



FACT SHEET

State Superfund Program

December 2010

Wastebed B/Harbor Brook City of Syracuse and Town of Geddes, NY Site Number 7-34-075

Interim Remedial Measure Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

The public is invited to comment on an Interim Remedial Measure (IRM) (also known as a response action), proposed by the New York State Department of Environmental Conservation (NYSDEC) and the United States Environmental Protection Agency (EPA) to address a portion of the contamination related to the Wastebed B/Harbor Brook site ("site"). The site is located north and south of Interstate Route 690 (I-690) in the City of Syracuse and Town of Geddes, Onondaga County. See map for site location.

Public Meeting at 7:00 PM and Open House from 6:00 – 7:00 PM on January 13, 2011

**Martha Eddy Room in the Art and Home Center at the New York State Fairgrounds
Geddes, New York**

NYSDEC and the EPA invite you to a public meeting and availability session to discuss the IRM/Response Action proposed for the site. You are encouraged to provide comments at the availability session and during the 45-day comment period described in this fact sheet.

The Proposed Response Action

The response action proposed for the site includes installing a subsurface barrier wall and groundwater collection system to the east of Lower Harbor Brook and rerouting the Lower Harbor Brook channel.

The proposed response action is described in a draft cleanup plan called a "Proposed Response Action Document" (PRAD) developed under New York's State Superfund Program and the EPA's

Federal Superfund Program. The document is available for public review at the locations identified below under "Where to Find Information." The document also is available on the NYSDEC web site at (www.dec.ny.gov/chemical/37558.html).

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC generally attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit: www.dec.ny.gov/chemical/8439.html

How to Comment

NYSDEC is accepting written comments about the proposed response action for 45 days, from **December 27, 2010** through **February 10, 2011**. Comments will also be accepted at the public meeting announced above.

Submit written comments to:

Tracy A. Smith
New York State Department of Environmental Conservation
625 Broadway, 12th floor
Albany, New York 12233-7013
DERweb@gw.dec.state.ny.us

(Indicate “Wastebed B/Harbor Brook IRM Comments” in the subject line of the e-mail)

Summary of the Proposed Response Action

The proposed response action represents the response action preferred by NYSDEC, the EPA and the New York State Department of Health (NYSDOH) to address contamination that is migrating from this site to Onondaga Lake and Harbor Brook. The PRAD has several objectives:

- identify goals to be achieved
- summarize other response actions considered
- explain why NYSDEC, EPA and NYSDOH believe the proposed response action would protect public health and the environment
- provide a detailed description of the proposed response action.

The proposed response action was chosen following an investigation of site conditions (as part of the site remedial investigation) and an evaluation of alternatives to address site contamination, called an “Engineering Evaluation/Cost Analysis” (EE/CA).

The objectives of this response action are to:

- Eliminate, to the extent practicable, the discharge of contaminated ground water and non-aqueous phase liquids (NAPL) into Harbor Brook and Onondaga Lake
- Eliminate, to the extent practicable, potential impacts to human health and to the environment (e.g., to fish and wildlife resources)

NYSDEC, NYSDOH, and EPA's preferred response action includes:

- The relocation of the Lower Harbor Brook channel to the east of its current location;
- Installation of approximately 400 linear feet of a vertical barrier wall and an upgradient groundwater collection system to the east of the existing Lower Harbor Brook Channel (west of the new channel);
- Treatment of collected groundwater at Honeywell’s Willis Groundwater Treatment Plant;

This preferred response action would have a present worth cost of \$7,154,000. The responsible party, Honeywell International, Inc. (formerly AlliedSignal, Inc.), will design, construct, and provide long-term maintenance and operation of the IRM with NYSDEC oversight.

Next Steps

NYSDEC and EPA will consider public comments as the response action for the site is finalized. The selected response action will be described in a document called a “Response Action Document” (RAD) that will explain why the response action was selected and respond to public comments. This document will be made available to the public (see “Where to Find Information” below).

The project will then move to the design and implementation of the response action to address the specific areas of site contamination that are part of this response action. Other site areas and media which will not be remediated under this IRM will be addressed under other IRMs or the Wastebed B/Harbor Brook Remedial Investigation/Feasibility Study.

NYSDEC will keep the public informed during the cleanup of the site.

Background

The site is approximately 90 acres in size and is located to the north and south of I-690 in the City of Syracuse and Town of Geddes, Onondaga County. The site includes four main areas: Wastebed B, the Penn-Can Property, the Railroad Area, and wetland SYW-12. Wastebed B is a former Solvay wastebed, which received Solvay Waste from approximately 1898 to 1926. Wastebed B covers approximately 54 acres and was engineered to receive waste by construction of a bulkhead into Onondaga Lake. The Penn-Can Property was historically used for the production and storage of asphalt products. In 1919, the Barrett Division of the Semet Solvay Company of Allied Chemical Corporation began operations. Barrett produced various asphalt emulsions and some coal tar based products used in road construction. The Railroad Area is situated to the south of the Penn-Can Property and is bounded to the north, south and east by rail tracks. Area of Study (AOS) #1, located east of Harbor Brook near Onondaga Lake; AOS#2, located east of Harbor Brook south of I-690; and Wetland SYW-12, a freshwater wetland located north of Onondaga Creek between Onondaga Lake and the Carousel Mall, are also being investigated under the site.

Preliminary Site Assessment (PSA) field work was performed in 2000 and 2001 and Remedial Investigation (RI) field work was performed between 2002 and 2006. Based on the PSA and RI data collected, the following chemical parameters of interest (CPOIs) were identified for the Site: benzene, toluene, ethylbenzene, and xylene (BTEX), polycyclic aromatic hydrocarbons (PAHs), phenols; and various inorganics. NAPL is also present within the eastern-central portion of the Penn-Can Property. These are associated with the historic operations of the former Barrett facility that was located on the central and eastern portions of the Penn-Can Property. The primary constituents associated with the NAPL include BTEX, naphthalene and other PAHs

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

On December 16, 1994, Onondaga Lake and its tributaries and the upland hazardous waste sites which have contributed or are contributing contamination to the lake (sub-sites) were added to EPA's National Priorities List (NPL). NYSDEC and EPA have, to date, organized the work for the Onondaga Lake NPL site into 11 subsites. These subsites are also considered by EPA to be operable units of the NPL site. The Wastebed B/Harbor Brook site is one of the sites near the lake that is a subsite. The PRAD focuses only on the Wastebed B/Harbor Brook site. The IRM for the site is intended to be consistent with, and an integral part of, the final site-wide remedy.

Harbor Brook is one of Onondaga Lake's primary tributaries. Harbor Brook originates southeast of Syracuse in the Town of Onondaga and flows through the western side of Syracuse and to the southwest corner of Onondaga Lake. In 2003, Honeywell and the NYSDEC entered into an Order on Consent (Index #D7-0008-01-09) to conduct an IRM for the Wastebed B/Harbor Brook site. The IRM called for a vertical barrier to be installed along the Onondaga Lake shoreline and along the west bank of Harbor Brook with a ground water collection system installed behind the vertical barrier. The exact location of the barrier wall was to be determined as part of the IRM. The barrier wall to the west of Harbor Brook is currently under construction. The location of a portion of the East Wall in proximity to Lower Harbor Brook has been evaluated in an EE/CA and is the subject of this PRAD.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public to stay informed. These project documents include the interim cleanup plan, called the “Proposed Response Action Document.” Information is also available on DEC’s website at www.dec.ny.gov/chemical/37558.html.

Onondaga County Public Library
Syracuse Branch at the Galleries
447 South Salina Street
Syracuse, New York 13204
Phone: (315) 435-1800

NYSDEC
615 Erie Boulevard, West
Syracuse, New York 13204
Phone: (315) 426-7400
Hours: Mon - Fri, 8:30 a.m. - 4:45 p.m.
Please call for an appointment

Solvay Public Library
615 Woods Road
Solvay, NY 13209
Phone: (315) 468-2441

NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233-7016
Phone: (518) 402-9676
Hours: Mon - Fri, 8:30 a.m. - 4:45 p.m.
Please call for an appointment

Atlantic States Legal Foundation
658 West Onondaga Street
Syracuse, New York 13204
Phone: (315) 475-1170
Please call for hours of availability

Who to Contact

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

Project Related Questions

Mr. Tracy A. Smith
NYS Dept. of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7013
518-402-9676

Project Related Health Questions

Mr. Mark Sergott
New York State Department of Health
547 River Street
Troy, New York 12180-2216
800-458-1158, Ext. 27860
518-402-7862

Mr. Robert Nunes
USEPA
290 Broadway
New York, NY 10007-1866
212-637-4254

If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager above or sign up for the Onondaga Lake news email list by visiting the NYSDEC website (www.dec.ny.gov/chemical/52545.html). 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.

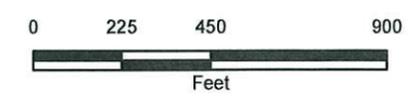
FIGURE 1

LEGEND

- HARBOR BROOK SITE
- DREDGE SPOIL AREA
- ADDITIONAL AREA OF STUDY
- WASTEBEDS

HONEYWELL
WASTEBED B/
HARBOR BROOK SITE
GEDDES AND SYRACUSE, NY

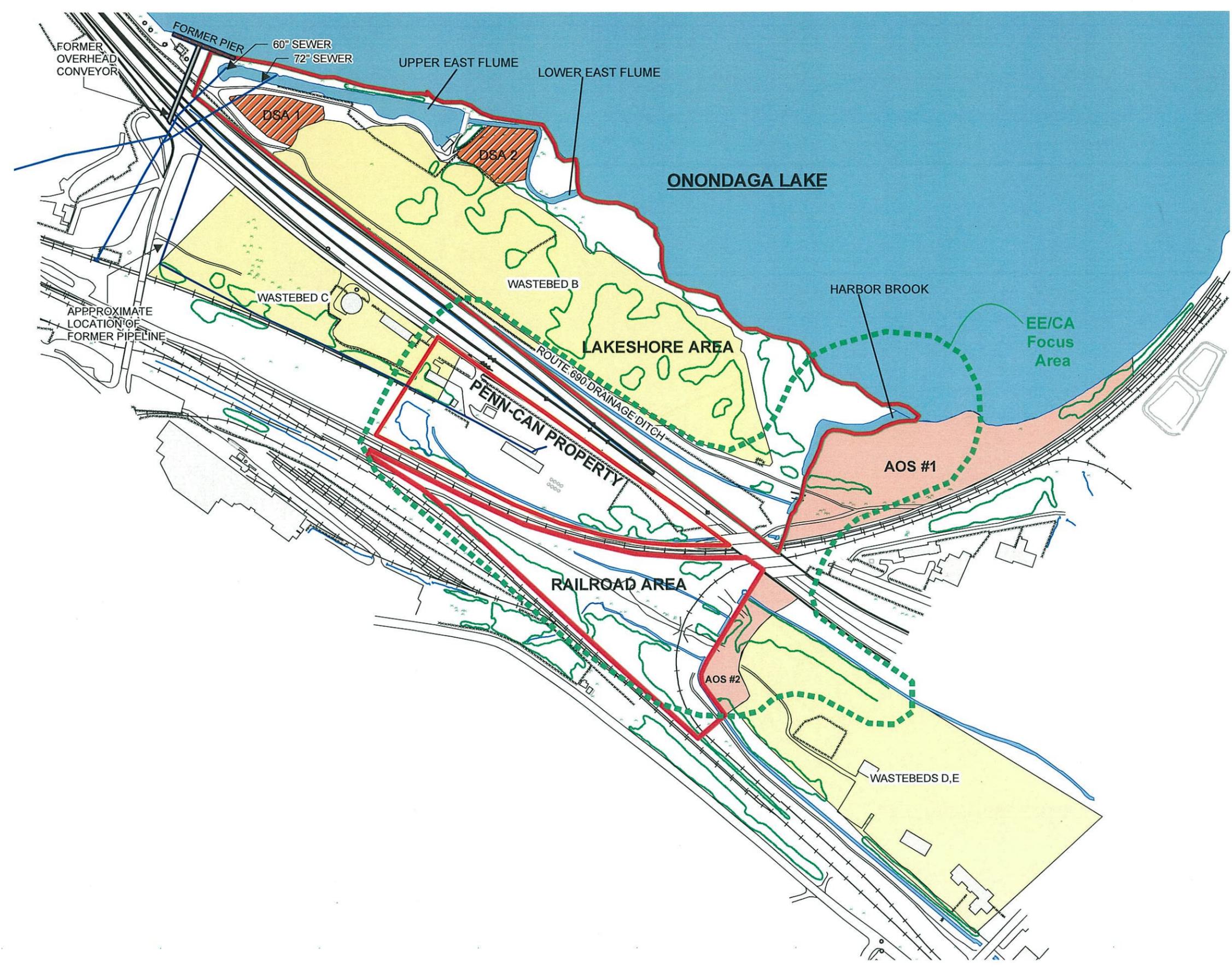
SITE LOCATION



Note: Original base map information obtained from O'Brien & Gere Remedial Investigation Report (November 2007), Figure 2.

PARSONS

290 Elwood Davis Road, Suite 312, Liverpool, NY 13088 315-451-9560



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