New York State Department of Environmental Conservation

FACT SHEET

State Superfund Program

Former Kenco Chemical Company
HW# 447039
Glenville, NY

September 2010

Investigation On-Going at State Superfund Site And Public Meeting Announced

The New York State Department of Environmental Conservation (NYSDEC) is performing a detailed environmental study at Former Kenco Chemical Company ("Site") located at 107 Freemans Bridge Road in Glenville. The environmental study includes the Site property and properties as much as 2500 feet southeast of the site. See map on Page 5 for site location.

Public Meeting
Monday October 18, 2010
7:00 PM

Glenville Town Hall
18 Glenridge Road
Glenville, New York

NYSDEC invites you to a public meeting to discuss the on-going investigation of the site. NYSDEC will provide details about the study and invite your questions.

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.

Highlights of the Site Investigation

The study being done at the Site is called a "Remedial Investigation" (RI), and is being performed under New York's State Superfund Program. The Interim RI Report and draft investigation work plan, called "Remedial Investigation – Part 2 Work Plan" are available for public review at the locations identified below under "Where to Find Information".
The site investigation has several goals:

1) define the nature and extent of contamination in soil, soil vapor, surface water, groundwater and any other parts of the environment that may be affected
2) identify the source(s) of the contamination
3) assess the impact of the contamination on public health and the environment
4) provide information to support the development of a proposed remedy to address the contamination.

Specific contaminants which have been discovered so far include chemicals typically used in dry cleaning or industrial cleaning (solvents), the breakdown chemicals of the solvents, and chemicals typically found in

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

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

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

petroleum products. Solvents have been discovered in the soil vapor below several nearby buildings, which are being addressed with appropriate mitigation systems. Solvents have been discovered in a surface water stream which runs alongside the Site, which is being addressed with a collection and treatment system. Solvents have been found in high concentrations in the groundwater in portions of the study area. Some of the most contaminated groundwater is being addressed with a collection and treatment system, while the majority of the contaminated groundwater is being studied further for consideration of appropriate remedial actions.

A summary of project activities is provided below:
2007 - Initial discovery of groundwater contamination during a pending property transaction adjacent to the Site.
2007 – Limited on-site investigation performed by property owner, which confirmed soil and groundwater contamination within the Site.
2007 – Limited off-site investigation performed by NYSDEC, which confirmed soil and groundwater contamination originating within the Site.
2007 – Limited off-site investigation performed by the New York State Department of Health (NYSDOH), which confirmed solvent-related indoor air contamination at two residences in the study area near the Site.
2009 – Expanded on-site and off-site investigation performed by NYSDEC and NYSDOH, which confirmed solvent contamination emanating from the Site and extending off-site, via groundwater flow, approximately 2500 feet southeast of the Site.
2010 – Expanded off-site investigation performed by United States Environmental Protection Agency (USEPA), which confirmed site-related contamination at nearby commercial and residential buildings.

Next Steps
The information collected thus far has been summarized in the Interim RI Report. Once the RI concludes, NYSDEC will conduct a "Feasibility Study". This study uses information developed during the site investigation to develop and evaluate potential ways to clean up contamination related to the Site. Another possibility is that the information collected during the site investigation may support the conclusion that no action, or no further action, is needed to address site-related contamination.

NYSDEC then develops a draft cleanup plan, called a "Proposed Remedial Action Plan" (PRAP). This plan describes the remedy preferred by NYSDEC, or a no action or no further action alternative. The draft cleanup plan summarizes the decision that led to the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of the plan will be to ensure the protection of public health and the environment. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 30-day comment period and at a public meeting.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background
The Former Kenco Chemical Company, Inc. project (Former Kenco) was previously known as the Groundwater Plume Project and originally started as two separate spill sites, reported to the NYSDEC as groundwater contaminated with tetrachloroethene and its breakdown chemicals,

and petroleum compounds. As on-site and off-site subsurface investigation data was developed, the source of the solvent contamination was determined to be 107 Freemans Bridge Road (107 Freemans), the former site of Kenco Chemical Company, Inc.

The approximately 0.86 acre Former Kenco parcel contains a general storage warehouse and once contained at least part of an aboveground storage tank. This parcel was previously used as a chemical warehouse by Kenco Chemical Company, Inc., under the ownership of Kenneth K. Cochrane until approximately 1999 when the parcel was transferred to Ultimate, LLC.

The area is a mixed commercial and residential area, with farmland along the westerly side, Freemans Bridge Road along the easterly side, active railroad tracks on the northerly side, and commercial/residential use on the southerly side.

A site characterization was performed by Ultimate LLC, the current owner of 107 Freemans, within the property boundaries in 2007. The property owner's subsurface investigation identified possible former septic-type structures (tank and/or piping) on the southeasterly and southerly portions of 107 Freemans, and solvent-type contamination in the groundwater.

A site characterization was performed by NYSDEC in 2007 immediately surrounding and upgradient (northerly) of 107 Freemans. NYSDEC's investigation identified solvent-type contamination along the southerly property line of 107 Freemans, and no potential sources upgradient of 107 Freemans. The source for the solvent contamination has been identified as the Former Kenco parcel.

Further off-site investigations have identified groundwater impacts from solvents for approximately 0.5 mile downgradient (southerly) from Former Kenco. Also, several residential and commercial buildings downgradient of Former Kenco have been equipped with soil vapor intrusion mitigation systems, based on NYSDOH air sampling results.

Other potential sources within the 0.5 mile contaminant plume, continuing downgradient of Former Kenco, are undetermined at this time. The investigation data from 81 Freemans Bridge Road (spill #06-07627) indicated solvent-contaminated groundwater. The investigation data from 61 Freemans Bridge Road (spill #03-13876) indicated groundwater contaminated by both solvents and petroleum compounds.

In the summer of 2008, a surface water discharge pipe was discovered, which transmits solvent-contaminated surface water and seasonally-high groundwater from the area of 107 Freemans to downgradient parcels. An Interim Remedial Measure (IRM) was initiated in February 2009 to address this contaminated surface water discharge issue, by collecting and treating the surface water and groundwater in the immediate area of 107 Freemans.

The on-going Remedial Investigation began in June 2009 to address the entire on-site and off-site areas. An interim RI Report (RI-Part1) is now available, along with the draft RI-Part2 workplan, in order to provide information on the status of the RI activities. The draft workplan identifies RI activities which likely will continue through 2011. The above-mentioned Feasibility Study and PRAP development likely will commence in late 2011, and likely end in 2012.

FOR MORE INFORMATION

Where to Find Information

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

NYSDEC Region 4 Office
1130 North Westcott Road
Schenectady, NY 12306
518-357-2045
Mon – Fri 8:30am to 4:45pm

Glenville Public Library
20 Glenridge Road
Glenville, NY 12302
518-386-2243
Mon – Thurs 10:00am to 8:30pm
Fri and Sat 10:00am to 5:00pm

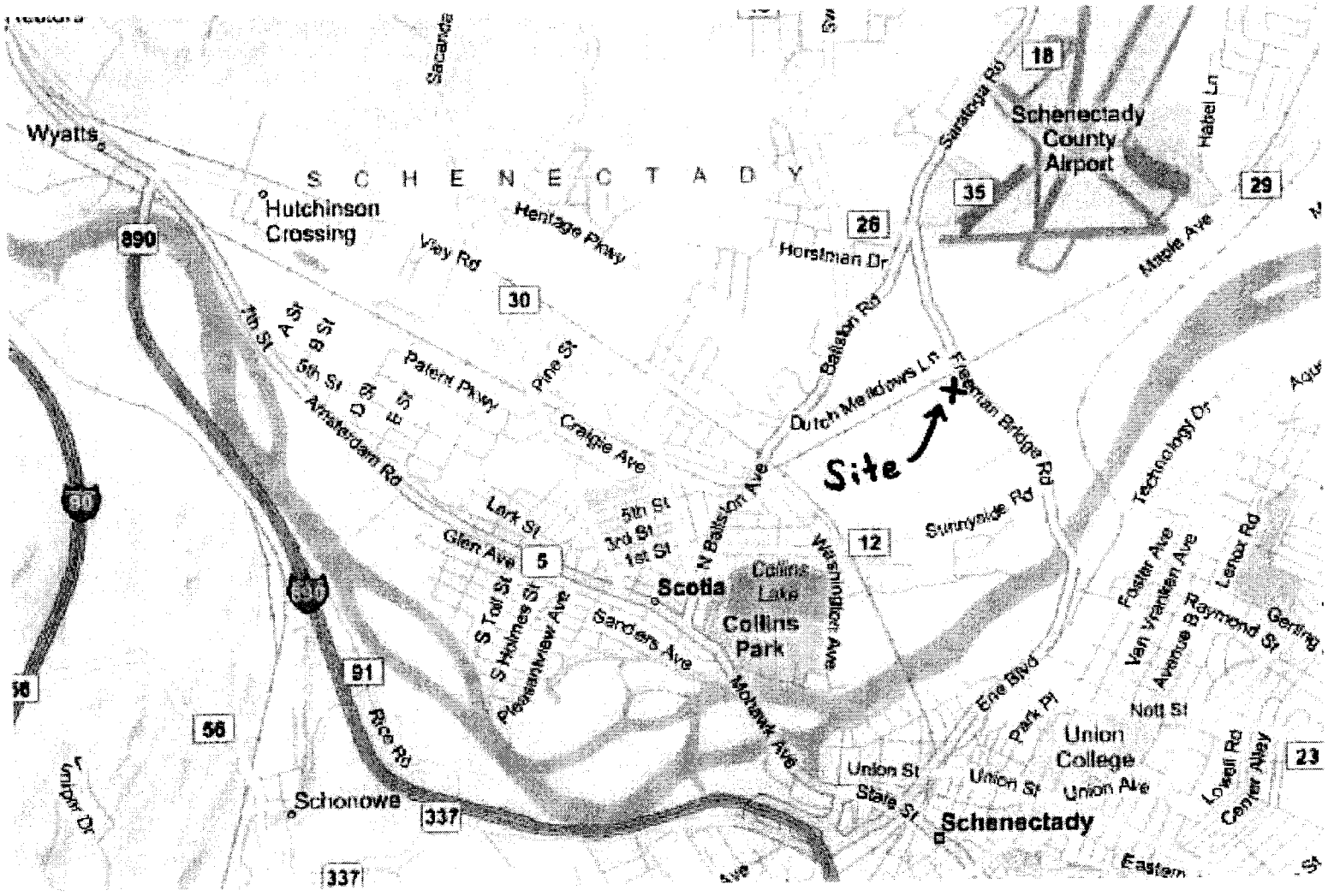
Who to Contact

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

Project Related Questions
Christopher O'Neill, P.E.
New York State Department of
Environmental Conservation
1130 North Westcott Road
Schenectady, NY 12306
518-357-2394
cxoneill@gw.dec.state.ny.us

Site-Related Health Questions
Stephanie Selmer
New York State Department of Health
Flanigan Square
547 River Street
Troy, NY 12180-2216
518-402-7860
beei@health.state.ny.us

If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager above. 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.


Wyatts
SCHENECTADY
Hutchinson Crossing
890
Heritage Pkwy
Vley Rd
30
Patent Pkwy
Pine St
Amsterdam Rd
Craigie Ave
Lark St
Glen Ave
5
5th St
3rd St
1st St
N Ballston Ave
Scotia
Collins Lake
Collins Park
Sanders Ave
S Toll St
S Holmes St
Pleasantview Ave
Mohawk Ave
Washington Ave
12
Ballston Rd
Dutch Meadows Ln
Site
Freeman Bridge Rd
Sunnyside Rd
Technology Dr
Schenectady County Airport
18
35
26
Horsman Dr
Saratoga Rd
Maple Ave
29
Hatel Ln
Foster Ave
Van Vranken Ave
Avenue B
Raymond St
Lenox Rd
Gerling
Erie Blvd
Park Pl
Nott St
Union College
Union St
Union Ave
State St
Schenectady
Lowell Rd
Center Alley
23
Eastern
91
Rice Rd
Schonowe
337
56
Union Dr