

CITIZEN PARTICIPATION PLAN

FOR THE

FORMER METROPOLITAN WORKS MANUFACTURED GAS PLANT SITE

12th Street and 2nd Avenue

Brooklyn, NY

Prepared by

National Grid

September 2018

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1.0 INTRODUCTION

Citizen participation is an integral component of remedial programs in New York State. Input from affected or interested individuals and organizations on the remedial program helps ensure outcomes that account for both technical and human concerns regarding 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 Metropolitan Works Manufactured Gas Plant (MGP) site (the Site).

The primary purpose of this CPP is to outline a variety of communication 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 between 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 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 gaining access to project-specific information and management personnel.

The Brooklyn Union Gas Company d/b/a National Grid NY (“National Grid”) is committed to sharing information with the community, and will provide updates to ensure the public has the latest information. Handouts will also be distributed throughout the community as a supplemental communication, as needed.

Both the NYSDEC and National Grid are committed to the implementation of this CPP as required by Title 6 of the New York Code of Rules and Regulations (NYCRR) Part 375, applicable NYSDEC guidance (e.g., Citizen Participation in New York’s Hazardous Waste Site Remediation Program: A Guidebook, dated June 1998), the Order on Consent and Administrative Settlement (Index # A2-0552-0606), and the statewide Inactive Hazardous Waste Site Citizen Participation Plan (NYSDEC, 1988). As required by 6 NYCRR Part 375-1.10, NYSDEC and National Grid will review and update this CPP to account for significant changes in the Site remedial program.

2.0 BASIC SITE INFORMATION

The Site is along 12th Street between the Gowanus Canal and 2nd Avenue in the Gowanus section of Brooklyn, N.Y. The 7.8-acre site has multiple parcels and owners. The entire Site is developed, either with buildings or paved parking lots. National Grid has no liability on the eastern portion of the Site, but does for its western and southern portions.

History and Operations

A manufactured gas plant was in operation on the Site as early as 1872, and ceased operation sometime between 1928 and 1935. The manufacture of gas, in general terms, consisted of heating coal and recovering the vapors, which were condensed and purified to produce gas. Byproducts from the heating and purification processes included coal tar, sludge, oils, ashes, contaminated wood chips (used for gas purification) and other chemicals. These byproducts were either recycled for energy recovery and chemical feedstocks or disposed.

Predecessors to National Grid owned the Site at the time of the MGP operations. By 1972, all structures from the former MGP had been removed from the surface of the Site.

Current Site Description

The current Site is located on multiple parcels along 12th Street in Brooklyn, between the Gowanus Canal and 2nd Avenue. The current Site includes multiple commercial/industrial uses and is the site of the former Pathmark supermarket. Those portions of the Site currently not covered by structures are paved, primarily for customer parking.

The eastern portion of the MGP (Block 1007, Lots 219 and 220) and two adjacent parcels (Block 1007, Lots 1 and 218) were investigated and remediated in 2003 by FC Gowanus, LLC, through extensive soil excavation of the former oil tanks and gas holders. In addition, approximately 44 recovery wells were installed to allow recovery of free phase non-aqueous phase liquid (NAPL). This work allowed this portion of the former MGP footprint and the two adjacent parcels to be closed under NYSDEC oversight in September 2003. After the remediation and closure of these areas, it was redeveloped as a Lowe's store.

The properties comprising the current Site are:

Address	Block and Lot
1-27 12 th Street Extension or 2 11 th St.	Block 1007, Lot 172
22-42 12 th St. or 21-41 13 th St.	Block 1025, Lot 16
Hamilton Place	Block 1025, Lot 20
50 12 th Street	Block 1025, Lot 100
60-64 12 th Street	Block 1025, Lot 26



3.0 REMEDIAL PROGRAM OVERVIEW

3.1 New York State Remedial Program Overview

In February 2007, The Brooklyn Union Gas Company d/b/a KeySpan Energy Delivery New York, a predecessor of National Grid, entered into a multiple-site Order on Consent and Administrative Settlement (the Order), Index # A2-0552-0606, with the NYSDEC. The Site was added to the Order in a Modification dated August 2007. The Order requires a Remedial Investigation of the Site, which is to be followed by a Feasibility Study of remedial options, a Remedial Action Plan, a Remedial Design and then construction and operation of a remedy to eliminate, to the extent possible, environmental hazards detected at the Site. Once the Remedial Design is approved by NYSDEC, National Grid will commence construction. Finally, National Grid will submit to NYSDEC a detailed post-remedy Operations and Maintenance (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

A Preliminary Site Assessment was prepared for the U.S. Environmental Protection Agency (EPA) in September 1986. EPA concluded that no further remedial action was required and archived the Site in the EPA's Superfund Program.

There were numerous environmental investigations of the eastern portion of the MGP (Block 1007, Lots 219 and 220) and two adjacent parcels (Block 1007, Lots 1 and 218) beginning in 1997. As a result, that portion of the Site became part of a Voluntary Clean-up Agreement between NYSDEC and Forest City Ratner, as developer, which took over the agreement from the U.S. Postal Service, the previous owner. The agreement was completed in 2003. Within the current Site, a subsurface investigation was performed in 2007 by ATC Associates, Inc. at 60 12th Street, the location of a former Department of Education garage. The subsurface investigation was performed to evaluate contamination observed during the removal of two 3,000-gallon underground storage tanks by the owner of the property at that time.

As part of the Site's Remedial Investigation (RI), National Grid conducted field work, from April 2010 to April 2012, to evaluate the nature and extent of potential impacts from the MGP operation, as well as the potential for human health and ecological risks. The RI Report was submitted and approved by the NYSDEC in September of 2014. Since that time, a portion of Hamilton Plaza Shopping Center, previously occupied by the Pathmark supermarket, became available for investigation. A Supplemental RI was performed in April of 2017 to further evaluate the nature and extent of potential impacts. Currently, National Grid is compiling a report detailing the findings from its Supplemental Remedial Investigation.

4.0 CITIZEN PARTICIPATION ACTIVITIES

This section presents the specific citizen participation and outreach activities planned 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 will be achieved by implementing a range of communication tools and methods. The planned activities are geared toward making project-specific information (e.g., work plans, technical reports and 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 and interested parties, National Grid and the NYSDEC. Common goals include:

- Communicate program goals and major milestones, actions and outcomes;
- Inform citizens and others of ongoing project activities, status and progress;
- Provide citizens (and all stakeholders) a forum for input and comment; and
- Facilitate a public understanding of constituents of interest, their potential effects on human health and the environment, and appropriate responses to mitigate those effects.

To accomplish these goals, the following specific objectives will be 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 means;
- 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 repositories 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 session as required by 6 NYCRR Part 375);
- Provide responses to public feedback and comments (e.g., prepare a responsiveness summary as required by 6 NYCRR Part 375);
- Provide the news media with press releases and/or interviews with National Grid-authorized spokespersons, 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.

The community contact list is provided in Appendix C, and the former Metropolitan MGP Site project management contacts, including contacts from NYSDEC, New York State Department of Health (NYSDOH) and National Grid, are provided in Appendix D.

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 will be used to ensure proper communication with the interested parties, which include various organizations, public and business leaders, and a diverse assemblage of individuals of all ages, educational backgrounds and cultures.

Interested parties will be informed and invited to participate in the planned citizen participation activities through appropriate means, such as mailings to the contact list, legal notices in newspapers, press releases, information sheets and other documents made available in the document repositories.

The following specific public participation activities will be implemented as required by 6 NYCRR Part 375 and current NYSDEC guidance.

4.2.1 Document Repositories

Document repositories have been established at the offices of Community Board 6, the NYSDEC Central Office and the Carroll Gardens Branch Library, which maintain in one file all relevant documents related to the Site.

Community Board 6
250 Baltic Street
Brooklyn, New York 11201-6401
(718) 643-3027

NYSDEC Central Office
625 Broadway, 11th Floor
Albany, NY 12233-7014
Attn: William Wu
Phone: (518) 402-9662
Email: william.wu@dec.gov.ny

Carroll Gardens Branch Library
396 Clinton Avenue
Brooklyn, NY 11231
(718) 596-6972

The following documents are available in the repositories or will be made available when completed and accepted by the NYSDEC:

- Order on Consent and Administrative Settlement
- Fact sheet announcing the start of the remedial investigation
- RI Work Plan

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

- RI Report
- Reports of any IRMs
- Feasibility Study Report
- Proposed Remedial Action Plan
- Record of Decision (ROD)
- Remedial Design

- Post-Remedial Construction O&M Plan
- Other materials (e.g., information sheets, notices, etc.)

These documents are also available on the project website at www.metropolitanmgpsite.com.

4.2.2 Meetings, Meeting Fact Sheets and Comment Period

After completion of the RI Report, a public meeting will be held to discuss its findings. Then, National Grid will conduct a Feasibility Study to evaluate potential remedial alternatives and recommend a preferred remedy. After the Feasibility Study Report is completed, the preferred remedy for the Site will be presented in a Proposed Remedial Action Plan (PRAP) and will be subject to public review and comment at a public meeting.

Legal notice of the meetings will be published in the local newspapers serving the Metropolitan neighborhood, and fact sheets announcing the meetings and summarizing the documents will be prepared and disseminated to interested parties and the community. During the RI public meeting, NYSDEC, NYSDOH and National Grid project managers will summarize the findings of the RI Report and any IRMs completed to date, and answer questions regarding project area characterization, data and activities. At the PRAP public meeting, remedial alternatives presented in the Feasibility Study, the preferred remedy presented in the Proposed Remedial Action Plan, costs, implementation schedules and criteria used in evaluating the preferred remedy will be discussed. After the PRAP comment period ends, NYSDEC and NYSDOH will review all public comments submitted during the public meeting and comment period, and incorporate the comments into the Remedial Action Program (RAP), where applicable.

Fact sheets were distributed to interested parties and the nearby community at the beginning of the RI in January 2010. Additional fact sheets will be distributed at the time of the acceptance of the RI Report, including the announcement of the public meeting, and the announcement of the PRAP, also including the announcement of the public meeting.

4.2.3 Community Outreach

National Grid is committed to sharing information with the community and has several resources for the community to use to get further information, including a website, mailers, a hotline number and document repositories.

Interested parties will be informed and invited to participate in the planned citizen participation activities through appropriate means, such as mailings to the contact list, legal notices in newspapers, press releases, information sheets and other documents made available in the document repositories.

Information updates are prepared and distributed to the contact list 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 Site area history, review the goals of the remedial program, update the status of the Site plans and/or results, and list opportunities for citizen involvement, key contacts and the locations of the document repositories.

4.2.4. Telephone Hotline

National Grid established a telephone hotline for neighbors of the Site. The phone number is (718) 982-7349. There will be occasional news updates and the hotline can be used to leave questions about the investigation.

4.2.5 Website

National Grid established a website for the project at www.metropolitanmgpsite.com. The website includes background information about manufactured gas plants, historical information about the Site, a description of work completed during the project, regular updates about remediation activities and contact information, including links to the NYSDEC's MGP website. The homepage contains updates of activities and current site status related to the investigation and remediation of the Site. A key documents section contains all major reports completed during the project, and an archive of fact sheets and weekly reports.

4.2.6 Responsiveness Summary

NYSDEC will address and publish responses to public questions, comments and concerns voiced during the PRAP public meeting and collected during the comment period in the RAP's Responsiveness Summary. Agency responses address both broad general concerns and significant questions communicated by interested parties.

4.3 Roles and Responsibilities

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

- William Wu, 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 public inquiries.
- Thomas Panzone, 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 and the responsiveness summary, and coordination of public meetings and availability sessions.

- Patrick Van Rossem, National Grid Project Manager – The National Grid project manager, in cooperation with the NYSDEC project manager, is responsible for implementing the overall remedial program at the Site.
- April Dubison, National Grid Community Relations Representative – Typical citizen participation-related activities include management of CPP implementation, providing updates to the public, coordinating public meetings and providing assistance to the NYSDEC project manager and citizen participation specialist.

4.4 Schedule for Implementing Elements of the CPP

National Grid began implementing elements of this CPP in May 2007 after the NYSDEC began its Site Characterization field work and has continued since August 2007, when the Order was entered with NYSDEC. Implementation has continued through the completion of the RI field work in April 2012.

National Grid established document repositories and a telephone hotline, developed a public-facing website to provide members of the community with information related to the history and remediation of the Site, distributed newsletters and fact sheets, held a community meeting, and met one-on-one with property owners and other members of the public to ensure they are well informed of all aspects of the planning and reporting processes.

National Grid will continue to carry out elements of this plan upon its completion of work related to major project milestones.

Public comments and hearings related to the Remedial Investigation Work Plan and NYSDEC acceptance of the Remedial Investigation Report will be scheduled upon NYSDEC completion of the Proposed Remedial Action Plan. The Responsiveness Summary will be completed shortly after close of the public comment period. Distribution of fact sheets or information sheets will also occur after completion of significant remedial or IRM construction activities at the Site.

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 will be facilitated through specific opportunities such as public meetings, public comment periods, availability sessions and use of the Site's website and document repositories. Throughout the remedial program, this CPP and its specific outreach tools and methods will be monitored and, as required and agreed by the NYSDEC and National Grid, adjusted to improve its effectiveness in responding to community needs.

National Grid is committed to sharing information with the community, and will regularly share information to ensure everyone is kept up to date with the latest information. Handouts will

also be distributed throughout the community as needed to support communication and updates.

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 - An 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 C) 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 Repositories - Project documents and other information are placed in the document repositories to facilitate convenient public access to these materials. Documents are available for public reference and review at the offices of Community Board 6, the NYSDEC Central Office and the Carroll Gardens Branch Library. Refer to Appendix B for more information about the document repositories' locations and hours of operation.

Feasibility Study (FS) - Based on information gathered during the Remedial Investigation (RI) and Supplemental Remedial Investigation, the FS is a process for developing, evaluating and selecting appropriate remedial action 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 that 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.

Non-Aqueous Phase Liquid (NAPL) - An immiscible liquid that remains as a separate phase or layer in the environment.

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 at a site by analyzing data collected from sampling (e.g., water, soil, air, etc.) at a site. Information gathered throughout

APPENDIX A

Glossary of Key Citizen Participation Terms and Major Program Elements

the RI is then used to conduct a Feasibility Study (FS), 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 and xylene (BTEX) are volatile aromatic hydrocarbons and 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

Community Board 6
250 Baltic Street
Brooklyn, New York 11201-6401
(718) 643-3027
Call for Appointment

Carroll Gardens Branch Library
396 Clinton Avenue
Brooklyn, NY 11231
(718) 596-6972

NYSDEC Central Office
625 Broadway, 11th Floor
Albany, NY 12233-7014
Attn: William Wu
(518) 402-9662
william.wu@dec.gov.ny

Affected and/or Interested Parties

Team Slope, LLC
1368 38th Street,
Brooklyn, NY 11218

Milea Associates II LLC
12-60 12th Street
Brooklyn, NY 11215

APPENDIX C

Community Contact List

Government

Elected Official

Brooklyn Borough President

Contact Information

Eric Adams
Brooklyn Borough Hall
209 Joralemon Street
Brooklyn, NY 11201
(718) 802-3700

City Council Member

Carlos Menchaca
5601 5th Avenue, S-2
Brooklyn, NY 11220
(718) 439-9012

Congresswoman

Nydia Velazquez
16 Court Street, Suite 1006
Brooklyn, NY 11241

Assemblywoman

Jo Anne Simon
341 Smith Street
Brooklyn, NY 11231
(718) 246-4889

State Senator

Velmanette Montgomery
30 3rd Avenue, Room 615
Brooklyn, NY 11217
(718) 643-6140

Community Board 6

Michael Racioppo, District Manager
(718) 643-3027

Community Groups

Group

Gowanus Canal Community Advisory Group (CAG)

Contact

Doug Sarno

Gowanus Canal Community Development Corporation

Bill Appel

Gowanus Canal Conservancy

Andrea Parker

Southwest Brooklyn Industrial Development Corporation

Andrea Devening

APPENDIX C

Community Contact List

Friends And Residents of Greater Gowanus (FROGG)	Marlene Donnelly
Fifth Avenue Committee	Michele de la Uz
Gowanus Alliance	Paul A. Basile

Community Newspapers

Outlet

Brooklyn Papers
Brooklyn Eagle
Red Hook Star

Community Blogs

The Brownstoner	http://www.brownstoner.com
Pardon Me For Asking	http://pardonmeforasking.blogspot.com
Mcbrooklyn	http://www.mcbrooklyn.blogspot.com
Carroll Gardens Patch	http://carrollgardenspatch.com
DNAinfo	http://www.dnainfo.com/

APPENDIX D

Identification of Project Management Contacts

New York State Department of Environmental Conservation

William Wu, Project Manager
Remedial Bureau C
625 Broadway, 11th Floor
Albany, NY 12233-7014
(518) 402-9662
william.wu@dec.ny.gov

New York State Department of Health

Scarlett McLaughlin, Public Health Specialist
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower, Room 1787
Albany, NY 12233
(518) 402-7860
(518) 402-7859
Scarlett.McLaughlin@health.ny.gov

National Grid

April Dubison, Community Relations Representative
Fleet Services Administration Building
287 Maspeth Avenue
Brooklyn, NY 11211
Metropolitan MGP Project Hotline Telephone – (718) 982-7349

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