New York State Department of Environmental Conservation

FACT SHEET

State Superfund Program

*Receive site fact sheets by *email.* See **For More Information** to learn how.

Site Name: Former Doro Dry Cleaners
DEC Site #: 915238
Site Address: 3460-3466 Genesee Street; Cheektowaga, NY 14225
Website: http://www.dec.ny.gov/chemical/87493.html

February 2014

Have questions? See **Who to Contact** below

Former Doro Dry Cleaners Update: Public Comment Period and Public Meeting Announced

Public Meeting, Wednesday, 3/12/2014 at 6:30 PM

Our Lady Help of Christians Church
4125 Union Road, Cheektowaga, NY

DEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a remedy proposed by New York State Department of Environmental Conservation (DEC) related to the Former Doro Dry Cleaners site ("site") located at 3460-3466 Genesee Street, Cheektowaga, Erie County. Please see the map for the **Site Location**.

Documents related to the cleanup of this site can be found at the location identified below under **Where to Find Information**.

How to Comment

DEC is accepting written comments about the proposed plan for 30 days, from **February 27, 2014 through March 28, 2014**. The proposed plan is available for review at the location identified below under **Where to Find Information**. Please submit comments to DEC project manager listed under *Project Related Questions* in the **Who to Contact** area below.

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.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

- Excavation and off-site disposal of soils above the water table in two areas along the east and west sides of the building on site.

- The excavations will be backfilled with a mixture of clean soils and chemicals that promote the degradation of the contaminants remaining in the groundwater and soils beneath.
- A sub-slab depressurization system (SSDS) would be installed in the on-site building to draw contaminant vapors from beneath the building, using piping and a fan-powered vent, to discharge those vapors to the atmosphere.
- A similar SSDS installed in one of the nearby homes will continue to be monitored and maintained.
- Some homeowners had declined to have their homes evaluated for soil vapor intrusion. Should they request to have their property evaluated in the future; a determination will be made as to whether or not such an evaluation is still necessary or appropriate. Any actions recommended to address exposures related to soil vapor intrusion will be implemented.
- Groundwater will be monitored over the short term to assess the performance and effectiveness of the proposed remedy.

Summary of the Investigation

The RI identified potential source areas of chlorinated solvent contamination from the former dry cleaning facility on site. The source area east of the on-site building, was characterized by cis-1,2-dichloroethene (cis-DCE) and vinyl chloride in the groundwater. The source area west of the on-site building, which may have been the result of solvents leaking out of a dry cleaning machine inside the building, is characterized primarily by tetrachloroethene (PCE) in the soil. Cis-DCE was also detected in samples collected from a sump inside the on-site building.

Groundwater velocity was found to be slow. Contaminated groundwater plumes extend approximately 150 feet to the northwest and south from the on-site source areas. While PCE and trichloroethene were found in the groundwater, cis-DCE and vinyl chloride were found at significantly higher concentrations and are considered the principle groundwater contaminants.

Soil vapor intrusion sampling of the on-site building found that PCE was the principle contaminant in the sub-slab vapor and indoor air. The other site-related contaminants were present at significantly lower concentrations. The source of the sub-slab vapor and indoor air contamination is presumed to be the PCE-contaminated soils in the source area on the west side of the building.

DEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the “feasibility study” submitted under New York’s State Superfund Program.

Next Steps

DEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a "Record of Decision" that will explain why the remedy was selected and respond to public comments. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed.

Background

Location: The Former Doro Dry Cleaners Site is located at 3460-3466 Genesee Street in the Town of Cheektowaga, Erie County, New York. The site is located in a commercial and suburban setting, near Union Road and NYS Route 33.

Site Features: The main site features include two attached buildings with parking areas located to the south and west. Directly to the north is undeveloped land covered by grass, bushes and trees; immediately adjacent and west of the open lot are the backyards of several homes. Located to the east is commercial property consisting of a large shopping plaza.

Current Zoning/Use: The site is currently zoned for general commercial use. The current owner uses the north end of the building for storing office equipment and has made some renovations to the south end of the building for eventual use as office space. Surrounding parcels are currently used for a combination of residential and commercial use. The nearest residential area is located immediately adjacent to the site to the west- northwest.

Historic Use: Prior uses that have led to site contamination include the storage and use of chlorinated solvent for the dry cleaning facility that operated in the two buildings for approximately 40 years.

Completed site investigations include a Phase I Environmental Site Assessment (2008) and a Phase II Environmental Site Assessment (2010) which indicated contamination leading to the site's listing as a class 2. A 2012 Phase II Environmental Assessment of the commercial property immediately east of the site was also completed.

Site Geology and Hydrogeology: The geology on-site consists of a thin, 1- to 4-foot thick layer of topsoil and organics underlain by brown to reddish-brown clay, which varies in thickness from approximately 2 to 10 feet. This clay layer is underlain by a light brown sandy clay layer, which varies in thickness from approximately 2 to 6 feet. Groundwater is encountered in this sandy clay later. The sandy clay is underlain by glacial till, which ranges in thickness from about 2 to 4 feet. The glacial till was deposited on Onondaga Limestone bedrock, which was estimated at depths of between 14 and 16 feet below ground surface (bgs) across the area sampled.

Groundwater flows on-site from a high point under the former Doro Cleaners building to the northwest and southwest. The groundwater occurs at depths of approximately 8 to 12 feet below ground surface

Additional Details

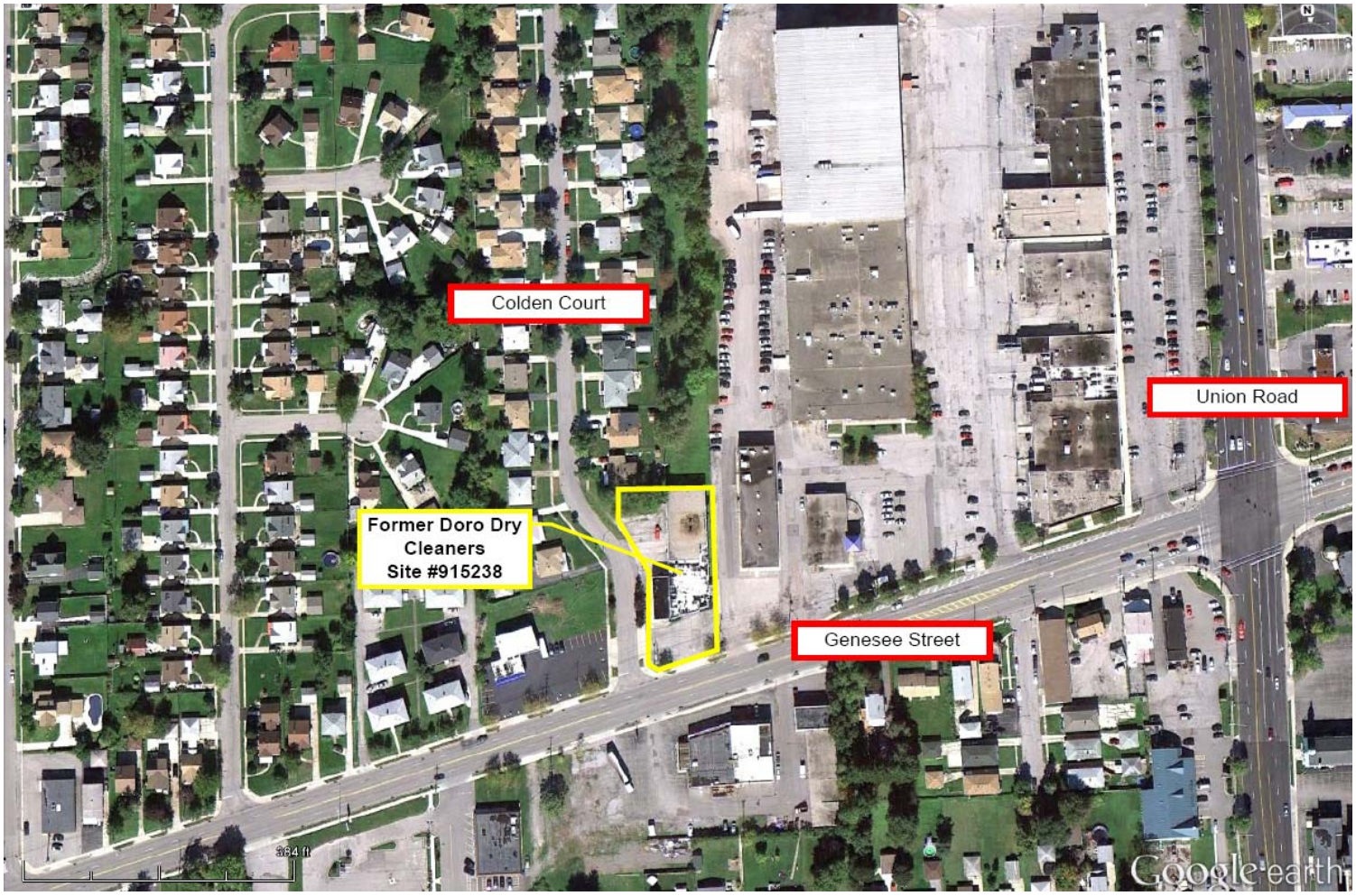
Additional site details, including environmental and health assessment summaries, are available on DEC's website at: http://www.dec.ny.gov/chemical/87493.html and http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=915238.

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. DEC

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.

Site Location



For More Information

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. DEC 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*.

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

Where to Find Information

Public interest in this project is valued and appreciated. Project documents are available at the following location to help the public stay informed. You may also view electronic versions of project documents by visiting this brownfield site's website at http://www.dec.ny.gov/chemical/87493.html (if available). Large documents may be abbreviated to meet DEC's file size requirements for posting to the website. Hard copies of full project documents are available at the listed locations.

NYS DEC Region 9 Office
270 Michigan Avenue
Buffalo, New York 14203
716-851-7220
(Call for appointment)

Who to Contact

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

Project Related Questions:
David Locey
DEC, Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203
716-851-7220
dplocey@gw.dec.state.ny.us

Site-Related Health Questions:
Matthew Forcucci
NYS Department of Health
584 Delaware Ave
Buffalo, NY 14202
716-847-4501
beei@health.state.ny.us