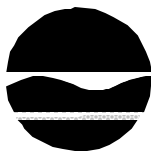


**NEW YORK STATE
DEPARTMENT OF**



**ENVIRONMENTAL
CONSERVATION**

Dear Interested Citizen:

The purpose of this Fact Sheet is to announce the start of an Expanded Site Investigation to determine the source and extent of a TCE ground water plume and evaluate potential vapor intrusion at the Scotia Naval Depot Site. If you have any questions or would like more information, please do not hesitate to contact:

Mr. Jason Pelton
Project Manager
NYSDEC

625 Broadway
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For site-related health questions, please contact:

Ms. Maureen Schuck
Public Health Specialist II
NYSDOH

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mer10@health.state.ny.us

FACT SHEET

Scotia Naval Depot Site

Inactive Hazardous Waste Site (Site # 4-47-023)

EXPANDED SITE INVESTIGATION

AUGUST 2004

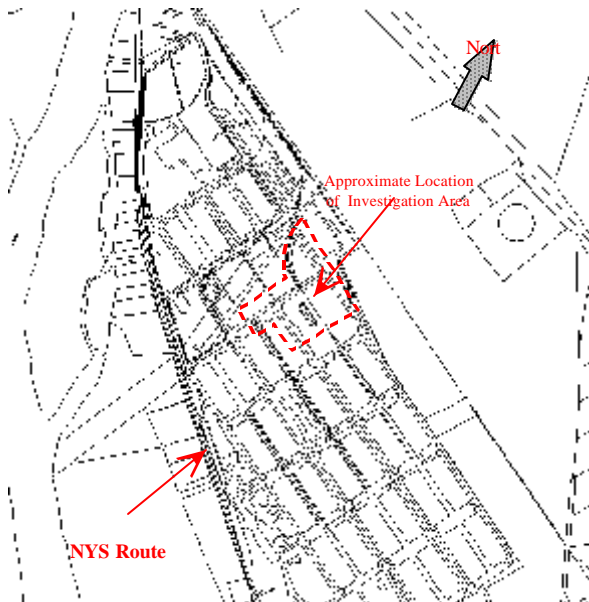
Introduction

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) are issuing this fact sheet as an update regarding ground water contamination in the Town of Glenville, Schenectady County, New York. As described below, contaminated ground water was identified beneath private properties adjacent to the Scotia Naval Depot in the early 1990's. Although several ground water investigations were subsequently performed, the source of the contamination was not identified. The NYSDEC, in cooperation with the United States Environmental Protection Agency (EPA) and NYSDOH, will be performing additional work to better understand the extent of contamination and possible human exposures to the contaminants. Field work is expected to commence in September of 2004. The NYSDEC will hold a public meeting to discuss the scope and objectives of the investigation and to provide the public with an opportunity to ask questions (see separate meeting announcement).

Background

When originally established in 1942, the Scotia Navy Depot was approximately 337 acres in size, but has since been subdivided. Currently, the Scotia Navy Depot comprises approximately 75 acres and represents one parcel in an assemblage of properties that are owned by both governmental and private agencies. The Scotia Navy Depot is owned by the General Services Administration (GSA) and operated by the Defense National Stockpile Center (DNSC). The detection of trace levels of trichloroethene

(TCE) in the Town of Rotterdam and City of Schenectady municipal water supplies in the 1980's led to the evaluation of nearby properties potentially representing the source for the TCE. During this evaluation, a TCE ground water plume was identified beneath multiple properties located west-southwest of the Scotia Naval Depot. Although anecdotal evidence indicates that solvents, including TCE, were used at the site, no specific disposal areas were identified. Despite the completion of subsequent investigations to assess site subsurface conditions and the extent of TCE contamination, a source for the TCE was not identified.



Previous Site Investigation Activities

In response to the detection of TCE in the public water supplies for the Town of Rotterdam and City of Schenectady, the NYSDEC and the NYSDOH performed private water supply sampling in the early 1990's. The private water supply sampling included wells that serviced residences located on NYS Route 5 in the Town of Glenville. TCE was detected in select private water supply wells located along NYS Route 5 and west-southwest of the Navy Depot. Following the identification of TCE in the private water supply wells, the Town of Glenville provided municipal water to the area along NYS Route 5.

To identify the source for the TCE, a series of subsurface investigations were subsequently performed at the Scotia Navy Depot and adjacent properties. The investigations identified a TCE ground water plume generally trending in a southwest direction from the approximate center of the 300 Block-400 Block property boundary toward the south-central area of the 200 Block near NYS Route 5. No TCE source area was identified during the subsurface investigations.

The Next Steps

The NYSDEC will perform an Expanded Site Investigation (ESI) at the site. As part of the ESI, the NYSDEC will collect additional data to better understand the source, nature, and extent of contamination. The ESI has been designed to provide data in areas where data gaps currently exist. Specifically, the investigation will include the following components:

1. Completion of an on-site shallow soil gas investigation to identify a potential source area and possibly delineate the lateral extent of a portion of the ground water plume;
2. Completion of an indoor air monitoring program to evaluate the potential for contaminated soil vapor to enter into residences;
3. Excavation of test pits and collection of soil samples for laboratory analysis to define shallow soil conditions and possible source areas;
4. Characterizing ground water quality and hydraulic characteristics of the aquifer through the installation of soil borings and ground water monitoring wells and the subsequent collection of samples for laboratory analysis; and
5. Completion of a ground water level monitoring program from a network of 35 monitoring wells to evaluate ground water flow patterns.

Document Repository

Public understanding and involvement are important to the success of New York's hazardous waste remedial program. To keep you informed, NYSDEC distributes fact sheets, similar to this one, and we place site documents for your review in a local repository. The NYSDEC has established a Document Repository for the Scotia Naval Depot Expanded Site Investigation at:

Schenectady County Public Library Reference Desk 99 Clinton Street Schenectady, N.Y. 12305	By appointment at: NYSDEC Central Office 625 Broadway Albany, N.Y. 12233-7013 (518) 402-9812	By appointment at: NYSDEC Region 4 Office 1150 North Westcott Road Schenectady, N.Y. 12306 (518) 357-2045
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