



New York State Department of Environmental Conservation
Division of Environmental Remediation



BEEKMAN TOWN GARAGE
INACTIVE HAZARDOUS WASTE DISPOSAL SITE #314094
TOWN OF BEEKMAN, HAMLET OF POUGHQUAG, DUTCHESS COUNTY
REMEDIAL ACTION TO BEGIN
NOVEMBER 2000

RECEIVED
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NYS DEC
REGION 3

INTRODUCTION

The Beekman Highway Garage Site is located on Town of Beekman Highway Department property at the intersection of County Route 7 and Gardner Hollow Road in the Hamlet of Poughquag, Town of Beekman, Dutchess County, New York. The site is situated in the north-central part of the 10-acre Town property.

In May 1995, the Highway Garage Site was added to the State Registry of Inactive Hazardous Waste Disposal Sites as a Class 2 site. A Class 2 site is one where there is a significant threat to the public health or the environment - action required.

In May 1996, the New York State Department of Environmental Conservation (NYSDEC) released its Preliminary Site Assessment (PSA) report, which indicated that the chlorinated solvents 1,1,1-trichloroethane (TCA) and perchloroethylene (PCE) had been disposed of on Highway Department property.

REMEDIAL HISTORY

An area to the north of the steel Highway building (pole barn) and west of the block garage was formerly a discharge point for PCE and other volatile organic compounds (VOCs). In July 1994, contaminated soil at this location was excavated and removed to a depth of approximately 4.5 feet.

In November 1994, contaminated soil from the service bay pit in the Highway concrete block garage was excavated and disposed of off-site at a permitted disposal facility. Soil was removed to a depth of 11 feet below the garage floor.

In April 1996, the Town entered into a Memorandum of Understanding (MOU) with the NYSDEC, which obligated the Town to construct a central water system to provide potable water to affected residences. This system was brought on line in February 1997.

The March 1998 Remedial Investigation (RI) report indicated that TCA and PCE originated from locations adjacent to the Highway Department pole barn, and that petroleum-contaminated soil was present in the former underground storage tank (UST) area.

The March 1999 Focused Feasibility Study (FFS) report considered several remedial alternatives: 1) No Action; 2) Natural Attenuation; 3) Source Area Excavation & Natural Attenuation; and 4) Soil Vapor Extraction (SVE) & Natural Attenuation.

RECORD OF DECISION

In November 1999, the NYSDEC issued the Record of Decision (ROD), which calls for removal of contaminated soil from the former UST area or installation of a soil vapor extraction (SVE) system; analysis of water samples collected from Whaley Creek; long-term groundwater monitoring on- and off-site; and the installation of a light non aqueous phase liquid (LNAPL) recovery system if petroleum related contaminants are encountered on the groundwater surface.

REMEDIAL ACTION PLAN

The Town of Beekman has elected to excavate petroleum-contaminated soil from the former Highway Department UST area and dispose of it off-site, thereby eliminating a potential source of ongoing groundwater contamination. Source removal is expected to lessen the duration and expense of groundwater remediation by removing contaminants before they reach groundwater. The long-term groundwater monitoring program is meant to accomplish two main objectives: 1) Monitor the natural attenuation of VOCs to determine whether concentrations are increasing, decreasing or stabilizing over time; and 2) Determine whether VOCs are moving off-site.

The Town of Beekman plans to complete soil excavation and initiate the long-term groundwater monitoring program in late November and early December 2000.

DOCUMENT REPOSITORIES

The approved Remedial Design/Remedial Action (RD/RA) Work Plan for this site is available at the following document repositories:

Beekman Library
Clove Plaza
PO Box 697
Poughquaq, NY 12570
845/724-3414

Hours: Tues. 10 am - 6 pm; Wed. 3 pm - 8 pm; Thurs.
10 am - 8 pm; Fri. 10 am - 4 pm; Sat. 10 am - 4 pm

Town Clerk
Beekman Town Hall
4 Main Street
Poughquaq, NY 12571
845/724-5300
Hours: Mon.- Fri. 9 am - 4 pm

NYSDEC
Region 3
21 South Putt Corners Road
New Paltz, NY 12561
845/256-3154
Hours: Mon. - Fri. 8:30 am - 4:45 pm

FOR MORE INFORMATION

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