New York State Department of Environmental Conservation

November 2014

FACT SHEET

State Superfund Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: Former Duso Chemical
DEC Site #: 314103
Address: 33 Fulton Street
Poughkeepsie, New York 12601

Have questions? See "Who to Contact" Below

Cleanup Action to Begin at State Superfund Site

Action is about to begin that will address the contamination related to the Former Duso Chemical site ("site") located at 33 Fulton Street, Poughkeepsie, Dutchess County under New York's State Superfund Program. Please see the map for the site location.

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.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information." The cleanup activities will be performed by the NYS Department of Environmental Conservation (NYSDEC).

Highlights of the Upcoming Cleanup Activities
The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The cleanup action for the site includes:

The construction, shakedown, operation, and monitoring of a thermal treatment system to cleanup subsurface soils and groundwater primarily contaminated with volatile organic compounds (VOCs). VOCs are a large group of carbon-based chemicals that easily evaporate at room temperature.

Additional Details:
The cleanup is being conducted on the Western Publishing property portion of the Mid-Hudson Business Park (MHBP). This area is referred to as the MHBP area, which is off-site and west of the site.

Engineering design of the cleanup remedy was completed by the NYSDEC in March 2014. Bids for the cleanup contract were opened in June 2014. Sealand Enviro, LLC was awarded the contract and given formal notice to proceed with the project on October 16, 2014. It is anticipated that operation of the remedy will be completed by spring 2016 at a cost of approximately $4 million. All construction work will be performed under full-time oversight by AECOM Technical Services Northeast, Inc.,the engineering consultant hired by the NYSDEC. In addition, the contractor's Health and Safety Plan for the work was reviewed to ensure that onsite workers and the nearby community is protected during these activities.

During cleanup activities, all truck traffic to and from the site associated with excavation and off-site disposal activities are being limited to non-residential areas as much as possible. Furthermore, the contractor is responsible for keeping the transportation route clean of soil and fill materials generated during site cleanup activities.

Next Steps

After completion of the cleanup activities, the NYSDEC will prepare a Final Engineering Report. The Final Engineering Report will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

The NYSDEC will keep the public informed throughout the cleanup of the site.

Background

Location: The Former Duso Chemical site is located in a residential/commercial area at 33 Fulton Street in the Town of Poughkeepsie, Dutchess County.

Site Features: The site contains several above ground propane storage tanks and an office building. The former rail tracks have been removed and the area adjacent to the site is now overgrown.

Current Zoning/Use(s): Star Gas products, Inc., a distributor of propane, operates on the premises. Dutchess County operates a recycling facility east of the site. A shopping plaza containing several businesses is located west of the site (MHBP).

Historical Use: It is believed that the operations of a past operator, Duso Chemical, contributed to the site's contamination. A fire that occurred at Duso Chemical in the 1960s reportedly released unknown quantities of various chemicals.

Site Geology/Hydrogeology: Site soil includes a layer of sand/silt underlain by a layer of clay. Below the clay layer is a unit of gravel and then bedrock. Groundwater flow is generally towards the southwest. The depth to groundwater varies across the site ranging from depths of 0.5-5 feet below grade on the Site and dropping off to depths of 13 feet below grade on the adjacent Mid-Hudson property.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=314103

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/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

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

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

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Adriance Memorial Library
93 Market Street
Poughkeepsie, NY 12601
Phone: (845) 485-3445
http://poklib.org/

Who to Contact

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

Project Related Questions
David Chiusano
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017
518-402-9814
david.chiusano@dec.ny.gov

Site-Related Health Questions
Mr. Mark Sergott
New York State Department of Health
Corning Tower Room 1787
Albany, NY 12237
(518)402-7860
BEEI@health.ny.gov

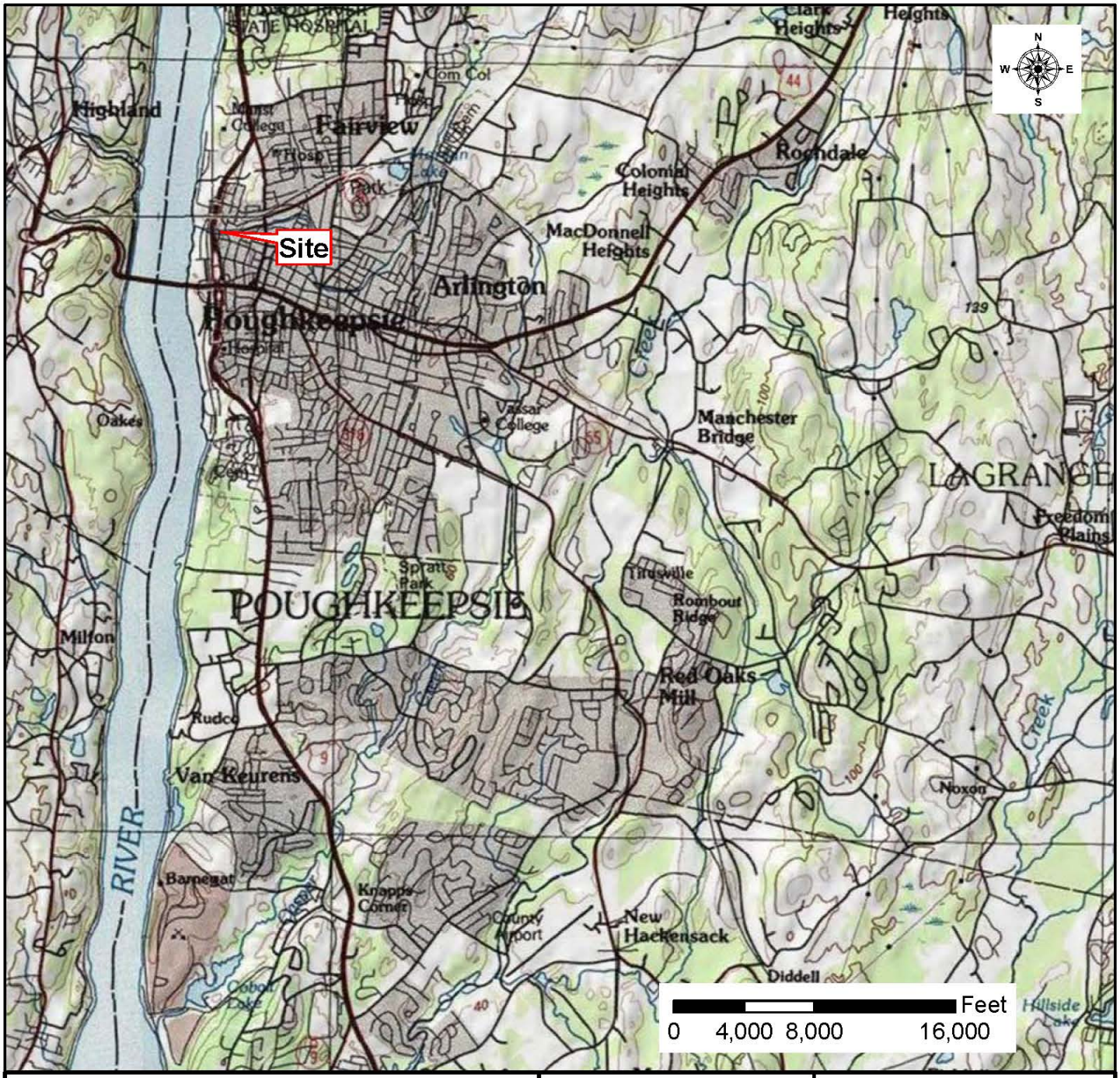
We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: http://www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you *better informed*.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



AECOM

40 British American Blvd.
Latham, NY 12110
T: (518) 951-2200
F: (518) 951-2300

FIGURE 1-1

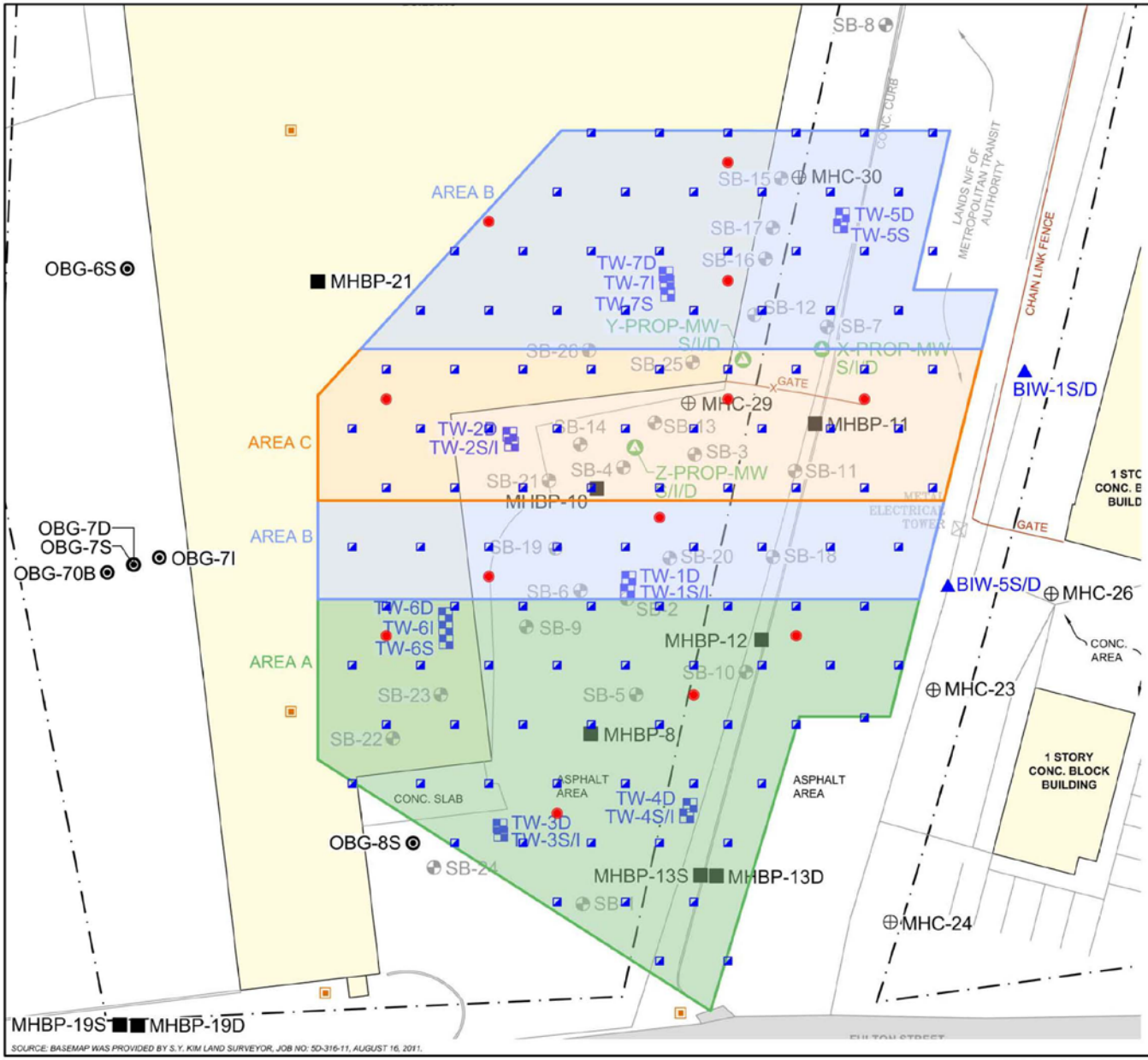
SITE LOCUS

FORMER DUSO CHEMICAL FACILITY
33 FULTON STREET, POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

Source: ArcGIS USA Topo Maps

MARCH 2013

60279080



SOURCE: BASEMAP WAS PROVIDED BY S.Y. KIM LAND SURVEYOR, JOB NO: 50-316-11, AUGUST 16, 2011.

LEGEND

- HEATER ELEMENTS (APPROXIMATE 20' ON CENTER)
- TEMPERATURE MONITORING POINT (5' VERTICAL INTERVALS)
- SUBSURFACE PRESSURE MONITORING POINT
- BIW-1S/D — NESTED BIOREMEDIATION INJECTION WELL LOCATION (2012)
- TW-1S/I — NESTED THERMAL WELL LOCATION (2012)
- X-PROP-MW S/I/D — TRI-LEVEL STAINLESS STEEL WELL LOCATION (2011)
- SB-15 — AECOM MEMBRANE INTERFACE PROBE BORING LOCATION (2011)
- OBG-2S — O'BRIEN & GERE WELL LOCATION (2005 & 2007)
- MHBP-11 — MID HUDSON BUSINESS PARK WELL LOCATION (1993-1994)
- MHC-30 — WELL LOCATION (1990s)
- BUILDING
- ROAD / PAVEMENT
- PROPERTY BOUNDARY (APPROXIMATE)
- FENCE (APPROXIMATE)
- PARCEL BOUNDARY

NOTES

1. OBG-8S WAS "ND" FOR VOCs IN 2005 AND 2006.
2. IN SRI MHBP-21 IS "ND" FOR VOCs, BUT SCREEN IS ONLY 3-13'.

AREA	FOOTPRINT DEPTH (feet bgs)	FOOTPRINT AREA (sq. feet.)
A	5 - 25	12,688.39
B	5 - 35	14,269.81
C	5 - 50	8,288.18

0 15 30 60
SCALE IN FEET

AECOM

40 British American Blvd.
Latham, New York 12110
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F: (518) 951-2300

FIGURE 2-3
THERMAL REMEDIATION FOOTPRINT

FORMER DUSO CHEMICAL FACILITY
33 FULTON STREET, POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

MARCH 2013 60279080

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