

ExxonMobil Progress

Greenpoint Community News

SUMMER 2015 | VOL. 7 | EDITION 1



We've got a **SYSTEM** for everyone!

This is the sixth year that ExxonMobil, the YMCA, NYU's Wallerstein Collaborative for Environmental Education and Broadway Stages have hosted local high school students in our Summer Youth Science, Technology, Engineering and Math (SYSTEM) summer camp. The camp is both an educational opportunity for students contemplating a career in the STEM subjects as well as a fun and exciting summer job.

Each year a graduate student from NYU designs the six-week long program around the STEM fields; this summer the students had modules in Environmental Science, Ecology, Community Gardening and Engagement, Green Technology and Engineering, and Green Careers. Pictured at left, SYSTEM participants tour the ExxonMobil Greenpoint Remediation Project.

2014 Accomplishments

- > ExxonMobil recovered an estimated 131,727 gallons of product, bringing total product recovered to 8,718,378 gallons.
- > The operation of the 21 recovery wells continued, with an average of 361 gallons of product recovered per day, with an average operational run time of 94%.
- > Installed two new recovery wells that will be brought online during 2015 to enhance free-product recovery.
- > Operation of the Soil Vapor Extraction (SVE) Flame-Ox System, located at 38 Varick Street, continued to mitigate any methane soil vapor at the intersection of Bridgewater, Norman and Apollo Streets, removing an estimated equivalent of 16,797 gallons of product in 2014.
- > Completed installation of OU-5 SVE Expansion, which was connected to the Flame-Ox System.
- > In accordance with the March 1, 2011 Consent Decree, numerous reports and progress updates were provided to the NYSDEC and are available for review by the public.
- > Completed installation of storm and sanitary sewer piping along Monitor Street to allow for potential future installation of a storm water management system for ExxonMobil-owned properties.
- > Recycled 576 pounds of aluminum and plastic, 1,920 pounds of cardboard and 240 pounds of paper.

2015 Updates

- > Soil vapor monitoring continues, sampling over 100 permanent soil vapor points within residential and commercial areas.
- > Groundwater monitoring continues, sampling over 140 monitoring wells throughout residential and commercial areas.
- > Vacuum Enhanced Recovery at select recovery well locations continues to increase vapor-phase product recovery rates.
- > Installation/startup of two new recovery wells and the reinstallation of an existing recovery well to enhance free product recovery.
- > Installation/startup of the Operating Unit 7 & 8 SVE expansion, which will be connected to the Flame-Ox System.
- > Installation/optimization of the ORS Calco Backwash Treatment System, located at 5 Bridge-water Street, to improve system efficiency and performance.
- > Installation of the natural gas-powered backup generator at 400 Kingsland Ave.
- > Continued Operating Unit-4 Sidewalk repairs and improvements.

ExxonMobil: An active participant in community life

McGolrick Park Clean Up

For the second year in a row, ExxonMobil has proudly supported the McGolrick Park Clean Up Initiative by donating supplies, tools and volunteer work. This year's event was organized by the McGolrick Park Neighborhood Alliance and Curb Your Litter, which focused on cleaning up the park and then collecting and analyzing trash from the surrounding blocks in the area for research. With the research findings, Curb Your Litter will help reduce the amount of litter in Greenpoint by incorporating focused waste education and outreach to the residents, local businesses and students the neighborhood. The litter analysis will also be used to determine where to install several new litter baskets, recycling systems and solar compactors. This year over 65 people joined the event and donated their time collecting nearly 400 pounds of litter.



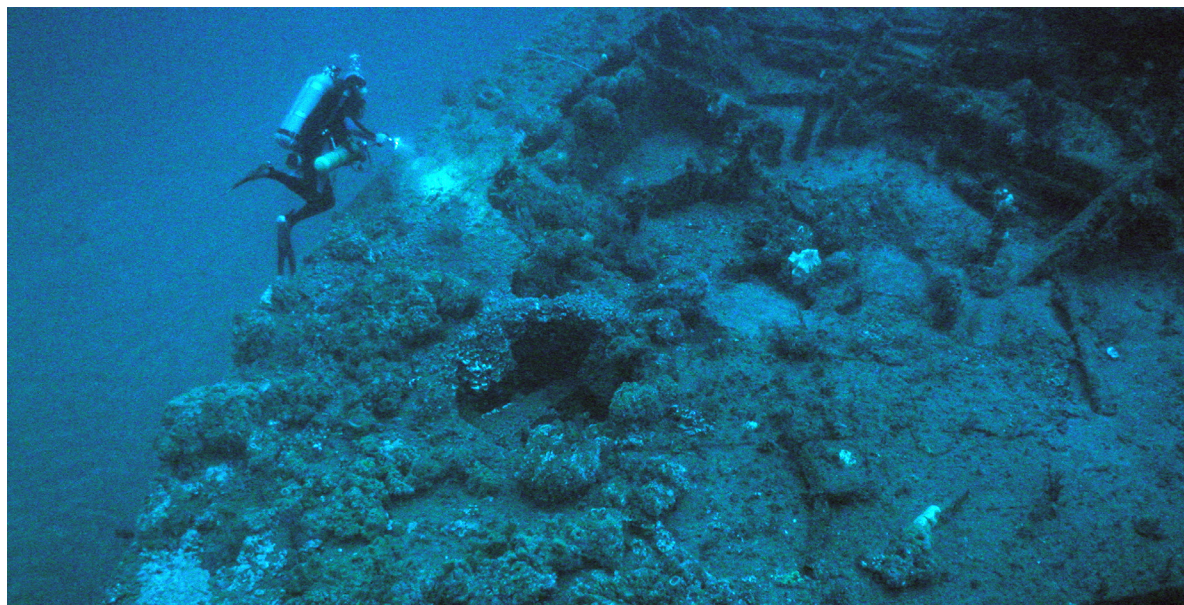
Green Science Week at PS 110

ExxonMobil and Broadway Stages partnered again to sponsor Green Science Week for the students at PS 110, the Monitor School. As always during Green Science Week a series of fun, educational and hands-on programs were presented, with the assistance of community partners from Mad Science, the Queen's Botanical Garden and Alley Pond Environmental Center. The Mad Scientist taught the students about chemistry and physics; Queen's Botanical Garden taught the children about botany, farming and gardening. An educator from Alley Pond Environmental Center taught the students about the importance of keeping our waterways clean and healthy, and how they can help to prevent pollution and conserve water.

ExxonMobil

38 Varick Street, Brooklyn, New York 11222

Diving Deep for Science



Greenpoint historically was a manufacturing center, famous for its ship building skills. The USS Monitor, a world-famous, iron-clad warship, was one example. Built and launched in Greenpoint in 1862, the vessel was commissioned by President Abraham Lincoln. At the Battle of Hampton Roads, the USS Monitor was instrumental in defending the Union blockade of the Port of Norfolk, preventing crucial supplies from entering or leaving the Confederate port. After that battle, and the capture of Norfolk by Union forces, the Monitor was being moved south under tow when she foundered and sank during a storm off of Cape Hatteras, North Carolina. The exact location of the wreck was unknown, and the Monitor was not seen again for many years.

ExxonMobil's Greenpoint Community

Liaison Kevin Thompson recently had the opportunity to participate in the 2015 USS Monitor Dive project, sponsored by the Wildlife Conservation Society's New York Aquarium, and conducted under a scientific diving permit granted by the National Oceanic and Atmospheric Administration. Today, the vessel, discovered in 1973 by scientists from Duke University, lies in 230 feet of water, 16 miles from Cape Hatteras. As a vessel of historic significance, the wreck of the Monitor was designated the nation's first marine sanctuary on January 30, 1975. This year is the 40th anniversary of the founding of the Monitor Sanctuary, and in celebration of that anniversary, the Monitor divers documented the state of the Monitor wreck, and performed an underwater video survey of the marine life on the wreck. *(Photo courtesy of NOAA)*

Open Letter to Residents

Welcome to the seventh issue of the ExxonMobil Greenpoint Progress, a newsletter designed to keep you informed regarding the accomplishments of the Greenpoint Petroleum Remediation Project and ExxonMobil's support for the Greenpoint community. As your Greenpoint community liaison, I would like to extend our thanks for your patience, encouragement and support of our remediation work. In this newsletter we share with you the progress we have made in conducting the remediation, as well as our efforts at supporting the Greenpoint schools and community organizations.

ExxonMobil is committed to improving the quality of life in the communities where we operate. Our three corporate focus areas are education, health and improving economic opportunities for women. In Greenpoint we seek to further these objectives by supporting a number of schools and other worthy organizations, including:

PS 34 and 110
MS 126 and IS 318
Williamsburg High School for
Architecture & Design
ExxonMobil SYSTEM summer camp
YMCA Strong Kids program
Go Green! Greenpoint Festival
Big Brooklyn Toy Drive

Greenpoint Hunger Project
Greenpoint Graffiti Cleanup
McGolrick Park Neighborhood
Alliance
Curb Your Litter
Lentol Gardens
Groundswell Mural Project
Brooklyn Chamber of Commerce

Greenpoint Chamber of Commerce
Queens Chamber of Commerce
NY League of Conservation Voters
Education Foundation
Waterfront Alliance
Working Harbor Committee
Neighbors Allied for Good Growth

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

Kevin Thompson
Community Liaison