

## **2019 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 over 280 million gallons of groundwater to Clean Water Act Standards.
- Recovered an estimated 36,658 gallons of liquid product, bringing the lifetime estimated total of product recovered by ExxonMobil to over 9 million gallons.
- The total amount of product recovered by all parties (ExxonMobil, BP and Texaco) is over 13 million gallons.
- Significant modifications and upgrades were made to the off-site groundwater treatment plant in an effort to extract as much liquid product as feasible and improve upon longevity of equipment.
- Operation of the Soil Vapor Extraction (SVE) System removed an estimated liquid equivalent of 9,065 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.
- Held meeting for local residents and environmental organizations in order to report on the remedial progress being made and the path forward.

## **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.
- Implemented pressure-pulse water-flooding technology as an interim remedial measure in an effort to enhance liquid product recovery at recovery wells located within Operable Units 4 and 5.

## **Project Progress Towards Completion**

The Greenpoint Petroleum Remediation Project continues to make 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%, and the petroleum 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 with approval from NYSDEC.
- Remedial Action Work Plan to be submitted in 2021 with ExxonMobil's recommended remedy for Operable Unit 3.