

MILLSBORO TCE SUPERFUND SITE



Millsboro TCE Superfund Site, Millsboro, Sussex County, Delaware

April 2016

Engineering Evaluation/Cost Analysis Review Completed

The U.S. Environmental Protection Agency (EPA) has completed review of an Engineering Evaluation/Cost Analysis (EE/CA) report for the Millsboro TCE Superfund Site (the Site) located in Millsboro, Sussex County, Delaware. This EE/CA proposes a non-time critical removal action to address trichloroethylene (TCE) contaminated groundwater and soil at the Site. The major components of the proposed response action are:

- In-situ chemical oxidation of the source area; and
- Direct groundwater circulation pump and treatment using granular activated carbon to treat extracted groundwater that will then be reinjected into the shallow aquifer.

Description of the Cleanup

As outlined above, the proposed response action consists of two components. The first portion of the proposed action entails treating contaminated groundwater and soil in-place via chemical oxidation. Chemical oxidation will target contamination remaining beneath the former manufacturing site, located at 225 West DuPont Highway, by breaking down contamination using chemical processes. The second component consists of extracting contaminated groundwater, treating it in a carbon filtration system to remove all contamination, and injecting the clean water back into the aquifer using one or more injection wells. The extract/treat/reinject component of the response action will continue until groundwater meets cleanup goals. Any selected response action will include use of one of the impacted public supply wells as part of the groundwater treatment system. The other impacted supply well will be available for use to provide carbon-treated water to assist in meeting potable water demand during high demand periods if needed.

For more information about the Millsboro TCE Superfund Site, please visit:

www.epa.gov/superfund/millsboro

For more information about EPA's Superfund Program:

<http://www.epa.gov/superfund>

**This Is Superfund:
A Community Guide to
EPA's Superfund Program**
<https://semspub.epa.gov/src/document/HQ/175197>

Public Meeting

EPA will hold a public meeting to discuss the proposed remedy outlined in the EE/CA

**Wednesday, April 13, 2016
6:00 p.m. - 8:00 p.m.
at the
Millsboro Town Hall
322 Wilson Highway
Millsboro DE, 19966**

Your Role In The Process

Community involvement is critical to EPA's decision making process. To make sure the community has a chance to comment on the alternatives being considered for use in addressing the contamination at this site, there is an official 30-day public comment period. The public is encouraged to review the EE/CA Report and associated finalization letter and submit comments or concerns to the EPA. To review the proposed EE/CA and finalization letter, please visit:

<https://semspub.epa.gov/src/collections/03/AR/DEN000306645>

The proposed EE/CA public comment period is from April 4, 2016 - May 4, 2016. Comments can be submitted by postal mail, e-mail, or in person at the upcoming public meeting regarding the proposed remedy detailed in EPA's EE/CA and associated finalization letter. Mail comments (postmarked no later than May 4, 2016) to:

U.S. Environmental Protection Agency
Region 3 Office
1650 Arch Street (Mailcode 3HS22)
Philadelphia, PA 19103
Attn: Christian Matta, RPM

Or, send comments by e-mail to:

matta.christian@epa.gov or deitzel.carrie@epa.gov

Contact Us

Carrie Deitzel
Community Involvement
Coordinator
EPA Region 3
215-814-5525
deitzel.carrie@epa.gov

Christian Matta
Remedial Project
Manager
EPA Region 3
215-814-2317
matta.christian@epa.gov

Next Steps

After the public comment period has ended, EPA will issue a decision document called an Action Memorandum which selects the final response action and contains a summary of responses to the comments received during the public comment period. The Action Memorandum will be issued and made available for public review as part of the Administrative Record.

Site History

The Millsboro TCE Site is located approximately between S. DuPont Highway and State Street in the town of Millsboro, Sussex County, Delaware. The Site consists of a source area property at the intersection of Wharton Street and S. DuPont Highway, which was formerly a poultry vaccine manufacturing operation and a TCE contaminated groundwater plume that is approximately 1500 feet long and 300 feet wide. Also included are a recovery area, located at the Town of Millsboro's Well-field on West Church Street, and the impacted groundwater under the properties in between.

In 1952, Delaware Poultry Laboratories, Inc. was established and poultry vaccine manufacturing operations began on the source area property. Through a series of ownership transfers, the facility was ultimately owned and operated by Schering Plough who demolished the building in December 2000, and sold the property to the current owner, Hiram Dennis Lasher in June 2001. In October 2005, the state water authority detected TCE at a concentration that exceeded the national drinking water standard while conducting a routine water sampling at the Boys & Girls Club located in Dagsboro, Delaware. The site was proposed to EPA's National Priorities List in 2009.

Address Label Here

U.S. Environmental Protection Agency, Region 3
Attn: Carrie Deitzel
1650 Arch Street (Mailcode 3HS22)
Philadelphia, PA 19103

