
**Citizen Participation Plan
for
Con Edison's Former Hunts Point
Manufactured Gas Plant**

Site Number - V00554

Bronx, New York, 10474

June 2014

Prepared by:

Consolidated Edison Company of New York

Approved by:

New York State Department of Environmental Conservation
Division of Environmental Remediation

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1.0 INTRODUCTION AND OVERVIEW OF THE CITIZEN PARTICIPATION PLAN:

Volunteer: Consolidated Edition of NY (“Volunteer”)

Site Name: Former Hunts Point Manufactured Gas Plant (“Site”)

Site Address: Blocks 2775 (Lot 279), 2778 (Lot 100), 2780 (Lots 73 and 74), and 2781(Lots 160, 306, 400 and p/o Lot 500)

Site County: Bronx County

Site Number: V00554

Con Edison, in cooperation with the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), is committed to informing and involving the public during the investigation and remediation of former Manufactured Gas Plant (MGP) Sites being conducted under the New York State Voluntary Cleanup Program (VCP).

The VCP was developed by the NYSDEC to enhance private sector cleanup of properties. Under the VCP, the volunteer agreed to investigate and remediate a Site to a level that is protective of human health and the environment for the present or intended use of the property. Such investigation and remediation is carried out with NYSDEC and NYSDOH oversight. When the volunteer satisfactorily completes the work, the State provides a release from State liability for the work done, thus providing an incentive to return the Site to productive use. Projects of this type now fall under the purview of the New York State Brownfield Cleanup Program (BCP).

For more information about the Brownfield Cleanup Program, please visit the NYSDEC Website at www.dec.ny.gov/chemical/brownfields.html.

This Citizen Participation Plan (CPP) identifies information that relates to the former **Hunts Point Manufactured Gas Plant** site. The CPP also describes CP activities to be conducted during the investigation and remediation. The CP activities are designed to achieve the following objectives:

- Help the interested and affected public to understand the contamination problems at this Site, and the nature and progress of Con Edison’s program to investigate and or clean up the Site;
- Ensure open communication between the public and project staff throughout the remedial process; and
- Create opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about the Site’s investigation and cleanup.

2.0 MANUFACTURED GAS PLANTS AND HOLDERS SITES:

Manufactured Gas Plants (MGPs) were operated between the 1800s and mid-1900s, before the development of natural gas systems, to convert coal and oil into gas for heating, lighting and cooking. Manufactured gas holders were designed for the storage and distribution of manufactured gas. Residuals from these stations may include tar and oil, which in certain types of storage holders were used to form an airtight seal between the holders’ foundations and upper tank shells. Byproducts of this early production process included contaminants such as tar and purifier wastes. Tar is a dark, viscous fluid with a distinctive acrid odor. Purifier wastes are materials

formed during removal of other unwanted chemicals from the gas before it was sent out to customers. The substances of concern related to these operations include BTEX compounds, Polycyclic Aromatic Hydrocarbons (PAHs) and metals. BTEX compounds are benzene, toluene, ethylbenzene and xylene. These are volatile hydrocarbon compounds found in MGP byproducts and also found in most petroleum products such as gasoline. PAHs, which are the result of the incomplete combustion of organic materials, are in MGP byproducts and in many petroleum products, such as asphalt. For additional information on MGPs, visit: <http://www.dec.ny.gov/chemical/8430.html>.

3.0 PROJECT DESCRIPTION:

On August 15, 2002 NYSDEC and Con Edison executed a Voluntary Cleanup Agreement (VCA) to investigate, test, and remediate enumerated MGP Sites located in New York City and Westchester County.

Because the decommissioning and dismantling of most plants and holder stations occurred over 50 years ago, long before current environmental standards were in place, little information is available on the extent to which the by-products and residuals of the gas-making process may remain underground at such Sites. The 2002 VCA formalizes Con Edison's commitment to take action at the Sites of its, and its predecessor companies', former plants and holders. If by-products or residual materials from the operations of those facilities are present in amounts that the NYSDEC or NYSDOH believe pose a threat to health or the environment, Con Edison will implement an appropriate remediation program to address those concerns.

The first phase of the MGP investigation is a Site Characterization Study (SCS). The SCS includes locating the subsurface remnants of MGP structures that might exist on the property, delineating the lateral and vertical extent of potential MGP residuals in the soil, soil vapor, and groundwater and characterizing Site-specific geology and hydrology. If MGP contamination is detected during the SCS, a remedial investigation will likely be conducted to further investigate the nature and extent of the existing contamination at the Site.

The information from these investigations will be used by Con Edison to prepare a draft remedial Alternatives Analysis Report (AAR) which would outline various remedial options for the Site and recommend one of the alternatives based on several criteria specified by the NYSDEC. If the NYSDEC (with concurrence from NYSDOH) deems the draft AAR to be approvable, the public will have an opportunity to review and comment on it during a 30-day public comment period. After the public comment period, the NYSDEC will approve the AAR for implementation by Con Edison. Depending on the comments received by NYSDEC, the AAR may have to be revised to reflect the public's input. The NYSDEC will issue a Decision Document which documents the selected remedy.

4.0 SITE BACKGROUND:

The former Hunts Points Manufactured Gas Plant site consists of an approximately 160-acre tract of land on Hunts Point, a peninsula at the confluence of the Bronx and East Rivers, and covers portions of four city blocks on the Hunts Point peninsula: Blocks 2775, 2778, 2780, and 2781.

The Site is defined as all land occupied by former MGP operations and formerly owned by Con Edison from 1926 to 1962. Demolition of the plant was completed in early 1968.

In 1922, Con Edison began purchasing land for what would become the Hunts Point MGP. Initial construction of the coke ovens and oven/producer gas manufacturing machinery occurred from 1924 through 1927, and the plant went on-line in late 1926. Between 1931 and 1932, the works were enlarged, adding carbureted water gas works. The works were again expanded in 1948. The MGP produced water gas from 1932 to 1962. In 1950, the water gas works were modified to use natural gas in addition to coal or in place of coal.

Beginning in the early 1950s, portions of the MGP were taken out of service. The liquid petroleum plant was taken off-line in 1952 and the oven/producer gas plant in 1954. The last components of the MGP were taken off-line in 1962, and the remaining buildings and structures were demolished. The large gas holder remained in service until it was demolished in 1968. The majority of the former MGP property was then sold to the City of New York in the late 1960s through the early 1970s for use as wholesale cooperative food market. On-site portions of the former MGP property have been redeveloped with roads, warehouses, parking areas, a City of New York Department of Sanitation marine transfer station, or remain undeveloped. The Site is located in a commercial and industrial area with the Krasdale Foods portion of the Hunts Point former MGP site currently used as a warehouse for shipping and receiving food products.

Of the original Hunts Point property, Con Edison only retains ownership of the northwestern part of Block 2781, modern Tax Lot 400, where it maintains a natural gas regulating station near the intersection of Halleck Street and Food Center Drive. The remaining property has been sold to other owners. Block 2781, Tax Lot 400 (now designated Tax Lot 500), which comprised the bulk of the Hunts Point MGP property, was sold to the City of New York in 1966, 1968, and 1972 for use as the City's new Terminal Market (there were several deeds made over multiple years). The City had condemned this land in 1960, and by the time the ownership became official, the remaining MGP structures had been demolished.

During the early 1970s, the City constructed three long buildings in the center of Tax Lot 500 for the wholesale cooperative markets, as well as several additional buildings surrounding them. Two larger buildings dedicated to individual organizations were built along the east side of the Tax Lot, bordering the East River (today occupied by Krasdale Foods and National Foods). Hunts Point Avenue and East Bay Avenue were removed, and Food Center Drive was constructed to surround the cooperative market complex on three sides (Halleck Street now marks the western border). As part of the cooperative food market property, the City also purchased several parcels east of Halleck Street, including Block 2775, Tax Lot 279, which had been undeveloped during the MGP occupancy and has remained vacant since becoming City property.

The remaining parcels all have been conveyed to city or state agencies. Block 2780, Tax Lot 73 is occupied by a sewage disposal landfill (the bulk of this Tax Lot was investigated in a previous study). A prison and associated parking lot have been constructed on a corner of the newly filled area, in an area shown on maps as underwater during operation of the MGP (Sanborn, 1996). Block 2780, Tax Lot 74 belongs to the New York City Department of Environmental Protection (NYCDEP), and contains an office building and associated parking. The sewage treatment plant extends over several former Tax Lots to the west that are now included in modern Tax Lot 74.

These former Tax Lots were vacant during the MGP era. Block 2781, Tax Lot 160 formerly was

an undeveloped triangle of land at the intersection of Hunts Point Avenue and Farragut Street, and now mostly lies under the reconfigured alignment of Farragut Street. A small strip of undeveloped property on the west side of Block 2781, Tax Lot 306 (owned by the Department of Sanitation) separates the Department of Sanitation's Transfer facility from the landfill to the west.

On-site portions of the former MGP have been divided into parcels (A through F) for purposes of site cleanup, and have or will be investigated and remediated separately by others. The historic use of Parcels C and F included the storage of coal. In addition, two coal bridges were located adjacent to Parcel C and were used to unload the coal via conveyors. Parcel D, located in the northeastern section of the former MGP, did not contain any historic structures. Various investigations and remediation completed to date have documented petroleum and MGP-related residuals – including coal tars, oils, and purifier wastes – as well as constituents associated with these residuals, such as benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds; polycyclic aromatic hydrocarbons (PAHs); and inorganic constituents such as cyanides, on the former MGP property.

Based on historical information and current conditions at the site, Con Edison developed a Site Characterization (SC) Work Plan (ARCADIS 2011) and Off-Site Characterization (O-SC) Work Plan (ARCADIS 2010), that was approved by the NYSDEC and NYSDOH. The SC and O-SC field activities were conducted in 2012 and 2013. The findings of the SC activities were summarized in the SC Report (ARCADIS 2013). The O-SC field activities were summarized in the Off-Site Remedial Investigation Report (ARCADIS 2014) and Off-Site Remedial Investigation Report Addendum (ARCADIS 2014), which will be made available to the public once approved by the NYSDEC. In addition, Con Edison developed three other investigation work plans: Site Characterization Work Plan for the Halleck Street Sidewalk Area (Parsons 2011), Site Characterization Work Plan for Marine Transfer Station (MTS) Parcel (Parsons 2011), and Site Characterization Work Plan for Sultana Citarella Area (Parsons 2011). The SC activities in the Halleck Street sidewalk area have been completed and the results are being summarized in a report that will be available to the public once it is finalized and approved by the NYSDEC. The SC activities at the MTS and Sultana Citarella properties are in the planning phase. Additional details regarding the history and operations of the Hunts Point former MGP can be found in the Hunts Point Off-Site Manufactured Gas Plant History Report (Parsons 2003), as well as O-SC Work Plan (ARCADIS 2010), which includes historical maps.

5.0 MAJOR ISSUES OF PUBLIC CONCERN

Part 1 – List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information.

Con Edison will evaluate the potential presence, if any, and extent of MGP-related impacts adjacent to the northernmost storm sewer pipe and the remaining portion of the Krasdale Foods property.

The key stakeholders in the community are the 14 commercial entities that surround the MGP site including the Krasdale Foods property, an 11-acre tract of land located on the northeastern portion of the Hunts Point MGP site. The Krasdale Foods property is currently used as a warehouse for shipping and receiving of food products. The other stakeholders are Bronx Community Board 2 and the area local elected officials.

The Site is located within an Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

Part 2 – List important information needed **from** the community, if applicable. Identify groups, organizations, businesses and/or units of government related to the needed information. How were these information needs identified?

N/A

Part 3 – List major issues and information that need to be communicated **to** the community. Identify groups, organizations, businesses and/or units of government related to the issue(s) and/or information. How were these issues and/or information identified?

In 2004, Con Edison approached current property owners of the former MGP sites about the remedial investigation program. A Site Characterization Study, performed in February 2011, detailing possible health and environmental impacts were shared for general viewing at two public depositories: the Office of the Bronx Borough President and the New York Public Library – Hunt’s Point Branch. At key project milestones, Con Edison will brief the surrounding community of our on-site activity via scheduled meetings and dissemination of bilingual (English/Spanish) Fact Sheets.

Part 4 – Identify the following characteristics of the affected/interested community.

- a. Land use/zoning around site: Residential/Commercial
- b. Residential type around site: Urban
- c. Population density around site: Medium
- d. Community economic status: Medium
- e. Water supply of nearby residences: Public
- f. Other environmental issues significantly impacting affected community? No
- g. Special considerations: Language (See CB 2 Demographics below)

BRONX COMMUNITY BOARD 2 DEMOGRAPHICS

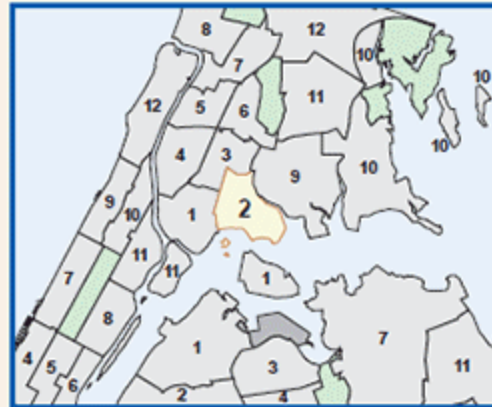
BRONX COMMUNITY DISTRICT 2

TOTAL POPULATION	1990	2000	2010
Number	39,443	46,824	52,246
% Change	—	18.7	11.6

VITAL STATISTICS	2005	2010
Births: Number	895	962
Rate per 1000	19.1	18.4
Deaths: Number	246	253
Rate per 1000	5.3	4.8
Infant Mortality: Number	5	—
Rate per 1000	5.6	6.4

INCOME SUPPORT	2005	2012
Cash Assistance (TANF)	7,844	6,800
Supplemental Security Income	4,733	5,602
Medicaid Only	14,203	18,278
Total Persons Assisted	26,780	30,680
Percent of Population	57.2	58.7

TOTAL LAND AREA	
Acres:	1,412.5
Square Miles:	2.2



	Lots	Lot Area	
		Sq. Ft.(000)	%
1- 2 Family Residential	826	1,910.3	3.9
Multi-Family Residential	863	4,043.8	8.4
Mixed Resid. / Commercial	186	1,555.9	3.2
Commercial / Office	121	1,353.5	2.8
Industrial	334	9,806.0	20.2
Transportation / Utility	148	9,801.1	20.2
Institutions	93	2,161.4	4.5
Open Space / Recreation	49	3,443.3	7.1
Parking Facilities	111	1,040.6	2.2
Vacant Land	196	5,223.2	10.8
Miscellaneous	80	8,113.2	16.7
Total	3,007	48,452.2	100.0

New York City Department of City Planning

Additional demographic information:
http://www.nyc.gov/html/dcp/pdf/census/puma_demo_08to10_acs.pdf#bx1and2

DP05: DEMOGRAPHIC AND HOUSING CHARACTERISTICS
 New York City Community Districts
 2008-2010 American Community Survey 3-Year Estimates

BRONX COMMUNITY DISTRICTS 1 & 2

Subject*	PUMA 03710, New York			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
SEX AND AGE				
Total population	152,023	+/-5,883	152,023	(X)
Male	76,448	+/-3,616	50.3%	+/-1.2
Female	75,575	+/-3,317	49.7%	+/-1.2
Under 5 years	12,603	+/-1,153	8.3%	+/-0.6
5 to 9 years	12,297	+/-1,139	8.1%	+/-0.7
10 to 14 years	12,489	+/-1,183	8.2%	+/-0.7
15 to 19 years	14,060	+/-1,267	9.2%	+/-0.7
20 to 24 years	14,459	+/-1,275	9.5%	+/-0.7
25 to 34 years	25,068	+/-1,771	16.5%	+/-0.9
35 to 44 years	20,130	+/-1,535	13.2%	+/-0.8
45 to 54 years	18,159	+/-1,348	11.9%	+/-0.9
55 to 59 years	5,206	+/-598	3.4%	+/-0.4
60 to 64 years	5,569	+/-744	3.7%	+/-0.5
65 to 74 years	7,350	+/-762	4.8%	+/-0.5
75 to 84 years	3,682	+/-547	2.4%	+/-0.4
85 years and over	951	+/-309	0.6%	+/-0.2
Median age (years)	28.7	+/-0.8	(X)	(X)
18 years and over	106,391	+/-4,239	70.0%	+/-1.3
21 years and over	97,408	+/-3,879	64.1%	+/-1.3
62 years and over	15,578	+/-1,264	10.2%	+/-0.9
65 years and over	11,983	+/-1,141	7.9%	+/-0.8
18 years and over	106,391	+/-4,239	106,391	(X)
Male	52,080	+/-2,969	49.0%	+/-1.5
Female	54,311	+/-2,325	51.0%	+/-1.5
65 years and over	11,983	+/-1,141	11,983	(X)
Male	4,323	+/-581	36.1%	+/-3.3
Female	7,660	+/-811	63.9%	+/-3.3
RACE				
Total population	152,023	+/-5,883	152,023	(X)
One race	147,651	+/-6,053	97.1%	+/-0.6
Two or more races	4,372	+/-898	2.9%	+/-0.6
One race	147,651	+/-6,053	97.1%	+/-0.6
White	40,805	+/-3,610	26.8%	+/-2.2
Black or African American	56,980	+/-4,008	37.5%	+/-2.1
American Indian and Alaska Native	798	+/-478	0.5%	+/-0.3
Cherokee tribal grouping	N	N	N	N
Chippewa tribal grouping	N	N	N	N
Navajo tribal grouping	N	N	N	N
Sioux tribal grouping	N	N	N	N
Asian	1,352	+/-432	0.9%	+/-0.3
Asian Indian	N	N	N	N
Chinese	N	N	N	N
Filipino	N	N	N	N
Japanese	N	N	N	N
Korean	N	N	N	N
Vietnamese	N	N	N	N
Other Asian	N	N	N	N
Native Hawaiian and Other Pacific Islander	17	+/-27	0.0%	+/-0.1
Native Hawaiian	N	N	N	N
Guamanian or Chamorro	N	N	N	N
Samoan	N	N	N	N
Other Pacific Islander	N	N	N	N
Some other race	47,699	+/-3,993	31.4%	+/-2.3
Two or more races	4,372	+/-898	2.9%	+/-0.6
White and Black or African American	834	+/-311	0.5%	+/-0.2
White and American Indian and Alaska Native	319	+/-330	0.2%	+/-0.2
White and Asian	85	+/-70	0.1%	+/-0.1
Black or African American and American Indian and Alaska Native	190	+/-226	0.1%	+/-0.1
Race alone or in combination with one or more other races				
Total population	152,023	+/-5,883	152,023	(X)
White	43,347	+/-3,701	28.5%	+/-2.2
Black or African American	59,467	+/-3,975	39.1%	+/-2.1
American Indian and Alaska Native	1,570	+/-644	1.0%	+/-0.4
Asian	1,702	+/-449	1.1%	+/-0.3
Native Hawaiian and Other Pacific Islander	107	+/-84	0.1%	+/-0.1
Some other race	50,432	+/-4,009	33.2%	+/-2.3
HISPANIC OR LATINO AND RACE				
Total population	152,023	+/-5,883	152,023	(X)
Hispanic or Latino (of any race)	103,241	+/-4,926	67.9%	+/-2.0
Mexican	13,357	+/-2,220	8.8%	+/-1.4

DP05: DEMOGRAPHIC AND HOUSING CHARACTERISTICS

New York City Community Districts

2008-2010 American Community Survey 3-Year Estimates

BRONX COMMUNITY DISTRICTS 1 & 2

Subject*	PUMA 03710, New York			
	Estimate	Estimate Margin of Error	Percent	Percent Margin of Error
Puerto Rican	46,844	+/-3,341	30.8%	+/-1.9
Cuban	698	+/-322	0.5%	+/-0.2
Other Hispanic or Latino	42,342	+/-3,380	27.9%	+/-1.9
Not Hispanic or Latino	48,782	+/-3,543	32.1%	+/-2.0
White alone	3,221	+/-840	2.1%	+/-0.5
Black or African American alone	42,630	+/-3,464	28.0%	+/-1.9
American Indian and Alaska Native alone	254	+/-271	0.2%	+/-0.2
Asian alone	1,193	+/-399	0.8%	+/-0.3
Native Hawaiian and Other Pacific Islander alone	0	+/-158	0.0%	+/-0.1
Some other race alone	631	+/-420	0.4%	+/-0.3
Two or more races	853	+/-407	0.6%	+/-0.3
Two races including Some other race	132	+/-113	0.1%	+/-0.1
Two races excluding Some other race, and Three or more races	721	+/-386	0.5%	+/-0.3
Total housing units	50,729	+/-1,470	(X)	(X)

6.0 CITIZEN PARTICIPATION ACTIVITIES:

This section of the CP Plan describes the CP activities to be conducted during the investigation and remediation of the Con Edison MGP Sites. Project staff will perform these activities to inform and involve the affected and interested community. Although each Site has unique characteristics that may require either additional or consolidated CP efforts, the outline for the outreach process is set forth in **Attachment 3** of this CP Plan.

CP activities for this Site include:

- Identification of the NYSDEC, NYSDOH and Con Edison Project Managers for the project and the ways for the public to contact them. Interested persons are encouraged to contact staff at any time with additional issues or information needs (see **Section 6.0 below**).
- Establishment of Document Repositories (see **Section 7.0 below**).
- Creation of a Site Contact List for the interested public. Individuals and groups included in the Site Contact List (see **Section 8.0 below**) will receive all mailings. The list will be updated as needed.
- Establishment of a 24/7 MGP Hotline, 877-602-6633.
- Establishment of a Con Edison MGP website at: www.coned.com/mgp
- Mailing a Site Characterization Study (SCS) Fact Sheet.

- If further investigation is required, mailing a Fact Sheet concerning the Remedial Investigation Work Plan (RI) and results of SCS.
- If the RI indicated that remedial action is required, a Fact Sheet will be sent advising that a remedial Alternatives Analysis Report (AAR) has been developed, and is available for public review and comment during a 30-day public comment period.
- Holding a public meeting in the community to present the AAR and to solicit public comments. Following the public comment period, the NYSDEC may make revisions to the AAR due to the comments received. The NYSDEC will issue a Decision Document which documents the selected remedy.
- Mailing a Fact Sheet announcing the start of remedial action.
- Mailing a Fact Sheet when the remedial action has been completed.

7.0 PROJECT CONTACTS:

For additional information about the program to investigate/remediate this Site, the public is encouraged to contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC)

The Environmental Investigation:

Ronnie Lee
Project Manager
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233
Tel: (518) 402-9684

Regional Citizen Participation Specialist:

Thomas V. Panzone
NYSDEC – Region 2
Office of Communications Services
1 Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
Tel: (718)-482-4953

New York State Department of Health (NYSDOH)

Stephanie Selmer
Project Manager
NYSDOH
Empire State Plaza
Corning Tower, Room 1787
Albany, NY 12237
Tel: (518) 402-7860
Email: BEEI@health.state.ny.gov

Con Edison

Eric Soto
Director, Bronx Public Affairs
Con Edison
511 Theodore Fremd Avenue
Rye, NY 10580
Toll Free (877) 602-6633
Email: sotoe@coned.com

8.0 DOCUMENT REPOSITORIES:

Document repositories have been established to provide the public with convenient access to important project documents and other information. In addition to the VCA signed on August 15, 2002, the repositories will include reports, data and other information developed during the course of the investigation and remediation.

Documents can be found on: www.coned.com/mgp

Hunt's Point Branch, The New York Public Library
877 Southern Boulevard (at Tiffany Street)
Bronx, NY 10459
(718) 617-0338
Email: huntspoint@nypl.org
Hours: Monday & Thursday 10-7, Tuesday & Wednesday 10-6,
Friday & Saturday 10-5 (closed Sunday)

NYSDEC Region 2 Office
1 Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
Tel: (718)-482-4900
Hours: Mon.- Fri. 9am-4pm

Hon. Ruben Diaz, Jr.
Office of Bronx Borough President
851 Grand Concourse, 3rd Floor
Bronx, NY 10451
Tel: (718) 590-3500

9.0 INTERESTED PUBLIC (SITE CONTACT LIST):

A Site Contact List has been developed and is included as **Attachment 1** to help keep the community informed about and involved in the investigation and remediation process for this MGP Site. The Site Contact list is developed with input from the NYSDEC Citizen Participation Specialist. The list includes adjacent property owners; local, regional and state officials; local media; civic, environmental organizations and others. The contact list will be reviewed periodically and updated as appropriate. The Site Contact List will receive all fact sheets and meeting notices updating the public on the progress of the investigation.

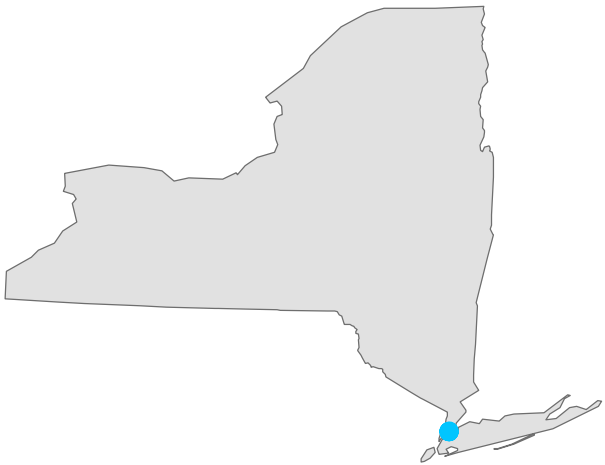
If you know of anyone who would like to be added to this list, please contact the Con Edison or NYSDEC Project Manager listed in **Section 6** (above).

PLEASE NOTE: The adjacent/affected property owners and resident portion of the list is maintained confidentially in project files, not in a CP Plan or repositories.

FIGURES



SITE LOCATION



LEGEND:

- BRONX RIVER FEDERAL NAVIGATION CHANNEL
- CURRENT/FORMER DREDGED CHANNEL (APPROXIMATE)
- SITE BOUNDARY

0 400 800 Feet
GRAPHIC SCALE

NOTES:

- IMAGERY OBTAINED FROM ESRI IMAGE SERVICE.
- BRONX COUNTY ROAD DATA OBTAINED FROM THE NYSGIS CLEARINGHOUSE AT: [HTTP://GIS.NY.GOV](http://gis.ny.gov).

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
HUNTS POINT FORMER MANUFACTURED GAS PLANT

CITIZEN PARTICIPATION PLAN

SITE LOCATION MAP




FIGURE 1

ATTACHMENT 1

	A	B	C	D	E	F	G	H	I	J
1										
2	Site Contact List									
3	Site #: V00554									
4	Site Name: Hunts Point MGP Site			List Last Updated: 5/23/14						
5	Current Occupant	Name, Title	Address 1	Address 2	Address 3	Street Address	City	State	Zip	Site Name (County)
6	Current Occupant	Hon. Bill de Blasio	Mayor			City Hall	New York	NY	10007	Hunts Point MGP (Bronx)
7	Current Occupant	Hon. Letitia James	Public Advocate			1 Centre Street, 15 th Floor	New York	NY	10007	Hunts Point MGP (Bronx)
8	Current Occupant	Hon. Scott Stringer	NYC Office of the Comptroller			1 Centre Street	New York	NY	10007	Hunts Point MGP (Bronx)
9	Current Occupant	Hon. Charles Schumer	U.S. Senator			780 Third Avenue, Suite 2301	New York	NY	10017	Hunts Point MGP (Bronx)
10		Hon. Kirsten Gillibrand	U.S. Senator			780 Third Avenue, Suite 2601	New York	NY	10017	Hunts Point MGP (Bronx)
11		Thomas V. Panzone	Regional Citizen Participation Specialist	NYSDEC		47-40 21st Street	Long Island City	NY	11101	Hunts Point MGP (Bronx)
12		Larry Ennist	NYSDEC			625 Broadway	Albany	NY	12233	Hunts Point MGP (Bronx)
13		Ronnie Lee	NYSDEC Project Manager			625 Broadway	Albany	NY	12233	Hunts Point MGP (Bronx)
14		Stephanie Selmer	NYSDOH Project Manager			Empire State Plaza, Corning Tower, Room 1787547	Albany	NY	12237	Hunts Point MGP (Bronx)
15		John Wuthenow	Office of Environmental Planning & Assess	NYC Dept. of Environmental Protection		96-05 Horace Harding Expressway	Flushing	NY	11373	Hunts Point MGP (Bronx)
16		Director	NYC Office of Environmental Coordination			100 Gold Street - 2 nd Floor	New York	NY	10038	Hunts Point MGP (Bronx)
17		Emily Lloyd, Commissioner	New York City Department of Environmental Protection			59-17 Junction Boulevard	Flushing	NY	11373	Hunts Point MGP (Bronx)
18		Carl Weisbrod	Commissioner	NYC Dept. of City Planning		22 Reade St., Third Floor	New York	NY	10007	Hunts Point MGP (Bronx)
19		Hon. Ruben Diaz Jr.	Bronx Borough President			851 Grand Concourse, Suite 301	Bronx	NY	10451	Hunts Point MGP (Bronx)
20		Hon. Maria Del Carmen Arroyo	NYC Councilmember			384 E. 149th St., 3rd Ave, Suite 300	Bronx	NY	10455	Hunts Point MGP (Bronx)
21		Hon. Ruben Diaz Sr.	NYS Senator			900 Rogers Place	Bronx	NY	10459	Hunts Point MGP (Bronx)
22		Hon. Carmen E. Arroyo	NYS Assemblymember			384 East 149 Street, Suite 301	Bronx	NY	10455	Hunts Point MGP (Bronx)
23		Hon. Jose E. Serrano	U.S. House of Representatives			1231 Lafayette Ave, 4th Floor	Bronx	NY	10474	Hunts Point MGP (Bronx)
24		Luis Diaz, County Clerk	Bronx County Clerk's Office			851 Grand Concourse, Room 118	Bronx	NY	10451	Hunts Point MGP (Bronx)
25		Dr. Ian Amritt, Chairperson	Bronx Community Board # 2			1029 East 163rd Street, Rm 202	Bronx	NY	10459	Hunts Point MGP (Bronx)
26		Rafael Salamanca, District Manager	Bronx Community Board # 2			1029 East 163rd Street, Rm 202	Bronx	NY	10459	Hunts Point MGP (Bronx)
27		Environmental Committee Chair	Bronx Community Board # 2			1029 East 163rd Street, Rm 202	Bronx	NY	10459	Hunts Point MGP (Bronx)
28		Food Bank for NYC	Attn: Executive Director			355 Food Center Drive	Bronx	NY	10474	Hunts Point MGP (Bronx)
29		Hunts Point Produce Market	Attn: Myra Gordon, Executive Administrative Director			101 Food Center Drive, Rm 2A	Bronx	NY	10474	Hunts Point MGP (Bronx)
30		Hunts Point Cooperative Market	Attn: Bruce Reingold, General Manager			355 Food Center Drive	Bronx	NY	10474	Hunts Point MGP (Bronx)
31		Hunts Point Terminal Market	Attn: Director			772 Edgewater Road	Bronx	NY	10474	Hunts Point MGP (Bronx)
32		Bronx Chamber of Commerce	Hutchinson Metro Center	Attn: Lenny Caro		1200 Waters Place, Suite 106	Bronx	NY	10461	Hunts Point MGP (Bronx)
33		Hunts Point Awareness Committee	Attn: Director			726 Coster Avenue	Bronx	NY	10474	Hunts Point MGP (Bronx)
34		Hunts Point Multi-Service Center				754 E. 151st Street	Bronx	NY	10455	Hunts Point MGP (Bronx)
35		New York Daily News				4 New York Plaza	New York	NY	10004	Hunts Point MGP (Bronx)
36		New York Post				1211 Avenue of the Americas	New York	NY	10036	Hunts Point MGP (Bronx)
37		Hunts Point Express	http://www.huntspointexpress.com/	news@huntspointexpress.com						
38		Bronx Times Reporter				900 East 132nd Street	Bronx	NY	10454	Hunts Point MGP (Bronx)
39		Bronx News				135 Dreiser Loop	Bronx	NY	10475	Hunts Point MGP (Bronx)
40		NY 1 News				75 Ninth Avenue	New York	NY	10011	Hunts Point MGP (Bronx)
41		Eric Soto	Director, Bronx Public Affairs	Con Edison		511 Theodore Fremd Avenue	Rye	NY	10580	Hunts Point MGP (Bronx)
42		RESIDENT OR BUSINESS OWNER			410	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
43		RESIDENT OR BUSINESS OWNER			1320	OAK POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
44		RESIDENT OR BUSINESS OWNER			1326	OAK POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
45		RESIDENT OR BUSINESS OWNER			1330	OAK POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
46		RESIDENT OR BUSINESS OWNER			437	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
47		RESIDENT OR BUSINESS OWNER			433	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
48		RESIDENT OR BUSINESS OWNER			421	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
49		RESIDENT OR BUSINESS OWNER			407	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
50		RESIDENT OR BUSINESS OWNER			1335	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
51		RESIDENT OR BUSINESS OWNER			418	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
52		RESIDENT OR BUSINESS OWNER			432	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
53		RESIDENT OR BUSINESS OWNER			421	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
54		RESIDENT OR BUSINESS OWNER			405	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
55		RESIDENT OR BUSINESS OWNER			401	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
56		RESIDENT OR BUSINESS OWNER			1361	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
57		RESIDENT OR BUSINESS OWNER			1349	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
58		RESIDENT OR BUSINESS OWNER			1339	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
59		RESIDENT OR BUSINESS OWNER			1337	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)

	A	B	C	D	E	F	G	H	I	J
60		RESIDENT OR BUSINESS OWNER			410	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
61		RESIDENT OR BUSINESS OWNER			412	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
62		RESIDENT OR BUSINESS OWNER			1360	DRAKE PARK SOUTH	BRONX	NY	10474	Hunts Point MGP (Bronx)
63		RESIDENT OR BUSINESS OWNER			1392	OAK POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
64		RESIDENT OR BUSINESS OWNER			439	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
65		RESIDENT OR BUSINESS OWNER			490	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
66		RESIDENT OR BUSINESS OWNER			420	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
67		RESIDENT OR BUSINESS OWNER			402	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
68		RESIDENT OR BUSINESS OWNER			494	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
69		RESIDENT OR BUSINESS OWNER			338	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
70		RESIDENT OR BUSINESS OWNER			1330	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
71		RESIDENT OR BUSINESS OWNER			327	LONGFELLOW AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
72		RESIDENT OR BUSINESS OWNER			1321	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
73		RESIDENT OR BUSINESS OWNER			318	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
74		RESIDENT OR BUSINESS OWNER			322	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
75		RESIDENT OR BUSINESS OWNER			324	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
76		RESIDENT OR BUSINESS OWNER			330	BRYANT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
77		RESIDENT OR BUSINESS OWNER			1340	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
78		RESIDENT OR BUSINESS OWNER			1360	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
79		RESIDENT OR BUSINESS OWNER			1368	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
80		RESIDENT OR BUSINESS OWNER			1367	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
81		RESIDENT OR BUSINESS OWNER			1361	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
82		RESIDENT OR BUSINESS OWNER			304	WHITTIER STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
83		RESIDENT OR BUSINESS OWNER			310	WHITTIER STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
84		RESIDENT OR BUSINESS OWNER			1380	EAST BAY AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
85		RESIDENT OR BUSINESS OWNER			367	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
86		RESIDENT OR BUSINESS OWNER			363	HUNT'S POINT AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
87		RESIDENT OR BUSINESS OWNER			341	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
88		RESIDENT OR BUSINESS OWNER			311	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
89		RESIDENT OR BUSINESS OWNER			311	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
90		RESIDENT OR BUSINESS OWNER			307	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
91		RESIDENT OR BUSINESS OWNER			301	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
92		RESIDENT OR BUSINESS OWNER			318	DRAKE STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
93		RESIDENT OR BUSINESS OWNER			350	DRAKE STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
94		RESIDENT OR BUSINESS OWNER			1340	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
95		RESIDENT OR BUSINESS OWNER			1370	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
96		RESIDENT OR BUSINESS OWNER			1390	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
97		RESIDENT OR BUSINESS OWNER			1390	VIELE AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)
98		RESIDENT OR BUSINESS OWNER			287	HALLECK STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
99		RESIDENT OR BUSINESS OWNER			212	DRAKE STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
100		RESIDENT OR BUSINESS OWNER			275	DRAKE STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
101		RESIDENT OR BUSINESS OWNER			271	DRAKE STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
102		RESIDENT OR BUSINESS OWNER			278	DRAKE STREET	BRONX	NY	10474	Hunts Point MGP (Bronx)
103		RESIDENT OR BUSINESS OWNER			1280	RYAWA AVENUE	BRONX	NY	10474	Hunts Point MGP (Bronx)

ATTACHMENT 2

Glossary and Acronyms

GLOSSARY OF KEY CITIZEN PARTICIPATION TERMS

Availability Session	A meeting with the community with no formal agenda, which may or may not include staff from NYSDEC/NYSDOH. See public meeting.
Background	Refers to the concentrations of contaminants (compounds) existing in various media (soil, groundwater, sediment) that originated from either natural sources (non man-made) or resulting from normal off-site activities of the population and commercial/industrial activity in the vicinity of the site not specifically related to site process operations. Also included in this category are parent or breakdown constituents of these compounds.
Benzene	A common organic chemical compound made up of six carbon atoms arranged in a hexagonal ring, with hydrogen atoms attached to each corner. Benzene is a widely used chemical in industry, and is often found in gasoline.
Brownfield Cleanup Program	The Brownfield Cleanup Program addresses the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. Under the BCP, a volunteer can enter into an agreement with the NYSDEC to investigate a site, remediate a site, or investigate and remediate a site. The volunteer agrees to remediate the site to a level which is protective of public health and the environment for the present or intended use of the property. Investigation and remediation is carried out under the oversight of NYSDEC and the New York State Department of Health. The volunteer pays a portion of the State's oversight costs. When the volunteer completes the remedial work, or if no remediation is necessary, the NYSDEC provides a release from liability for the work performed and the contaminants addressed, with standard reservations.
BTEX	An abbreviation for a group of chemical compounds: Benzene, Toluene, Ethylbenzene, and Xylene. Commonly found in MGP wastes and are also used as antiknock compounds in gasoline.
Carbureted Water Gas	Refers to a more sophisticated process for producing a higher quality gas. Either coke or coal was heated in a retort into which steam was injected. A chemical reaction took place that produced

a flammable gas mixture. Petroleum products or oils were then sprayed into this hot gas mixture creating another chemical reaction to form methane, which increased the heating and lighting value of the gas.

Citizen Participation	A program of planning and activities to encourage communication among people affected by or interested in hazardous waste sites and the government agencies responsible for investigating and remediating them.
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.
Coal Carbonization	Refers to the oldest and simplest process used for manufactured gas production. Coal was heated in closed ovens, or retorts, with no source of air. Volatile constituents of the coal were driven off as a gas. This low quality gas was collected, cooled and purified prior to being directed into a distribution system.
Coal Tar	A very viscous oily liquid that is one of the by-products of the manufactured gas process during production, purification and distribution.
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.
Division of Environmental Remediation	Formerly the Division of Hazardous Waste Remediation, a major program unit within the New York State Department of Environmental Conservation created to manage the hazardous waste site remedial program from site discovery through Operation and Maintenance activities. Staff include: engineers, geologists, chemists, attorneys, citizen participation specialists, environmental program specialists and support staff.
DNAPL	Refers to Dense Non-Aqueous Phase Liquid. A DNAPL is a liquid that is immiscible and remains as a separate phase or layer

in the environment and is heavier than water, thus making it sink through the groundwater.

Document Repository

Project documents and other information are placed in the Document Repository to facilitate convenient public access to these materials. The file generally is maintained in a public building near the MGP or gas holder site to provide access at a location and times convenient to the public. Refer to Section 8 for more information about the Document Repository location.

Engineering Controls (EC)

Engineering Control shall mean any physical barrier or method employed to actively or passively contain, stabilize or monitor hazardous waste or petroleum.

Fact Sheet

A written discussion about part or all of a site's investigation, prepared by Con Edison and reviewed by DEC and provided to the public. A fact sheet may focus on: a particular element of the site's investigation; opportunities for public involvement; availability of a report or other information, or announcement of a public meeting or comment period.

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 (RAs) 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.

Gas Holder

(Also known as a gasometer) is a large, expandable tank used to store gas at an MGP.

Groundwater

Refers to water below the land surface in a saturated zone of soil or rock. This includes perched water separated from the main body of groundwater in an unsaturated zone.

Holder Station

Gas holders were large storage tanks, either above or below ground that were used to maintain a supply of pressurized manufactured gas for introduction into the distribution system. The MGP would produce and purify the gas, and in some cases, because of the size of the distribution system or the area available for the plant, gas holders were located off the main plant site at other locations. Those places where just a gas holder was located are called holder stations.

Inorganic	Substances that do not contain carbon. Metals such as zinc and lead are inorganic substances.
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.
Institutional Controls (IC)	Institutional control shall mean any non-physical means of enforcing a restriction on the use of real property that limits human or environmental exposure.
LNAPL	Refers to Light Non-Aqueous Phase Liquid. A LNAPL is a liquid that is immiscible and remains as a separate phase or layer in the environment and is lighter than water, thus making it float or reside near the top of the groundwater.
Mailing List	Names, addresses and/or telephone numbers of individuals, groups, organizations, government officials and media affected by or interested in a particular hazardous waste site. The size of a mailing list and the categories included are influenced by population density, degree of interest in a site, the stage of the remedial process and other factors.
MGP	Refers to a Manufactured Gas Plant. This was an industrial facility at which gas was produced from coal, oil and other feedstock. The gas was used for heating and lighting.
Monitoring Well	A hole drilled into the soil or bedrock which enables officials to collect samples of groundwater at a specific horizontal and vertical location. The samples can then be tested to look for contaminants. Also use monitoring wells to gather water elevation data to generate ground water flow maps.
NAPL	Refers to Non-Aqueous Phase Liquid. A NAPL is an immiscible liquid that remains as a separate phase or layer in the environment (see LNAPL and DNAPL)
Natural Attenuation	A variety of natural processes by which contaminant concentrations decrease in soil or groundwater. For example, some bacteria break down contaminants into non-toxic substances like water and carbon dioxide.
New York State	Agency within the executive branch of New York State

Department of Health	government which works closely with DEC to evaluate potential health impacts and human exposures, reviews all site investigations, conducts health-related community outreach around sites, and reviews remedial actions to assure that public health concerns are adequately addressed.
Operable Unit (OU)	An administrative term used to identify a discrete portion of a site that can be addressed by a distinct investigation and/or cleanup approach. For example, groundwater contamination at a site may be considered as one operable unit, and soil contamination at the same site may be dealt with as a second operable unit.
Operation, Maintenance and Monitoring	A period in which remedial action may be conducted following construction at a site (for example, operation of a “pump and treat” system), or which is performed after a remedial action to assure its continued effectiveness and protection of people’s health and the environment (for example site inspections, well monitoring and other sampling).
Permeability	The extent to which a liquid or gas can move through a substance. For example, different types of soil have different permeabilities: water moves easily through predominantly sandy soils (a high permeability soil) and slowly through predominantly clay soils (a low permeability soil).
Plume	An area of chemicals moving away from its source in a feather-like (hence the name, plume) shape. For example, a plume can be a column of smoke drifting away from a chimney or an area where dissolved chemicals are moving with groundwater.
Polycyclic Aromatic Hydrocarbons (PAHs)	Contaminants typically found at power generation sites and associated with incomplete fossil fuel combustion.
Poly-Chlorinated Biphenyls (PCBs)	Contaminants typically found at electric power generation/substation sites.
PPB/PPM	The concentration of a substance in air, water, or soil. The abbreviations stand for part per billion (ppb) and part per million (ppm). One ppb means there is one part of a substance for every billion parts of the air, water or soil in which it is measured. One ppb is 1,000 times less than 1 ppm.
Public Meeting	A scheduled gathering of agency staff and the public to give and receive information, ask questions and discuss concerns about a site’s investigation. Staff from other NYSDEC divisions, legal

and health staff, and staff from consultants and a responsible party often attend. A public meeting, unlike an availability session, generally features a formal presentation and a detailed agenda.

Purifier Waste

(Also known as box waste) is a solid MGP waste that was produced during purification of the manufactured gas. It is typically found as a dark mixture of wood chips with a very strong, unpleasant burnt odor.

Receptor

Means any humans or biota that are, or may be expected to be, or have been, exposed to or affected by a contaminant from a site.

Remedial Action

Refers to those actions taken at or near a site as may be required by the NYSDEC, including without limitation, removal, treatment, containment, transportation, securing, or other engineering or institutional controls, whether of a permanent nature or otherwise, designed to ensure that any discharged contamination is remediated in compliance with applicable New York State standards, criteria, and guidelines.

Remedial Construction

The implementation of the remedial alternative selected to remediate (clean up) a site. A soil removal, installation of a groundwater treatment system, or installation of a landfill cap are all examples of remedial construction. Construction follows the Remedial Design stage of a site's remedial program.

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 which 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 the RI is then used to conduct a Feasibility Study (FS), which proposes and evaluates various remedial alternatives for the site.

Responsible Party

An individual or business who: currently owns or operates a former MGP or gas holder site; or historically owned or operated this type of site when waste was disposed; or generated waste at a site; or transported hazardous waste to a site.

Responsiveness Summary

The Responsiveness Summary is prepared by the NYSDEC to address public comments, questions and concerns regarding the proposed remedial action (PRAP) to be taken at a site. The

Responsiveness Summary is issued as part of the Remedial Action Program.

Sediment	Refers to soils or organic material in water, as found in lakes, rivers, streams, and other water bodies and in or close proximity to wetland areas. Material found in enclosed sumps, sewers, or piping systems not accessible to fish and wildlife and not forming any benthic or aquatic habitat are not considered sediments for the purpose of comparison to New York State requirements for sediment.
Semi-Volatile Organic Compounds	A group of chemicals similar to Volatile Organic Compounds that do not evaporate as easily.
Site Characterization	Generally refers to the first or initial phase or stage of the process of identifying potential areas of concern at a site. This is not as detailed or encompassing as a remedial investigation that may be conducted at a site.
Site Contact List	Names, addresses and/or telephone numbers of individuals, groups, organizations, government officials and media affected by or interested in a particular hazardous waste site. The size of a mailing list and the categories included are influenced by population density, degree of interest in a site, the stage of the remedial process and other factors.
Soil Boring	A circular hole made in the ground by a drill to collect soil samples deep in the ground. Samples are collected for testing to see if the subsurface soil has been contaminated. Sometimes these borings are converted into groundwater monitoring wells.
Soil Gas	Refers to the air and other gases found in the pore spaces of soils above the water table. (Below the water table, these pore spaces are filled with water)
Soil Gas Survey	A method for investigating the underground distribution of volatile organic compounds by looking for their vapors in the soil gas (air present in the gap between soil particles). In a soil gas survey, a small amount of soil gas is collected from various locations and tested for the presence of contaminants.
Tar Well	Refers to any subsurface tank or vessel used to accumulate or store tar. It is common to find these structures, partially or totally full of tar, during MGP investigations.
Volatile Organic Compounds (VOCs)	Carbon-containing chemicals that readily evaporate, such as some cleaning solvents and chemicals in gasoline.

Voluntary Cleanup Agreement

New York State's Voluntary Cleanup Program is a cooperative approach between NYSDEC, property owners, and responsible parties to investigate and/or remediate contaminated sites. Under the Voluntary Cleanup Program, a volunteer enters into an agreement and performs investigation and/or remedial activities pursuant to NYSDEC approved work plans. Investigation and/or remediation are carried out under the oversight of NYSDEC and the NYSDOH and the volunteer pays the State's oversight costs.

ACRONYMS

AAR	Alternatives Analysis Report
BCP	Brownfield Cleanup Program
BCA	Brownfield Cleanup Agreement
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
C & D	Construction and Demolition Debris
CP	Citizen Participation
DEC	Department of Environmental Conservation (DOH)
DER	Division of Environmental Remediation, formerly the Division of Hazardous Waste Remediation (NYSDEC)
DNAPL	Dense Non-Aqueous Phase Liquids
DOH	Department of Health (New York State)
DOW	Division of Water (NYSDEC)
EC	Environmental Control
ENB	Environmental Notice Bulletin
EPA	United States Environmental Protection Agency
F & W	Division of Fish and Wildlife (NYSDEC)
FOIL	Freedom of Information Law
FS	Feasibility Study
GPM	Gallons Per Minute
HeLP	Health Liaison Program (NYSDOH)
IC	Institutional Control
IRM	Interim Remedial Measure
MGP	Manufactured Gas Plants
mg/kg	milligrams per kilogram (PPM)
NAPL	Non-Aqueous Phase Liquid
ND	Non-Detect
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OM & M	Operation, Maintenance and Monitoring

OU	Operable Unit
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Poly-Chlorinated Biphenyl
POTW	Publicly Owned Treatment Works (sewage treatment plant)
ppm/ppb/ppt	parts per million/parts per billion/parts per trillion
QA/QC	Quality Assurance/Quality Control
RA	Remedial Action
RAS	Remedial Action Selection Report
RCRA	Resource Conservation and Recovery Act (Federal Law)
RD	Remedial Design
RHWRE	Regional Hazardous Waste Remediation Engineer
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Responsible Party
SCGs	Standards, Criteria and Guidance Values
SVOCs	Semi-Volatile Organic Compounds
TAGM	Technical and Administrative Guidance Memorandum
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage and Disposal Facility
ug/l	micrograms per liter (PPB)
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program

ATTACHMENT 3

Con Edison Citizen Participation Plan 2008

