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**FACT SHEET** **Brownfield Cleanup Program**

**ExxonMobil Oil Corporation**  
**Former Buffalo Terminal**  
**Site Number: C915201**  
**Buffalo, NY**

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**Remedial Investigation Report Under Review;  
Report Recommends Remediation of Brownfield Site Contamination**

Environmental investigations have been completed for the ExxonMobil Oil Corporation (ExxonMobil) former Buffalo Terminal (site) located at 625 Elk Street in the City of Buffalo, Erie County, under the direction of the New York State Department of Environmental Conservation (NYSDEC). The portion of the site that currently operates as a petroleum products storage and distribution facility is now owned and operated by Buckeye Terminals LLC with the surrounding buffer area owned by ExxonMobil. See map on last page for the location of the site. ExxonMobil has applied to New York's Brownfield Cleanup Program (BCP). The application proposes that the site will be used for industrial purposes following cleanup. As part of the application, ExxonMobil has included Remedial Investigation (RI) Reports which describe the results of environmental investigations at the site and recommend remedial action to address contamination found at the site. The RI Reports are available at the document repository identified in this fact sheet.

**Highlights of the Remedial Investigation Report**

The RI Report has several goals:

- 1) describe the investigation activities completed;
- 2) describe the nature and extent of contamination at the brownfield site;
- 3) provide information about off-site contamination issues, and
- 4) explain why remediation is required. "Remediation" means all necessary actions to address any known or suspected contamination associated with the site.

Exxon Mobil performed various investigations at the site and submitted reports to NYSDEC. These documents, which are available for review at the document repository, document key aspects of the environmental conditions at the site. In general, the soil, groundwater and sediment quality in many areas of the site have been impacted by former industrial activities at the site.

**Brownfield Cleanup Program:** New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing and business.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit:  
[www.dec.state.ny.us/website/der/bcp](http://www.dec.state.ny.us/website/der/bcp)

- Soil testing indicates that volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) and metals are present in the soil across the site, some exceeding NYSDEC Recommended Soil Cleanup Objectives.
- Groundwater testing indicates that VOCs, SVOCs and metals are present in the groundwater, some exceeding state standards. Additionally, pure petroleum products are present in the ground in the southern portion of the site.

- Sediment samples collected from locations along the Buffalo River indicate the presence of petroleum and non-petroleum contaminants.

ExxonMobil is entering the BCP in order to implement cleanup activities that will remediate the brownfield site to a level that is protective of human health and the environment, taking into account the current intended and anticipated future use of the site.

#### **Significant Threat Determination**

NYSDEC has determined that the contamination at the ExxonMobil site poses a significant threat to the environment. NYSDEC made the determination that the site poses a significant threat because the contaminants at the site are impacting the Buffalo River and nearby sewers.

#### **Next Steps**

NYSDEC will complete its review, have any necessary revisions made and, if appropriate, approve the RI Report. The approved RI Report will be placed in the document repository. ExxonMobil may then develop a Remedial Work Plan, describing how they plan to address the contamination at the brownfield site. The remedial work would be performed with oversight by NYSDEC and NYSDOH. When ExxonMobil submits a Remedial Work Plan for approval, NYSDEC will announce the availability of the draft plan for public review and a 45-day comment period.

NYSDEC will keep the public informed throughout the investigation and remediation of the ExxonMobil site.

#### **Background**

The ExxonMobil Former Buffalo Terminal site encompasses approximately 90.4 acres and is located in a largely industrial section of the City of Buffalo, Erie County. The site borders the Buffalo River, and historically operated as a petroleum refinery until 1981. Subsequently and still today, a portion of the site continues to be used as a petroleum distribution terminal. The distribution terminal is now owned and operated by Buckeye Terminals, LLC and receives petroleum product via pipeline and barge.

As a result of previous investigations, a variety of cleanup activities have already taken place. The majority of environmental cleanup activities have focused on groundwater control beneath the site and recovery of separate-phase product. Two groundwater extraction systems are currently operating at the site, the Well Point System (installed 1971) and the Dual-Phase Recovery System (installed 1993). The groundwater removed from the ground by these systems is treated by the site's water treatment system..

ExxonMobil submitted its BCP application to NYSDEC on September 20, 2005. The BCP application also includes a Conceptual Site Plan (CSP) that summarizes historical site information. Remedial action objectives for possible cleanup of the site is also included in the CSP.

#### **FOR MORE INFORMATION**

##### **Document Repository**

A local document repository has been established at the following location to help the public to review important project documents. These documents include the RI Report and the application to participate in the BCP accepted by NYSDEC:

Valley Community Center  
Attention: Peg Overdorf/Marie Hernandez  
93 Leddy Street  
Buffalo, NY 14210  
Phone: (716) 823-4707 or (716) 823-8299

**Who to Contact**

Comments and questions are always welcome and should be directed as follows:

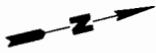
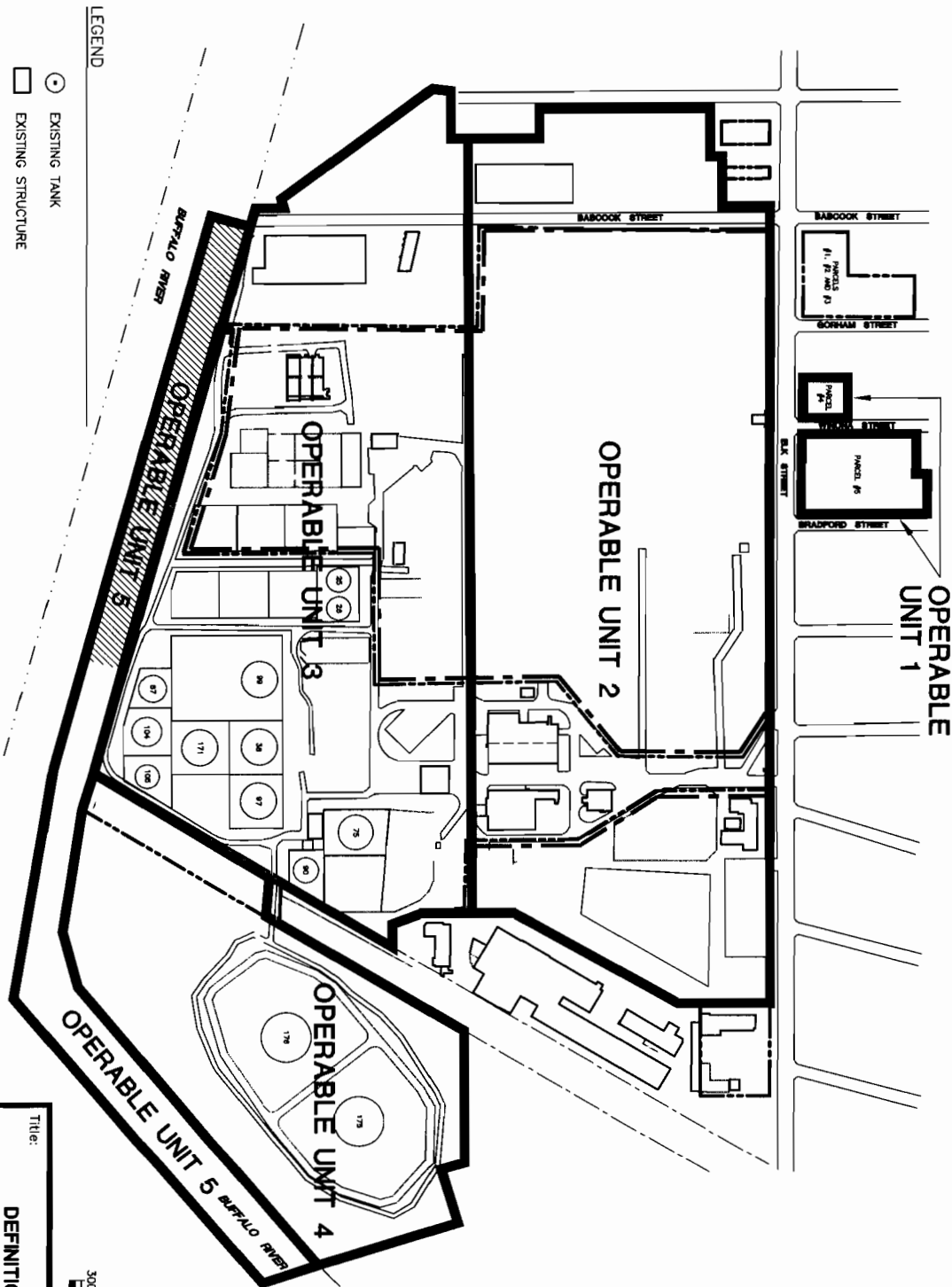
Project Related Questions

Jaspal S. Walia, P.E.  
New York State Department of Environmental  
Conservation  
270 Michigan Avenue  
Buffalo, NY 14203  
(716) 851-7220  
jswalia@gw.dec.state.ny.us

Health Related Questions

Cameron O'Connor  
New York State Department of Health  
584 Delaware Avenue  
Buffalo, NY 14202  
(716) 847-4385

If you know someone who would like to be added to the project mailing list, have them contact the NYSDEC project manager above. We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.



- LEGEND**
- ⊙ EXISTING TANK
  - EXISTING STRUCTURE
  - PROPERTY CURRENTLY OWNED BY EXXONMOBIL (BASED ON DENLUCK-O'NEILL ENGINEERING AND SURVEYING, DEC. 15, 1988; AND NUSSBAUMER & CLARKE, INC. FEBRUARY 6, 1995)
  - LIMITS OF PROPERTY FORMERLY OWNED BY EXXONMOBIL OIL CORPORATION
  - OPERABLE UNIT BOUNDARY
  - ////// AREA WHERE EXXONMOBIL HAS PARTICIPATED IN DREDGING OPERATIONS TO MAINTAIN BARGE ACCESS TO THE SITE
  - PROPERTY OWNED AND OPERATED BY BUCKEYE TERMINALS, LLC AS OF MAY 4, 2005

**NOTES**

1. OPERABLE UNIT 5 IS NOT PART OF THE CURRENT OR FORMER EXXONMOBIL PROPERTY.
2. THE BROWNFIELD SITE IS DEFINED AS ALL AREAS WITHIN THE OPERABLE UNIT BOUNDARIES.

Title: **DEFINITION OF OPERABLE UNITS AND BROWNFIELD SITE BOUNDARIES FOR THE EXXONMOBIL FORMER BUFFALO TERMINAL, BUFFALO, NEW YORK**

Prepared For: **EXXONMOBIL FORMER BUFFALO TERMINAL, BUFFALO, NEW YORK**

Prepared For: **EXXONMOBIL OIL CORPORATION**

Compiled by: W.C.	Date: 05AUG05	FIGURE <b>1</b>
Prepared by: B.H.C.	Scale: AS SHOWN	
Project Mgr: W.C.	Office: NY	
File No: MCS224905A	Project: 17252Y07	

**ROUX**  
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Environmental Consulting & Management