

ExxonMobil Progress

Greenpoint Community News

SUMMER 2019



Ever have lunch with an Angel?

This year ExxonMobil once again supported the North Brooklyn Angels in their quest to alleviate food insecurity in our community. The first annual Neighbors Helping Neighbors luncheon, held at the Warsaw, sponsored by Broadway Stages and supported by ExxonMobil, was a great success, raising over \$130,000 for the Angels. At the luncheon, Borough President Eric Adams, restaurateur Josh Cohen, and Ana Oliviera, Marketing Executive for Investors Bank, were honored as Neighbors of the Year for their steadfast support of this important program.

Students from the Brownsville Culinary Community Center, whose mission is to address issues around food scarcity by offering healthy, accessible cuisine to

neighborhood residents, prepared and served the delicious lunch. The Center offers a culinary training program designed to educate and inspire participants to excel in the food-service industry.

The funds raised at the luncheon will help the Angels achieve their goal of providing over 50,000 meals in North Brooklyn this year. ExxonMobil is proud to be a supporter of the North Brooklyn Angels, and wish them the best of luck in attaining their worthy goal!

2018 Accomplishments

- 23 recovery wells were operated as part of the overall product recovery efforts.
- Liquid free-product recovery is decreasing as predicted by scientific modeling.
- Recovered and treated 273,123,090 gallons of groundwater to Clean Water Act Standards.
- Recovered an estimated 68,626 gallons of liquid product, bringing the lifetime estimated total of product recovered by ExxonMobil to approximately 9 million gallons.
- The total amount of product recovered by all parties (ExxonMobil, BP and Texaco) rose to 13 million gallons.
- Significant modifications and upgrades were made to the Off-site treatment plant in an effort to further enhance efficiency and longevity of equipment.
- Operation of the Soil Vapor Extraction (SVE) System removed an estimated liquid equivalent of 16,738 gallons of product.
- Continued evaluation of new techniques for enhancing liquid product recovery, including Vacuum-Enhanced Recovery (VER) and Pressure-pulse water-flooding technology.
- In accordance with the March 1, 2011 Consent Decree, numerous reports and progress updates were provided to the NYSDEC and made available for review by the public.

2019 Updates

- On-going soil vapor monitoring efforts, sampling permanent soil vapor points throughout the residential and commercial areas.
- On-going groundwater monitoring efforts, sampling monitoring wells throughout residential and commercial areas.
- Implemented pressure-pulse water-flooding technology as an interim remedial measure in an effort to enhance liquid product recovery at recovery wells located within OU-4 and OU-5.

Project Progress Towards Completion

The Greenpoint Petroleum Remediation Project continues to make good progress towards completion, while maintaining a strict focus on the protection of human health and the environment.

- System run-time performance is above 90%, and the petroleum plume continues to shrink both in area and thickness.
- Monitoring data confirm that groundwater is hydraulically controlled and moves towards the recovery wells.
- NYSDEC issued a draft decision document for Operable Unit 3, approving ExxonMobil's recommended remedy, which will be completed by the end of 2019/beginning of 2020, pending access to third party-owned property.

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27 Million Oysters!

The mission of the Billion Oyster Project (BOP) is to restore oysters to New York waters through public education initiatives. So far, BOP has restored 27,475,800 oysters to New York waters, and ExxonMobil congratulates the organization on its incredible success. The oyster shells used in the program begin their return to the water at local restaurants, where the shells are gathered and then delivered to the former Mobil facility in Brooklyn, NY. The facility acts as a way station for collection and storage of the oyster shells prior to their being delivered to the Harbor School on Governor's Island, where the shells are inoculated with juvenile oysters (called spat), and then finally placed into NY waters.

Why Oysters?

As explained on the BOP website, "oysters have a remarkable ability to filter nitrogen pollution from water as they eat. This is a heroic feat, because excessive nitrogen triggers algal blooms that deplete the water of oxygen and create "dead zones."

Oysters play a key role in attracting life. They earn their nickname as "ecosystem engineers" because we see biodiversity levels increase dramatically surrounding oyster reefs.

Oyster reefs can help to protect New York City from storm damage—softening the blow of large waves, reducing flooding, and preventing erosion.

Restoring oysters and reefs will, over time, restore the local marine ecosystem's natural mechanisms for maintaining itself, resulting in cleaner water and greater biodiversity."

Environmental Education

The New York Harbor School, "a maritime high-school located on Governors Island, is the flagship school of the Billion Oyster Project, and its students contribute to Billion Oyster Project as part of their Career and Technical Education (CTE) experience—growing oysters, designing and building oyster reef structures, diving to monitor reefs, operating boats, performing marine biology research, and more."

Open Letter to Residents

Welcome to the 11th issue of the ExxonMobil Greenpoint Progress newsletter. This newsletter is published to keep you informed about the progress of the Greenpoint Petroleum Remediation Project, as well as our efforts in supporting local schools and community organizations. ExxonMobil is committed to supporting the communities where we operate. In Greenpoint we support a variety of organizations, including:

PS 34	Big Brooklyn Holiday Toy Drive
PS 110	Brooklyn Chamber of Commerce
MS 126	NY League of Conservation Voters
HarborLAB	Education Foundation
Evergreen Exchange	Waterfront Alliance
People's Firehouse	North Brooklyn Chamber of Commerce
North Brooklyn Development	Pure Earth
North Brooklyn Neighbors Helping Neighbors	The Billion Oyster Project
YMCA Strong Kids	North Brooklyn Angels
Go Green! Brooklyn Festival	
St. Nick's Alliance	

As always, if you have any questions about our work or the programs we support, please feel free to contact me.

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