



Brownfields Revitalization Transforms the Lower Schuylkill

US Gypsum and Transmontaigne Sites Philadelphia, Pennsylvania

Background

The US Gypsum Site was once part of the Gibson Point Terminal of the Gulf Oil Corporation. In 1929, the site was converted to a gypsum manufacturing company that operated until 1988. Subsequent to 1988, the Site was converted to a concrete mixing plant that received aggregate from barges until 2002. Structures and tanks at the site were demolished and removed in 2007. The Transmontaigne Site is a former oil terminal that operated nearly 75 years. Both sites are now known as Bartram's South.



Pre-Cleanup of the Site, Facing Northwest

Environmental Issues Addressed

The presence of liquid petroleum in wells at the site and volatile and semi-volatile organic compounds have been identified in the soil and groundwater. The cleanup involved removal of the

liquid petroleum from the groundwater, excavation and disposal of impacted soil, and demonstration of attainment of Pennsylvania Non-Residential Site-Specific Standards. Active removal of soil was completed in the early of 2013, followed by monitoring of sampling wells to ensure that groundwater remediation is complete.

Pre-demolition of Brick Building



EPA Grant Recipient:

Philadelphia Authority for Industrial Development/Philadelphia Industrial Development Corporation (PAID/PIDC)

Year Awarded: 2012

Grant Types: (2) Petroleum Site Cleanups, \$400,000

Former Uses: Bulk oil storage/blending, gypsum manufacturing, auto repair, and chemical storage

Current Planned Uses: Support up to 170,000 sq. feet of commercial use and extension of the Schuylkill River Trail



Layout of the Site

Behind the Transformation

The Cleanup

Remedial activities occurred during the period of October 2012 through March 2013. In total, 6,730 tons of Light Non-Aqueous Phase Liquids- (LNAPL) impacted soils were excavated from the US Gypsum Site and 8,286 tons from the Transmontaigne Site which were recycled off site.



LNAPL and Oil on the Water Table

LNAPL was recovered from excavations both through pumping to a treatment tank and direct collection using a vac-truck. Approximately 26,254 gallons of oily water from US Gypsum and 105,017 gallons from Transmontaigne were disposed of. The site has since been restored to pre-remedial elevations.

Plans & Efforts to Reuse the Site

The Site is strategically located on the Schuylkill River between Bartram Gardens and University City. The City of Philadelphia's "Lower Schuylkill Master Plan" designates the combined 28 acre site as a priority development area that will ultimately support up to 170,000 SF of new high-quality development, a publicly-accessible riverfront trail, and new transportation infrastructure.



Final Grade of Property

For Further Information:

Kate McNamara, PDIC
215-496-8174
kmcnamara@PIDCphila.com

Stephanie Branche, EPA Project Officer
215-849-3034
Branche.stephanie@epa.gov

