



FACT SHEET

Brownfield Cleanup Program

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Site Name: Former Marble Quarry Landfill

DEC Site #: C360143

Address: 109-125 Marbledale Road
Tuckahoe, NY 10707

Have questions?
See
"Who to Contact"
Below

Report Recommends Cleanup of Brownfield Site Contamination

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Remedial Investigation Report for the Former Marble Quarry Landfill site ("site") located at 109-125 Marbledale Road, Tuckahoe, Westchester 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."

Remedial Investigation Report

The "Remedial Investigation Report" was submitted by Bilwin Development Affiliates LLC ("applicant(s)"). The report describes the results of the site investigation and recommends development of a remedy to cleanup the contamination that was found.

Based on the findings of the investigation, NYSDEC, in consultation with the New York State Department of Health (NYSDOH), has determined that the site poses a significant threat to public health or the environment.

Highlights of the Remedial Investigation Report

The investigation has defined the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected. The RI collected data to characterize areas of the Site where sampling was not previously performed. Samples were collected from the surface and subsurface soil/fill, soil vapor and groundwater. Data collected during the RI was used to identify potential health risks and to evaluate remedial alternatives as they relate to future proposed development of the Site.

The investigation included installation of twelve (12) vapor points, thirteen (13) test borings and six (6) groundwater monitoring wells. A total of ten (10) surface soil samples and twenty-five (25) subsurface soil samples were collected as part of the RI.

The RIR documents detections of polycyclic aromatic hydrocarbons (PAHs) and metals in site surface soils above the unrestricted use soil cleanup objectives (SCOs). In subsurface soils, the RIR documents detections of volatile organic compounds (VOCs), PAHs, metals and polychlorinated biphenyls (PCBs) above the unrestricted use SCOs.

In groundwater, the RIR documents that VOCs, PAHs, Metals, PCBs and the pesticide dieldrin were found in groundwater samples above the groundwater quality standards.

Levels of dichlorodifluoromethane (Freon 12), 1,2-dichlorotetrafluoroethane (Freon R114), and trichlorofluoromethane (Freon 11) were found in soil vapor at the site boundary which warrant a soil vapor investigation of off-site parcels. This investigation is currently under way.

Next Steps

NYSDEC may require modifications to the report and, if appropriate, approve the investigation report. The approved report will be made available to the public (see "Where to Find Information" below). The applicant(s) may then develop a cleanup plan, called a "Remedial Work Plan." This plan describes how contamination will be addressed, with NYSDEC and NYSDOH overseeing the work. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 45-day comment period.

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

Background

Site Location: The site is located in the Village of Tuckahoe, Town of Eastchester, in Westchester County. To the west of the site is Verdi Avenue, to the north are commercial properties, to the east is Marbledale Road, and to the south is a large parking area.

Site Features: The site consists of two (2) tax parcels totaling approximately 3.45 acres. A shed, mounted on a trailer is located at the northwest corner of the property, and a mobile storage unit is near the northeastern corner of the site. There is a paved parking lot and an overgrown grassy area. The site is partially fenced on the southern, eastern, and northern sides.

Current Zoning and Land Use: The site is located in a commercially zoned area. The surrounding land use is mixed residential and commercial, and the site is currently vacant.

Past Use of the Site: The site has been used in the past for commercial and industrial operations including a quarry, a landfill, and for auto repair and auto parking.

Site Geology and Hydrogeology: The site geology consists of 0-6 feet of sand fill material of moderate permeability. There is a marble formation beneath the site that varies in thickness between 3 and 150 feet, which is comprised of dolomite marble, granulite, and quartzite overlain by calcite marble. A highly fractured bedrock unit underlies the marble layer. The site is surrounded by shallow bedrock outcrops. The water table is most likely between 20 feet below the surface. Groundwater flow is assumed to be south-southwest toward the Bronx River.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/external/derexternal/haz/details.cfm?pageid=3&progno=C360143>

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses.

A **brownfield** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>

FOR MORE INFORMATION

Where to Find Information

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

Tuchahoe Public Library
Attn: Swadesh Pachnanda
71 Columbus Avenue
Tuckahoe, NY 10707
phone: 914-961-2121
(spachnan@wlsmail.org)

New York State Department of
Environmental Conservation
Attn: Wendy Rosenbach
Region 3 Office
21 South Putt Corners Road
New Paltz, NY 12561
phone: 845-256-3018

Who to Contact

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

Project Related Questions

Randy Whitcher
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7020
518-402-9669
randy.whitcher@dec.ny.gov

Site-Related Health Questions

Renata Ockerby
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza - Corning Tower Room 1787
Albany, 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.

Site Figure

