

June 2017 Update

Replacement of the Existing Water Siphons between Brooklyn and Staten Island "Siphon Project"

The Siphon Project is nearing completion! Abandonment of the chambers in Staten Island and Brooklyn that were part of the original siphons was completed last month, and work continues on the chlorination station. Upcoming work will focus on restoration of the Staten Island and Brooklyn shaft sites, along with remaining land piping work in Staten Island.

Background Information

The New York City Economic Development Corporation (EDC) is administering the Siphon Project, which is being funded by the New York City Department of Environmental Protection (DEP) and the Port Authority of New York & New Jersey (PANYNJ).

Major components of the project include the following:

- use of a TBM to install a new 72" water siphon
- installation of land piping (new water mains and sewers) in Staten Island and Brooklyn using open cut and microtunneling techniques
- construction of a new "green building" chlorination station in Staten Island
- implementation of an extensive community outreach program, including development of informational materials and ongoing liaison with residents, businesses and other stakeholders

Work During May 2017

- Continuation of preparatory work (drawings, permit applications and other submittals) in support of land piping and chlorination building activities in Staten Island and Brooklyn
- Continuation of work in support of construction of the new chlorination station, including installation of piping and equipment and testing of equipment
- Continuation of land piping work in Staten Island, including:
 - Installation of sewer drainage within the Staten Island Shaft Site and an 18" sewer along Front Street in the vicinity of the Staten Island Shaft Site
- Continuation of cleanup of Brooklyn Shaft Site in preparation for restoration of Shore Road Park
- Initial restoration of Shore Road Park, including installation of formwork for walkway
- Community outreach activities, including coordination with Staten Island Community Board #1, Brooklyn Community Board #10, representatives of Fort Hamilton High School, and other groups and individuals; preparation and distribution of informational materials (Project Update, etc.); updating of the project web site; and ongoing liaison with residents, businesses, and other interested stakeholders and constituencies

Work Projected for June 2017

- Continuation of preparatory work (drawings, permit applications and other submittals) in support of land piping and chlorination building activities in Staten Island and Brooklyn

- Continuation of work in support of construction of the new chlorination station, including installation of piping and equipment within the building and testing of equipment
- Continuation of land piping work in Staten Island, including:
 - Installation of sewer drainage within the Staten Island Shaft Site
 - Installation of a 48" sewer outfall on Front Street in the vicinity of the Staten Island Shaft Site [**NOTE:** This work may require **intermittent** closure of Front Street, between Wave and Hannah Streets, to vehicular and pedestrian traffic.]
- Continuation of cleanup of Brooklyn Shaft Site in preparation for restoration of Shore Road Park
- Continuation of restoration of Shore Road Park, including installation of walkway and landscaping
- Continuation of community outreach program, including coordination and meetings with Staten Island Community Board #1, Brooklyn Community Board #10, representatives of Fort Hamilton High School, and other groups and individuals, as needed; preparation and distribution of informational materials (Project Update, Construction Notices, etc.); updating of project web site; and ongoing liaison with residents, businesses and other interested stakeholders and constituencies

For additional information concerning these activities or other aspects of the Siphon construction project, please contact:

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Or visit the project website at: <http://www.nycedc.com/project/replacement-anchorage-channel-water-siphons>. See website for video illustrating the process by which the 110-ton, 300-foot long TBM drilled a distance of nearly two (2) miles, 100 feet beneath New York Harbor.



Grading of Brooklyn Shaft Site in Preparation for Restoration of Shore Road Park



Installation of 18" Sewer along Front Street, vicinity of Richmond Chlorination Station
(top and bottom photos)





Chlorination Station Shows New Growth