

# ExxonMobil Progress

## Greenpoint Community News

FALL 2022



## Angels Bring The Heat!

The North Brooklyn Angels recently took delivery of “Blue Heat” a brand new food truck purchased and outfitted thanks to the generous support of local donors Norm, Phil, Shlomo, and Noah. Blue Heat’s beautiful paint scheme was donated by the amazing designers and artists of The Young Jerks and Colossal Media. Blue Heat certainly stands out, bringing much needed attention to the mission of the Angels to address food insecurity in our community. ExxonMobil’s Kevin Thompson serves as the Treasurer for the Angels, and the company has supported the Angels since their inception.

### 2021 Accomplishments

- 22 product recovery wells were operated under NYSDEC oversight.
- Liquid free-product recovery is decreasing as predicted by scientific modeling.
- Along with liquid product, recovered and treated approximately 363 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 now over 13 million gallons.
- 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. Following NYSDEC approval of the shutdown, RW-E decommissioning activities, including underground storage tank closure, were completed.

### 2022 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.
- 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, 7, and 8.
- Recovery well RW-22 will be shut down in 2022 and properly decommissioned as per approval from NYSDEC.

### Project Progress Towards Completion

- The Greenpoint Petroleum Remediation Project is making good progress towards completion of liquid product recovery, while maintaining a strict focus on the protection of human health and the environment.
- The product recovery system continues to exhibit excellent reliability, with run-time performance above 90%.
- Monitoring data confirm that groundwater moves towards the recovery wells.
- Recovery well RW-J was proposed for 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. .
- Recovery well RW-22 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 will be decommissioned in 2022 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.
- The Project team initiated additional TPH Excavation IRM activities in OU-4 in 4Q 2021 and completed the activities in 1Q 2022.

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## Christodora - In the Classroom, in the City, in the Country

**C**hristodora provides opportunities for NYC's young people to learn about the environment and experience the natural world first-hand. Christodora provides truly transformative experiences with nature, allowing students to better understand the natural world and shape their role within it.

What began as a settlement house in 1897 is now an "ecosystem" of programs providing support and learning for NYC middle and high school students—in public school classrooms, natural areas around the city, at a camp in the Berkshire Mountains, and at other wilderness sites around the country.

Christodora works in public school classrooms, where Environmental Educators teach a customized 7-week environmental science curriculum; in weekend urban ecology and community service programs; at the 85-acre Manice Education Center; and with distinguished partner institutions providing opportunities for advanced study and wilderness programs. ExxonMobil is proud to support the work of Christodora in introducing NYC students to our natural world.

### Dear Greenpoint residents:

Welcome to the 15th issue of the Greenpoint Progress newsletter. ExxonMobil and our environmental contractor, Roux have been working hard to complete the liquid product recovery phase of the Greenpoint Remediation Project, and we are making good progress. We publish this newsletter to keep you informed about the status of the project, as well as our support for local schools and community organizations, as listed below:

|                          |                                    |
|--------------------------|------------------------------------|
| PS 34                    | Schoolfest                         |
| PS 110                   | St. Nick's Alliance                |
| MS 126                   | HarborLAB                          |
| IS 318                   | Brooklyn Chamber of Commerce       |
| Christodora              | Billion Oyster Project             |
| North Brooklyn Angels    | North Brooklyn Chamber of Commerce |
| Evergreen Exchange       |                                    |
| North Brooklyn Neighbors |                                    |
| Greenpoint YMCA          |                                    |

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

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