



Petroleum cleanup at 7479/7481 Able Street, Fridley

This Minnesota Pollution Control Agency (MPCA) fact sheet provides an update on petroleum contamination cleanup and mitigation activities at 7479/7481 Able Street in the city of Fridley. This site, in a residential neighborhood, is currently occupied by a duplex and is bounded by Able Street on the west and Baker Street on the east. The location of the site is shown on page 3 of this fact sheet.

Site history

In July 2002, the MPCA Emergency Response Team received a report that water and a petroleum product were seeping into the basement of the duplex at 7479/7481 Able Street. An investigation was conducted, and the release was identified as minor. The site was closed later in 2002. The source of contamination was a suspected heating oil tank in the area of Baker Street, but the exact location could not be determined.

In 2009, during an MPCA investigation on a property adjacent to 7479/7481 Able Street, the leak site at 7479/7481 was reviewed, and the MPCA determined a reopening of the site was warranted. The MPCA felt that additional investigation was needed to determine risks from existing contamination to nearby residences, water supply wells, surface water, and underground utilities.

In 2011, after heavy rain, water and petroleum again entered the basement along the east wall of the duplex. The MPCA Petroleum Remediation Program was notified of the release and determined that action was needed to manage environmental and human health risks. An interior drain tile and sump system was installed to collect water and petroleum product and an active venting system was installed to reduce vapor risks.

Both incidents at 7479/7481 Able Street have been attributed to the same suspected heating oil tank. After three years of investigation the full extent of contamination in the area has been defined and the MPCA now understands the release from that tank to be much larger than originally thought.

Petroleum product currently remains in soils at the site, both below the 7479/7481 Able Street duplex and extending to the east of Baker Street (see map, page 4).

Remaining risks

Remaining petroleum contamination will continue to pose a risk if left on site. The duplex at 7479/7481 Able Street will continue to be at risk of petroleum vapors and groundwater intruding into the basement. The sanitary sewer in Baker Street and on the Fridley Terrace Mobile Home Park property adjacent to Baker Street is susceptible to inflow of petroleum vapors and liquids.

Because of these risks, and the potential for long-term maintenance costs of existing mitigation systems, the MPCA determined that the best course of action would be to purchase the duplex and remove the building as part of planned contaminated soil excavation activities. The MPCA purchased the building in August 2012 and plans to conduct demolition and soil excavation in the summer of 2013.

Next steps

Over the coming months the MPCA will:

- Remove the duplex and garage on the property at 7479/7481 Able Street to facilitate the excavation and removal of petroleum-impacted soil from the site.
- Remove and replace approximately 160 feet of the sanitary sewer line in Baker Street to facilitate the removal of petroleum-impacted soil adjacent to the sewer and replace the sewer.
- Excavate petroleum-impacted soil from the east side of Baker Street all the way to the former site of the duplex at 7479/7481 Able Street (see map, page 4).
- Continue investigating the surrounding area until the MPCA determines closure of the site is possible.

What you should expect

- During excavation and demolition activities, it is possible you will smell petroleum vapors. The MPCA will work with contractors and consultants on site to ensure there are no health risks to neighborhood residents.
- Contractors, work crews, and heavy machinery will be on site several days until the project is complete.
- Road congestion may occur during soil excavation on the east side of Baker Street and during replacement of the sanitary sewer.

For more information

For more information about remediation activities at the site, contact MPCA Project Manager Kate Lewison (phone 507-206-2615, email katherine.lewison@state.mn.us).

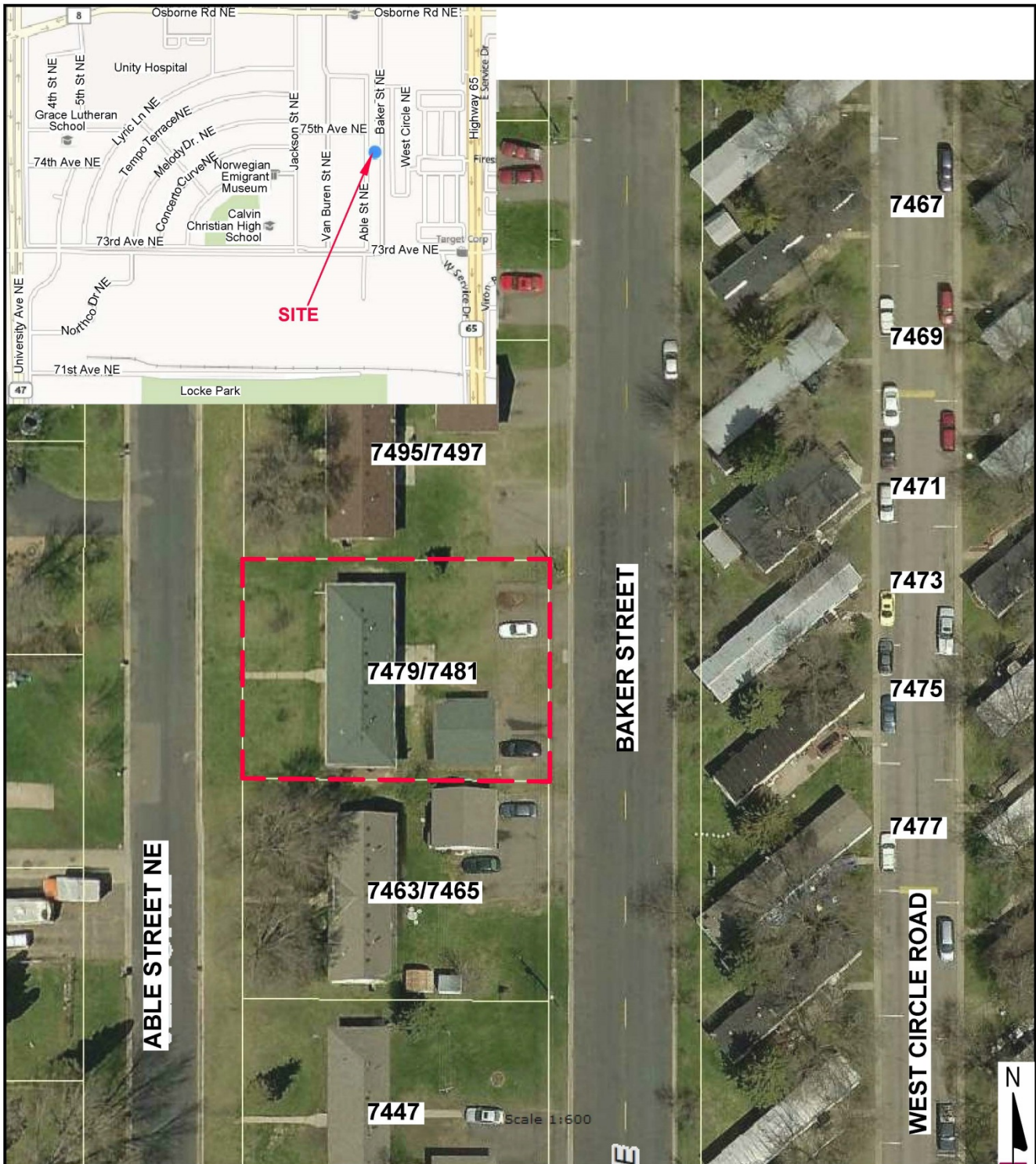


IMAGE SOURCE: ANOKA COUNTY AERIAL PHOTO SPRING 2011

LEGEND



APPROXIMATE SITE BOUNDARY



APPROXIMATE SCALE: 1" = 50'

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mgr:	PJW	Project No:	41097020
Drawn By:	JLM (41)	Scale:	AS SHOWN
Checked By:	JME	File No:	41097020.12.dwg
Approved By:	PJW	Date:	4/18/2013

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FRIDLEY

AERIAL PHOTOGRAPH
ABLE STREET PROPERTY
MPCA
7479/7481 ABLE STREET

MINNESOTA

FIG. No.

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