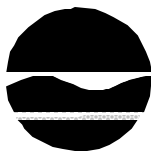


**NEW YORK STATE
DEPARTMENT OF**



**ENVIRONMENTAL
CONSERVATION**

Dear Interested Citizen:

The purpose of this Fact Sheet is to announce the start of a Remedial Investigation and Feasibility Study to examine contamination from the Town of Carroll Landfill Site off Ivory Road. If you have any questions or would like more information, please do not hesitate to contact:

Mr. Edward Hampston
Project Manager
NYSDEC

625 Broadway
Albany, NY 12233-7013
(518) 402-9812

or

Mr. Michael Podd
Office Of Public Affairs
NYSDEC

270 Michigan Avenue
Buffalo, NY 14203
(716) 851-7220

For site-related health questions, please contact the following Health Department representative:

Mr. Cameron O'Connor
Public Health Specialist
NYSDOH

584 Delaware Ave
Buffalo, New York 14203
(716) 847-4385

FACT SHEET

TOWN OF CARROLL LANDFILL SITE

Inactive Hazardous Waste Site (Site # 9-07-017)

REMEDIAL INVESTIGATION

January 2004

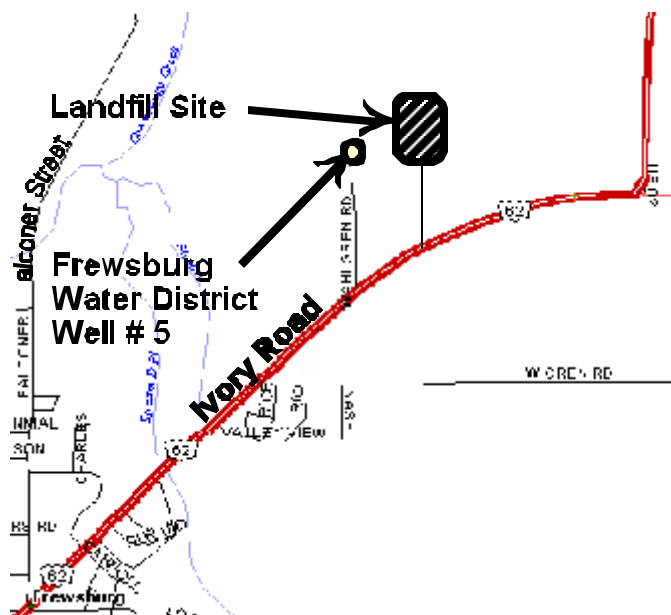
Introduction

The New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), is pleased to inform you that the State will conduct a Remedial Investigation and a Feasibility Study of the Town of Carroll Landfill. The landfill is located north of Ivory Road (Route 62) at the end of an unpaved road (See Figure). The Remedial Investigation and Feasibility Study will, if necessary, provide the information needed to select the remedial action for this site.

The Landfill occupies about 25 acres of a 305-acre property owned by the Town of Carroll. In the past two rectangular landfill cells (east and west), separated by a drainage swale, were used for the disposal of municipal solid waste, wood debris, and construction and demolition debris. Industrial wastes were also disposed of in some areas.

Background

The site was operated by the Town of Carroll as a municipal solid waste landfill from the early 1960's to 1979. Records indicate that industrial wastes were disposed of in the Landfill during the period of operation. In addition, inspections by NYSDEC in April 1992 reported partially buried 55 gallon drums. In 1979, the Landfill received a permit to continue operation only as a construction and demolition debris landfill, and also began operation as a waste transfer station. The western landfill cell was closed in May 1980 and it is unclear when the eastern cell was closed. The Town reported that the site closed as a waste transfer station in 1986. In 1992, as part of the remedial investigation of the Vac Air Alloys site (#9-07-016) in Frewsburg, it was alleged that industrial waste from Vac Air Alloys was disposed of at the Landfill. As a result the State began a series of investigations of the Carroll Landfill.



Previous Site Assessment Activities

In 1992, NYSDEC inspected the site and collected samples of leachate and waste solids. Some of the leachate samples had elevated levels of Volatile Organic Compounds (VOCs) that provided sufficient evidence of hazardous waste disposal to warrant a more detailed Site Assessment. The Site Assessment was done in 1995 and 1996 and included sampling of surface water, leachate and soil/waste. It also included the installation and sampling of groundwater monitoring wells. As a result of the Site Assessment, the Carroll Landfill was listed as a Class 2 site in the NYSDEC's Registry of Inactive Hazardous Waste Sites. A Class 2 site presents a significant threat to the environment or public health and action is required.

The Site Assessment determined that there was likely a plume of contaminated groundwater emanating from the site and heading toward a new water supply well. The well, installed in January 1995, is located at the Town of Carroll Public Works garage off Wahlgren Road, about 700 feet southwest of the Landfill. At that time water quality sampling of the new supply well did not indicate any impacts that could be attributed to the Carroll Landfill.

Subsequent testing of the well by NYSDOH and Chautauqua County Department of Health have indicated that VOCs from the Landfill are threatening the well. Since the potential impacts to the water supply well were noted, Chautauqua County Department of Health and NYSDOH have continued to closely monitor the water supply well and adjacent monitoring wells for VOCs on a frequent basis. While VOC levels appear to be increasing to some degree, they remain below New York State standards for drinking water. The upcoming remedial investigation will attempt to confirm the source of VOCs and evaluate further impacts to the supply well.

The Next Steps

Under the State Superfund program, NYSDEC will perform a Remedial Investigation and Feasibility Study (RI/FS) of the site. As part of the RI, various testing will be done to more fully determine the nature and extent of contamination present. The investigation will focus on the following areas:

- a. defining groundwater quality and characteristics through installation of additional monitoring wells and sampling of existing wells;
- b. determine the impact of waste decomposition and attempt to locate pockets of hazardous waste through examination of soil gas;
- c. collect and analyze surface and subsurface soil samples;
- d. excavate test pits to define the limits of the wastes and identify potential pockets of contamination;
- e. collection and analyze sediment samples; and,
- f. collection and analyze surface water samples.

Using results from the RI, a Feasibility Study (FS) will be completed for the site. The FS will evaluate various remedial options and the NYSDEC will develop a Proposed Remedial Action Plan for the site. The proposed plan will then be presented to the public for comment. This will be done through a Fact Sheet and at a public meeting.

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, like this one, and we place site documents for your review in a local repository. The NYSDEC has established a Document Repository for the Town of Carroll Landfill Site at:

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| Public Library Reference Desk Myers Memorial Library 23 Ivory Street Frewsburg, New York 14738 | by appointment at NYSDEC Central Office 625 Broadway Albany, NY 12233-7013 (518) 402-9812 | by appointment at NYSDEC Region 9 Office 270 Michigan Ave. Buffalo, NY 14203 (716) 851-7220 |
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