Remedial Investigation (RI) and explore possible future site re-uses for this property. KeySpan then had to submit a Feasibility Study (FS) which evaluated on-site and off-site remedial actions to eliminate, to the extent possible, health and environmental hazards to allow for a safe implementation of the chosen site re-use. The FS was required to incorporate a site-specific risk assessment that evaluates a range of exposure scenarios based upon current and expected future uses of the site. The Consent Order also permitted KeySpan to perform one or more partial Interim Remedial Measures to more quickly remediate contamination before completion of the FS.

Under the Consent Order, after the site and its potential risks to human health and the environment, if any, are fully characterized, possible future uses of the Bay Shore site are taken into consideration, and the remedial alternatives are evaluated in the FS, the NYSDEC publishes a proposed remedial action plan. Based on KeySpan, NYSDEC, NYSDOH, public review, and comment, a decision document is prepared and published as the final remedial alternative for the site in a Record of Decision (ROD). Unless the ROD selects the no action alternative, KeySpan then submits a remedial design to implement the final remedial alternative outlined in the ROD. The Remedial Design must include a detailed description of the remedial objectives and the means by which each essential element of the selected remedial alternative is implemented to achieve those objectives.

Once the Remedial Design is approved by NYSDEC, KeySpan begins construction. Finally, KeySpan submits to the NYSDEC a detailed Post-Remedial Operations and Maintenance Plan (O&M Plan). The “O&M Plan” provides the means to track the effectiveness of the completed remedial work.

For more information on the remedial program and process in New York State, interested parties can contact any of the state representatives listed in Appendix D.

#### **3.2 Project Area Investigation History**

To date, previous investigations have been conducted on the Bay Shore site. Historical information exists that indicates that a groundwater and oil recovery system was installed and operated by LILCO from 1949 through 1953 to mitigate an oil release that was observed in basements along Clinton Avenue property. The recovery system was shut down in 1953 when the oil was reported

to have stopped leaking into the basements. In 1979 a groundwater investigation was conducted under the guidance of the Suffolk County Department of Health Services and NYSDEC due to reported odors that were encountered during construction of a sewer system adjacent to the property. The investigation indicated that PAHs (contaminants present in coal, oils, and oil derivatives) were present in groundwater on and downgradient of the site, extending south to Lawrence Creek.

A 1992 site investigation detected contamination in shallow groundwater near the southwestern portion of the Brightwaters yard parcel (downgradient of a former petroleum storage tank). A Risk Assessment was performed in December 1993 and indicated that there was no adverse health risk. This is based on the 1992 site investigation results. A Feasibility Analysis Report, also performed in December 1993, indicated that some hot spot removal and bioremediation should be performed pending additional investigation. To further delineate the contamination on the Brightwaters yard parcel, and to respond to an odor complaint in the basement of a house located on Lanier Lane (property located south of the Brightwaters yard parcel) LILCO entered into a Spill Stipulation Agreement, Spill No. 96-13150, with NYSDEC Region I in December 1997. The Stipulation Agreement required that LILCO perform an additional site investigation on and south of the Brightwaters yard parcel as well as continued groundwater and air sampling (monthly indoor air sampling and quarterly groundwater sampling) in the residential area south of Brightwaters. Likewise, immediate measures were taken to stop the reported odors in a Lanier Lane property basement by removing an existing sump pump from the basement and waterproofing the basement walls and floor. In June 1998, a Subsurface Investigation Report was provided to NYSDEC Region I which indicated that contamination was present south of the Brightwaters yard parcel. KeySpan is waiting to receive comments from Region I.

After the May 1998 merger between Brooklyn Union and LILCO, KeySpan took additional steps to ensure site security and to mitigate any potential releases from identifiable point sources such as abandoned piping conduits. Fencing and other security measures were conducted during Fall of 1998 (October through December) to ensure that the site was adequately secured. Also, a piping closure effort was commenced in the winter of 1999 (January through March) to reduce potential pathways for off-site migration via possible existing conduits. This work was performed in anticipation of the pending Order on Consent Remedial Investigation work and the information retained from the piping closure effort was integrated into the Remedial Investigation effort under the Order on Consent.

The Bay Shore site was divided into four separate Operable Units (OU-1 through OU-4) so that specific portions of the project area could be addressed individually. Remedial efforts began in 2007. Work included excavation and removal of contaminated source materials from site operations, such as tanks and piping, as well as contaminated soils; in a portion of the site, soils had to be removed from below the LIRR tracks which required rerouting of the LIRR at that location; a ground water oxygen injection system was developed to introduce oxygen into the groundwater and encourage soil bacteria to consume the contaminants that had already dissolved

in groundwater and migrated beyond the site boundaries; injection of slurry in selected areas to address small areas of impacts.

In 2015, National Grid began modifications of two (2) oxygen injection systems at the site at both Operable Unit 1 (N. Clinton Avenue between the LIRR and Union) and OU-3 (between community road and the LIRR). The purpose was to add additional oxygen injection points to expedite the reduction of groundwater impacts.

As a result of groundwater concentration reductions, two of six OU-2 oxygen injection systems were deactivated in March 2015 and removed in June 2017 and a portion of a third system was deactivated in May 2019.

National Grid continues to report on groundwater monitoring results and posts them on the project website.

#### **4.0 CITIZEN PARTICIPATION ACTIVITIES**

This section presents the specific citizen participation and outreach activities for implementation during the remedial program and to be implemented in accordance with 6 NYCRR Part 375. Operating under project-specific citizen participation goals, clearly defined objectives are achieved by implementing a range of communication tools and methods. The activities are geared toward making project-specific information (e.g., work plans, technical reports, information sheet summaries) available to the public; facilitating communication among stakeholders including the creation of contact lists, scheduling and conducting public meetings, establishing comment periods, and notifying the public of document availability, public meetings, comment periods, and major program milestones.

##### **4.1 Goals and Objectives**

The central goal of this CPP is to achieve effective, open communication among stakeholders, interested parties, KeySpan (now National Grid), and the NYSDEC. Common goals include:

- Communicate program goals and major milestones, actions, and outcomes;
- Inform citizens and others of on-going project activities, status and progress;
- Provide citizens (and all stakeholders) a forum for input and comment; and
- Engender public understanding of constituents of interest, their potential effects on human health and environment, as appropriate

In order to accomplish these goals, the following specific objectives are pursued through the implementation of this CPP:



- Consistently communicate goals accomplishments, and status of the project to the contact list (including community leaders, public officials, and the wider community, as necessary) through appropriate views;
- Establish, maintain, update, and utilize the contact lists;
- Educate the community, in lay terms, about the nature and magnitude of potential site risks, including instructions for mitigating risk (if appropriate) and assurances that the environment and worker/public health and safety are protected;
- Provide interested parties the opportunity to review and comment on technical reports generated through the remedial program (e.g. public comment periods and document repository as required by 6 NYCRR Part 375);
- Provide interested parties the opportunity to present opinions and ideas during the remedial program (e.g., conduct public meeting/comment period and availability sessions as required by 6 NYCRR Part 375);
- Provide responses to public review and comment (e.g., prepare a responsiveness summary as required by 6 NYCRR Part 375);
- Provide the news media with interviews or press releases, as available, to ensure accurate coverage of remedial program activities;
- Provide a designated project spokesperson as point of contact through which community inquiries regarding the project can be addressed consistently and effectively; and
- Periodically review the effectiveness of the citizen participation and outreach activities during the remedial program and make adjustments in this CPP's methods and/or activities, if necessary.

## **4.2 Tools and Methods**

There are many ways to reach and communicate with the community and other interested parties as this CPP is implemented over the course of the remedial program. A variety of outreach tools and methods are used to ensure proper communication with the interested parties that include various organizations, public and business leaders, and a diverse assemblage of individuals of all ages, education backgrounds, and cultures.

Interested parties are informed and invited to participate in the planned citizen participation activities through appropriate means such as mailing to the contact list, legal notice in newspapers, press releases, information sheets, and other documents made available in the document repository.

The following specific public participation activities will be implemented as required.

### 4.2.1 Document Repository

Document repositories were established early on in a publicly accessible location that has accommodations necessary to house and make project-related documents available for

community reference and review. The use of a document repository is intended to maximize public access to site information while minimizing abuse, destruction, or theft of project documentation.

Document repositories are identified in Appendix B.

The following documents, as available, will be placed in the repository:

- Administrative Order on Consent;
- Remedial Investigation/Feasibility Study (RI)FS Work Plan which includes the City
- RI Report;
- FS; Report;
- Proposed Remedial Action Plan;
- Record of Decision (ROD);
- Remedial Design;
- Post-Remedial O&M Plan and;
- Other Materials (e.g., Information Sheets, Notices, etc.).

#### 4.2.2 Public Meetings and Comment Period

After completion of the RI and the FS Reports, the preferred remedy for the site is presented in a Proposed Remedial Action Program and will be subject to public review and comment. After public notice, a meeting is held at a convenient time and location to gather comments on the proposed remedial plan. Legal notice on the meeting and proposed Remedial Action Program availability is published in the local newspaper, a 30-day comment period will be established, and a public meeting will be held to address such direct comments and questions from interested parties. During the public meeting, NYSDEC, NYSDOH, and National project managers are on hand to summarize the findings of the RI Report, FS Report and partial IRMs completed to date, and to answer questions regarding project area characterization, data, activities, remedial alternatives, the preferred remedy presented in the Proposed Remedial Action Program, costs, implementation schedules, and criteria used in evaluating the preferred remedy.

Following discussion of the project's status, interested parties have the opportunity to ask questions and provide comment on the RI and FS findings and the Proposed Remedial Action Program. After the public meeting and comment period end, NYSDEC and NYSDOH review all public comments and, where applicable, incorporate the comments into the Remedial Action Program.

It is also possible that public meetings and/or public comment periods are necessary following the proposal by National Grid of one or more partial IRMs before completion of the FS. Whether public input will be required in the form of a scheduled meeting and/or written comments depends upon the nature and extent of the proposed partial IRM, and is

determined by the NYSDEC and NYSDOH. Any public input is noticed as discussed above.

#### 4.2.3 Responsiveness Summary

Public questions, comments, and concerns voiced during the public meeting and collected during the comment period are addressed by the NYSDEC and published in the Remedial Action Program Responsiveness Summary. Agency responses are to address both the broad general concerns and the significant questions communicated by the interested parties.

#### 4.2.4 Information Newsletters

Information newsletters/website updates are prepared and distributed to the contact list or posted to the National Grid project website, [www.bayshoreworksmgp.com](http://www.bayshoreworksmgp.com), in order to announce major project milestones and accomplishments throughout the remedial program (e.g. start of construction, major report completion, etc.) Written in lay terms, information updates describe and summarize the project area's history, review the goals of the project, update the status of project plans and/or results, list opportunities for citizen involvement, list key contacts, and list the location of the document repositories.

### **4.3 Roles and Responsibilities**

The specific roles and associated responsibilities for implementing this CPP are as follows:

- NYSDEC Remedial Project Manager - The NYSDEC Project Manager is responsible for enforcement, oversight, and management of the overall remedial program. Typical citizen participation-related activities include making presentations at public meetings, reviewing project documents such as information sheets, and providing technical assistance in preparing the responsiveness summary or answering the public.
- NYSDEC Citizen Participation Specialist - The Citizen Participation Specialist assists the project managers in implementing the CPP. Typical activities include preparation and/or review of information sheets, the responsiveness summary, coordination of public meetings and availability sessions.
- KeySpan Project Manager - The KeySpan Project Manager, in cooperation with the NYSDEC Project Manager, is responsible for implementing the overall remedial program at the site. Typical citizen participation-related activities include management of CPP implementation, presentations at public meetings, and technical assistance to the NYSDEC Project Manager and Citizen Participation Specialist.

#### **4.4 Schedule for Implementing Elements of the CPP**

Implementing elements of this CPP depend upon completion by National Grid and final approval by the NYSDEC of various plans and reports required by the Consent Order governing the Bay Shore site, such as the RI/FS Work Plan, RI Report, FS Report, Remedial Design, etc. National Grid was required to establish a document repository as soon as the RI/FS Work Plan is approved, and place all completed documents in the repository for public review. Public comments and hearings will be scheduled after NYSDEC approves the FS Report and prepares the Proposed Remedial Action Program. The Responsiveness Summary is completed shortly after close of the public comment period.

#### **5.0 SUMMARY**

Guided by the goals and objectives of this CPP, implementation of the planned public outreach and citizen participation activities ensures the timely communication of important program information of interest to the local community. Citizen involvement and interaction in the remedial program is facilitated through specific opportunities such as public meetings, public comment periods, availability sessions, and use of the document repositories. Throughout the remedial program, this CPP and its specific outreach tools and methods are monitored and, as required and agreed by the NYSDEC and National Grid, are adjusted to improve its effectiveness in responding to community needs.

## APPENDIX A

### GLOSSARY OF KEY CITIZEN PARTICIPATION TERMS AND MAJOR PROGRAM ELEMENTS

**Citizen Participation Plan (CPP)** – A document that describes the project-specific citizen participation and outreach activities that will take place alongside the technical components of the remedial program. The CPP also provides project information, citizen participation goals and objectives, and lists of contact persons and document repositories.

**Citizen Participation Specialist** – A NYSDEC staff member whose duty it is to provide guidance and assistance in carrying out the CPP. The Citizen Participation Specialist is the key contact for public inquiries about the project and the remedial activities.

**Contact List** – A list in the CPP (Appendix B) containing names and addresses of individuals, groups, organizations, news media, and public representatives interested and/or affected by the project. The contact list is used to distribute important information and notices about the project and the remedial program.

**Document Repository** – Project documents and other information is placed in the document repositories to facilitate convenient public access to these materials. Documents are available for public reference and review at the NYSDEC Region I office and at Bay Shore- Brightwaters Public Library. Refer to Appendix B for more information about the document repository location and hours of operation.

**Feasibility Study (FS)** – Based on information gathered during the Remedial Investigation (RI), the FS is a process for developing, evaluating, and selecting appropriate Remedial Action (RA) for limiting or eliminating the potential human and environmental hazards of a site. The FS sets out the goals of the remedial actions to be taken, evaluates the most appropriate alternatives, and selects the best alternative based on several criteria. The selected remedy is then recommended for implementation in the Proposed Remedial Design Plan, which is subject to public review and comment.

**Interim Remedial Measure (IRM)** – A discrete action which can be conducted at a site relatively quickly to reduce the risk to people's health and the environment from a well-defined waste problem. An IRM can involve cutting and plugging waste conduits, removing contaminated soil, and securing a site.

**Polycyclic Aromatic Hydrocarbons (PAHs)** – Contaminants typically found at MGP sites and associated with coal tar residues.

**Remedial Design (RD)** – This report will include a detailed description of the remedial objectives and the means by which each essential element of the selected remedial alternative will be implemented to achieve those objectives. It incorporates the findings of the FS Report to provide

a remedial design that will be implemented during the performance of the cleanup activities at the site.

**Remedial Investigation (RI)** – A process to determine the nature and extent of contamination by analyzing data collected from sampling (e.g., water, soil, air, etc.) at a site. Information gathered throughout the RI is used to conduct a Focused Feasibility Study (FFS), which proposes and evaluates various remedial alternatives for the site.

**Responsiveness Summary** – The Responsiveness Summary is prepared by the NYSDEC to address public comments, questions, and concerns regarding the proposed remedial action to be taken at a site. The Responsiveness Summary is issued as part of the Remedial Action Program.

**Volatile Aromatic Hydrocarbons** – Benzene, Toluene, Ethylbenzene, Xylene (BTEX) volatile aromatic hydrocarbons are typical contaminants found at MGP sites and other sites where coal, oil, refined products, and other hydrocarbons were burned or used.

## **APPENDIX B**

### **IDENTIFICATION OF DOCUMENT REPOSITORIES**

#### **Bay Shore-Brightwaters Public Library**

1 South Country Road  
Brightwaters, New York 11718  
Telephone: (631) 665-4350

New York State Department of Environmental Conservation  
Region 1 Headquarters  
Building 40  
SUNY Stony Brook  
Stony Brook, NY 11790-2356  
Phone: (631) 444-0241  
Hours of Operation: 9:00 AM – 5:00 PM  
Appointments required

\*Some physical repositories are temporarily unavailable due to COVID-19 precautions. If you cannot access the online repository, please contact the NYSDEC project manager identified in Appendix D for assistance.

Bay Shore MGP Website  
[Bayshoreworksmgpsite.com](http://Bayshoreworksmgpsite.com)

## APPENDIX C

### IDENTIFICATION OF AFFECTED AND/OR INTERESTED PARTIES

Angie Carpenter  
Supervisor, Town of Islip  
655 Main Street  
Islip, NY 11751  
(631) 224-5500

John Valdini  
Mayor Elect, Village of Brightwaters  
40 Seneca Drive  
Brightwaters, NY 11718  
(631) 665-1280

Steven J. Flotteron  
District 11 Suffolk County Legislature  
William H. Rogers Legislature Building  
725 Veterans Memorial Highway  
Hauppauge, NY 11788

Or

4 Udall Road  
West Islip, NY 11795  
(631) 854-4100

Robert Calarco  
Suffolk County Legislature, Presiding Officer  
William H. Rogers Legislative Building  
725 Veterans Memorial Highway  
Hauppauge, NY 11788  
(631) 853-4088

Jarett Gandolfo  
New York State Assembly  
Legislative Office Building, 426  
7<sup>th</sup> District  
Albany, NY 12248  
(518) 455-4611

Or

859 Montauk Hwy  
Suite 1



Bayport, NY 11705  
631-589-0348

Phillip Boyle  
New York State Senate  
707 Legislative Office Building  
Albany, NY 12247  
(518) 455-3411

Or

94 W Main Street, Suite 205  
Bay Shore, NY 111706  
(631) 665-2311

U.S. Congressman Andrew Garbarino  
1003 Park Boulevard  
Massapequa Park, NY 11762  
(516) 541-4225

James Whiteman  
Chamber of Commerce of Greater Bay Shore  
77 E. Main Street  
P.O Box 5110  
Bay Shore, NY 11706  
(631) 665-7003

Bob Peterson  
Executive Director  
Great South Bay YMCA  
200 West Main Street  
Bay Shore, NY 11706  
(631) 665-4255

Sabrina Rettaliata  
President  
Oconee Association  
Lawrence Lane  
Bay Shore, NY 11706

## **APPENDIX D**

### **IDENTIFICATION OF PROJECT MANAGEMENT CONTACTS**

#### **New York State Department of Environmental Conservation**

Matthew Ayers, P.G.  
Project Manager  
NYSDEC – Division of Environmental Remediation  
625 Broadway  
Albany, New York 12233–7017  
(518) 402-6447

Walter J. Parish  
Regional Hazardous Waste Engineer  
NYSDEC – Region 1 Headquarters  
Build 40  
SUNY – Strong Brook  
Stony Brook, NY 11790–2356  
(631) 444-0241

#### **New York State Department of Health**

James Sullivan  
NYSDOH  
Bureau of Environmental Exposure Investigation  
547 River Street  
Troy, NY 12180–2216  
(518) 402-5584 or  
1(800) 458-1158

#### **National Grid**

Michael Quinlan  
Manager  
175 East Old Country Road  
Hicksville, NY 11803

Bay Shore Hotline Telephone Number: (631) 348-6250

Please leave a message on the hotline and your call will be promptly returned.