



FACT SHEET

February 2007

Former Carroll Gardens/Public Place MGP Site
Site No: V00360
Brooklyn
Kings County, NY

Remedial Action Proposed For The On-Site Portion of the Former Carroll Gardens MGP Site

The New York State Department of Environmental Conservation (NYSDEC), working cooperatively with the New York State Department of Health (NYSDOH), has released a Proposed Remedy to address hazardous waste contamination at the Operable Unit1 (OU1) portion of the former Carroll Gardens (also known as Public Place) Manufactured Gas Plant (MGP) Site.

Operable Unit 1 is approximately 11.5 acres in size and consists of four parcels. Two of the parcels (I and II) are owned by the City of New York. The other two parcels are privately owned. Operable Unit 1 is bounded to the north by Fourth and Hoyt Streets, to the east by Bond Street to the south by Huntington Street and to the west by Smith Street. The site abuts the Gowanus Canal to the east and southeast.

Contamination which has spread beyond the limits of OU1 is being designated as OU2. Contamination found in the Gowanus Canal is being investigated as a separate project. The remedial investigations at OU 2 and in the Gowanus Canal are ongoing. See the attached figure which depicts the parcels comprising the OU1 portion of the site.

Site History

The former Carroll Gardens MGP site began operations in the 1860s. Gas was manufactured by heating coal and petroleum products, in a process which produced liquid waste commonly known as coal tar. This tar (a dark colored, oily liquid with a strong, objectionable odor) is the principal environmental contaminant present at the site, and is found at depths ranging from approximately 7 feet to 150 feet below the ground surface.

Brooklyn Union Gas, a predecessor of KeySpan, acquired the site in 1895. Production of Manufactured Gas ceased in the early 1950s, after which the plant was demolished. Brooklyn Union Gas sold the property in 1969. The City of New York took possession of Parcels I and II in 1975 through a condemnation proceeding. The other two parcels are owned by private parties.

Parcels 1, II and III contained the main gas manufacturing, purification, and storage facility, and is thus the most heavily contaminated portion of the site. Parcel IV contained only a slab-on-grade gas holder and contains minimal soil impacts. The OU-2 portion of the site consists of the surrounding areas contain tar impacts that have migrated through subsurface soils. OU-3 consists of the adjacent portions of the Gowanus Canal where contaminated sediments have been found. The full nature and extent of the MGP related contamination at OU-2 and OU-3 are still being investigated by KeySpan.

Public Meeting Invitation

February 22, 2007
6:00 P.M.

At

P. S. 32

317 Hoyt St

Brooklyn, NY 11201

Representatives of the
NYSDEC, NYSDOH and
KeySpan will be present to
discuss the will:

- Describe the results of detailed site investigations;
- Explain the Proposed Remedy and other alternatives considered;
- Answer your questions about the Proposed Remedy;
- Receive your verbal or written comments about the proposal.

Public Comment Period

From: Monday February 12,
2007 **To:** Wednesday March 14,
2007

Send Comments to:

Amen M. Omorogbe, P.E.
NYSDEC Division of
Environmental Remediation
625 Broadway, Albany, NY
12233-7014
email: amomorog@gw.dec.state.
ny.us

The Proposed Remedy: The alternative analysis prepared by KeySpan examines different ways to cleanup the former MGP property, and presents in detail the method of cleanup preferred by the NYSDEC and NYSDOH. The preferred remedy includes a combination of several remedial actions to deal with the coal tar in soils beneath the site. Several tar-contaminated MGP structures which remain in the subsurface will be removed, along with heavily contaminated soils immediately surrounding them. Elsewhere on the site, contaminated soils will be removed to a depth of approximately 8 feet below grade, shipped off site for treatment and disposal, and then replaced with clean soils from off site sources. Some tar has already migrated to depths beyond the reach of this excavation work. A subsurface barrier wall is proposed to keep this material from further movement off site and into the Gowanus Canal. Inside this barrier wall, mobile tar will be removed through a series of tar recovery wells. Long-term monitoring and deed restrictions will be required to ensure that the remedy remains effective and protective.

The decision document describing the proposed remedy, along with the Remedial Investigation and alternative analysis on which it is based, are available for review in the document repositories identified below.

Your Opportunities to Comment on the Proposed Remedy. Release of the remedy begins a process to finalize selection of the remedy for the OU-1 portion of the site. Your comments about the proposed remedy are welcome at the public meeting and during a public comment period which runs through March 14, 2007. Written comments may be sent until the end of the comment period by addressing them to Amen M. Omorogbe, P.E. at the address noted in the sidebar:

What Happens Next: All comments received during the public comment period will be considered as the remedy for the Former Carroll Gardens MGP Site is finalized. Public input will be factored into a Remedial Action Work Plan (RAWP) which will describe the remedy selected and why it was chosen. Work will then continue to design and implement the selected remedy.

Document Repository: (To access the complete Proposed Remedy and other site related information)

Community Board 6
250 Baltic Street
Brooklyn, NY 11201
Phone #: (718) 643-3027

For More Information: Please call or write the following staff:

Meeting/Comment Period:
Mr. Amen M. Omorogbe, P.E.
NYSDEC, Div. Of Environmental Remediation
625 Broadway, Albany, NY 12233-7014
(518) 402-9564

Health-Related Concerns:
Mr. Chris Doroski
NYSDOH, BEEI
Flanigan Square
547 River Street, Room 300
Troy, New York 12180-2216
1 (800) 458-1158 Ext. 27890