

ExxonMobil Progress

Greenpoint Community News

FALL 2021



North Brooklyn Angels on the Move!

The Angels now have a new office on Kent Street, in Greenpoint thanks to Reverend John Merz and the Church of the Ascension. Speaking of moving, have you seen the new Angels Odyssey minivan courtesy of the Brooklyn Nets, the Barclay Center and Team Honda Cares? The Odyssey van will help the Angels to do even more to address food insecurity in North Brooklyn. Each week the Angels prepare over 1200 healthy meals for our neighbors in need, and ExxonMobil is a proud supporter of their efforts!

2020 Accomplishments

- 23 recovery wells were operated under NYSDEC oversight as part of the overall product recovery efforts.
- Liquid free-product recovery is decreasing as predicted by scientific modeling.
- Recovered and treated approximately 339 million gallons of groundwater to Clean Water Act Standards.
- Recovered an estimated 39,034 gallons of liquid product, bringing the lifetime estimated total of product recovered by ExxonMobil to over 9.1 million gallons
- The total amount of product recovered by all parties (ExxonMobil, BP and Texaco) is over 13 million gallons.
- Operation of the Soil Vapor Extraction (SVE) System removed an estimated liquid equivalent of 7,564 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.
- Recovery well RW-E met the criteria of the Recovery Well Shutdown Procedure and shutdown was approved by the NYSDEC.
- Final Engineering Report was submitted to document ExxonMobil's implementation of the Remedial Action Work Plan for Operable Unit 1.

2020 Updates

- We continue to operate the product recovery system and have gained NYSDEC approval to shut down wells that no longer recover significant amounts of product, as noted below.
- On-going soil vapor monitoring efforts, sampling permanent soil vapor points both on and off site.
- On-going groundwater monitoring efforts, sampling monitoring wells both on and off site.
- On-going pressure-pulse water-flooding activities as an interim remedial measure in an effort to enhance liquid product recovery at recovery wells located within Operable Units 4 and 5
- On-going VER activities in an effort to enhance vapor and liquid product recovery at recovery wells located within Operable Units 5 and 7.
- Recovery well RW-E will be shut down in 2021 and properly decommissioned as per approval from NYSDEC.
- Remedial Action Work Plan was submitted with ExxonMobil's recommended remedy for Operable Unit 3.

Project Progress Towards Completion

- The Greenpoint Petroleum Remediation Project is making good progress towards completion, with a strict focus on the protection of human health and the environment.
- The System continues to exhibit excellent reliability, with run-time performance above 90%, as the product plume continues to shrink in area as well as thickness.
- Monitoring data confirm that groundwater is hydraulically controlled and moves towards the recovery wells.
- Recovery well RW-J met the criteria for well shutdown with approximately 90 percent runtime and reduced recovery over time. The recovery well was decommissioned in 2017-2018 with approval from NYSDEC.
- Recovery well RW-E met the criteria for well shutdown with approximately 90 percent runtime and reduced recovery over time and shutdown was approved by the NYSDEC. The recovery well was decommissioned in 2021 with approval from NYSDEC.
- The ability to turn off recovery wells noted above is demonstrated by the continued shrinkage of the product plume area and thickness throughout the Site.
- Project team completed the final excavation activities within OU-3, marking the final intrusive activity required in that operable unit.
- ExxonMobil partnered with Microgrid Networks, LLC to install a 4,800 KW battery storage facility that will reinforce the local electrical grid in Greenpoint during times of increased demand. The battery storage system, expected to come online in 2022 will optimize the energy usage at the remediation project, and enhance system resiliency and runtime through the provision of backup power supply to the remediation systems.

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YMCA Early Childhood Center is Reopening!

The Greenpoint YMCA Early Childhood Center is scheduled to reopen in January of 2022. The Center builds strong kids, strong families, and strong communities through a preschool program and comprehensive child care. The Early Childhood Center focuses on the developmental needs of each child to foster intellectual, emotional, physical and social growth. Using play-based learning techniques, children can explore the environment as they experiment with hands-on activities. Learning takes place daily in science, math, literacy, dramatic play, art, and sensory centers. ExxonMobil supports this worthy program as a part of our ongoing commitment to the Greenpoint community.

Dear Greenpoint residents:

Welcome to the 14th issue of the Greenpoint Progress newsletter. ExxonMobil and our environmental contractor, Roux have made good progress on the Greenpoint Remediation Project, despite the challenges posed by the Covid-19 pandemic. We publish this newsletter to keep you informed about the progress of the remediation effort, as well as our support for local schools and community organizations, as listed below:

PS 34	Go Green! Brooklyn Festival
PS 110	St. Nick's Alliance
MS 126	HarborLAB
IS 318	Brooklyn Chamber of Commerce
North Brooklyn Angels	Billion Oyster Project
Evergreen Exchange	North Brooklyn Chamber of Commerce
North Brooklyn Neighbors	
YMCA Strong Kids	

If you have any questions about our progress or the programs we support, please feel free to contact me for additional information.

A handwritten signature in blue ink, appearing to read 'Kevin Thompson'.

KEVIN THOMPSON
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ExxonMobil

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