



FACT SHEET

Voluntary Cleanup Program

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Site Name: Parkway Plaza Cleaners
DEC Site #: V00238
Address: 51 Eastern Blvd
Canandaigua, NY 14424

Have questions?
See
"Who to Contact"
Below

Remedy Proposed for Voluntary Cleanup Site Contamination; Public Comment Period Announced

The New York State Department of Environmental Conservation (NYSDEC) is seeking comments on a report which summarizes the environmental investigation and recommends cleanup action at the Parkway Plaza Cleaners site ("site") located at 51 Eastern Blvd, Canandaigua, Ontario County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

How to Comment

The report, called a "Remedial Investigation/Recommended Remedial Alternative Report," was submitted to NYSDEC by the Voluntary Cleanup Program volunteer, Parkway Plaza Limited Partnership. The report describes the results of the site investigation as well as the recommended remedy to address the contamination that was found. NYSDEC is accepting written comments about the proposed remedy for 30 days, from **October 1, 2014** through **October 30, 2014**. Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

Report Summary

Nature and Extent of Contamination: Investigations have shown soil, groundwater, and soil vapor/indoor air contamination with the dry cleaning solvent, perchloroethene (PCE; aka, tetrachloroethene) and breakdown products. Soil contamination was detected in the vicinity of the sump and alcove structure at the rear of the laundromat to a maximum depth of about 25 feet. Over 500 tons of contaminated soil was removed by the volunteer in 2001 as an interim remedial measure. However soil contamination remains under the alcove and near building footers. Groundwater contamination extends south/southwest about 125 feet and has migrated offsite onto the adjacent property. Indoor air testing in the laundromat showed elevated levels of PCE which were mitigated with a sub-slab depressurization system (fan/exhaust pipe) in 2004.

Proposed Remedy: Naturally-occurring bacteria are slowly breaking down the dry cleaning solvent, PCE in the subsurface and this process can be significantly enhanced by injecting nutrients and carbon sources. The volunteer proposes to inject a solution of sugar, vegetable oil, and nutrients to a depth of 15 feet in a grid pattern over the contaminated area (both the source area and groundwater) in a process called enhanced bioremediation. Ongoing groundwater monitoring will assess its effectiveness; if necessary, additional injections of amendments and/or specific bacteria will be undertaken.

Background

Location: Parkway Laundry & Dry Cleaning is an active coin-operated laundromat located in Parkway Plaza at 51 Eastern Blvd. (Rts. 5 & 20), Canandaigua.

Site Features: The site is part of the Parkway Plaza strip mall which consists of several adjoining stores and a large parking lot. Canandaigua Lake is located about 800 feet to the south and the Feeder Canal (a lake outlet) is about 800 feet to the west. The property abutting directly south is part of a large planned residential/commercial development ("North Shore").

Current Zoning and Land Use: The site is zoned commercial as are most nearby properties. North Shore is zoned as a Planned Unit Development (both commercial and residential).

Past Use of the Site: From the early 1960s to early 1990s, dry cleaning was conducted using perchloroethene (PCE) in the alcove at the rear of the building. Investigations revealed soil, vapor, and groundwater contamination with PCE and breakdown products. The major release point appears to have been a sump with a soil bottom that connected to the sewer lateral and ultimately the sewage treatment plant. Based on collected data, other spillage and releases are evident in the vicinity of the dry cleaning machines.

Site Geology and Hydrogeology: Site soils include several feet of fill (former wetlands) followed by inter-bedded silts and clays; a major clay unit is found at ~ 15 foot depth. Bedrock lies in excess of 100 feet in depth. Depth to groundwater is ~ 4 feet below ground surface and flow direction is generally southward.

Next Steps

After consideration of comments and any appropriate revisions, the Remedial Investigation - Recommended Remedial Alternative Report will be approved and the remedy selected in a decision document. Concurrently, the volunteer will develop a Remedial Work Plan with all design details and field procedures; upon approval, the remedy will be implemented. The goal for completion of remedial field work is by the end of the year. The overall remedy will include deed restrictions and a site management plan with periodic inspection, monitoring, and reporting to assess remedy effectiveness.

Voluntary Cleanup Program: New York's Voluntary Cleanup Program (VCP) was developed to encourage private sector volunteers to investigate and clean up contaminated properties and return these sites to productive use. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

For more information about the VCP, visit: <http://www.dec.ny.gov/chemical/8442.html>

FOR MORE INFORMATION

Where to Find Information

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=V00238>

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

WOOD LIBRARY
134 NORTH MAIN ST.
CANANDAIGUA, NY 14424
phone: (585) 394-1381

Who to Contact

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

Project Related Questions

James Craft, Project Manager
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414
585-226-5352
james.craft@dec.ny.gov

Site-Related Health Questions

Julia M. Kenney, Public Health Specialist
New York State Department of Health
Bureau of Environmental Exposure Investigation
Corning Tower, Room 1787
Albany NY, 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.

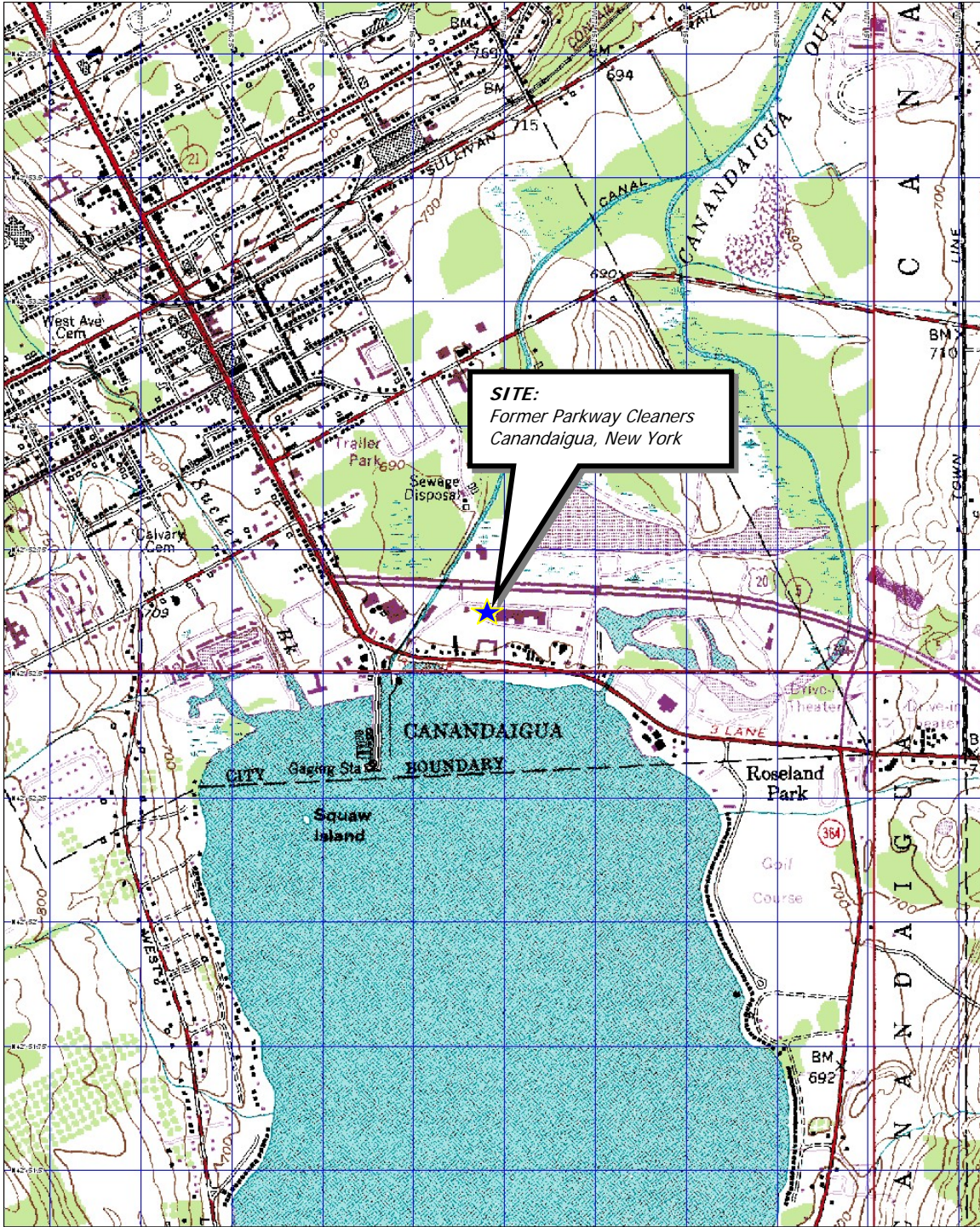
Receive Site Fact Sheets by Email

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.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 1" = 550 ft Scale: 1: 19,200 Detail: 14:0 Datum: WGS84

Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad maps Canandaigua (NY) 1978 and Canandaigua Lake (NY) 1978. Site Lat/Long: N42° 52.6' – W77° 16.0'

DATE
8/29/2012

DRAWN BY
RJM

SCALE
1" = 2000'

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
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NEW YORK, NEW YORK 10165-1617

PROJECT TITLE
**FORMER PARKWAY CLEANERS
VCP SITE NO. V00238-8
CANANDAIGUA, NEW YORK**

DRAWING TITLE
PROJECT LOCUS MAP

PROJECT NO.
2105R-99

FIGURE 1