



FACT SHEET

Voluntary Cleanup Program

Dalewood I Shopping Center
Site Number V00457
Hartsdale, NY

July 2010

Cleanup Action Continues at Voluntary Cleanup Program Site

Action is about to begin to address contamination related to Dalewood I Shopping Center Site (“site”) located at 357 North Central Avenue in Town of Greenburgh, Westchester County under New York’s Voluntary Cleanup Program. See Figure 1.

The cleanup action for the site includes enhanced bioremediation (the input of chemicals or other biological agents and/or nutrient products to facilitate the breakdown of contaminants) of groundwater contamination. The cleanup activities will be performed by Centro Properties Group (“volunteer”). The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) will provide oversight.

Highlights of the Upcoming Cleanup Activities

In order to accelerate the naturally occurring breakdown of the dry cleaning solvent perchloroethylene (PCE) in the groundwater at the site, enhanced bioremediation will consist of the injection of a hydrogen release compound product at accessible portions of the on-site groundwater plume. See Figure 2. No permanent borings or well materials will be installed as part of the injection process. Following injection, each boring/injection point will be backfilled with inert material and the asphalt surface will be repaired. Three new background monitoring wells will also be installed on-site.

Next Steps

The volunteer is expected to begin activities at the site on or about June 21st. These activities are anticipated to take about 4 to 6 days to complete.

After the volunteer completes the cleanup activities, they will prepare a Final Engineering Report and submit it to NYSDEC. This document will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

Voluntary Cleanup Program: New York’s Voluntary Cleanup Program (VCP) was developed to encourage private sector volunteers to investigate and clean up contaminated properties and return these sites to productive use. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

For more information about the VCP, visit:
www.dec.ny.gov/chemical/8442.html

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the Final Engineering Report. NYSDEC then will issue the volunteer a Closure Letter that provides a release from liability. This Closure Letter would declare that the volunteer

has met its obligations and that NYSDEC would not require the volunteer to perform additional investigation or cleanup at the site, subject to certain conditions. The Closure Letter would allow for the redevelopment of the site.

Background

NYSDEC previously accepted an application from the volunteer to participate in the Voluntary Cleanup Program. The application proposes that the site will be used for commercial purposes.

The site consists of approximately 7 acres and is currently developed with a one-story block construction building that is used as the Dalewood I Shopping Plaza and a bank, which was recently constructed in 2008. A former automobile service station which was closed and demolished in 2007 was located adjacent to the area of the bank. The former service station is being assessed and remediated by Exxon Mobil under a separate NYSDEC Spill Number (00-09624). Portions of the property not occupied by the buildings, landscape and/or woods, are covered by asphalt parking and driveways.

The area surrounding the site is mostly urban with retail businesses on all sides of the property except for residential structures located to the northwest. The Dalewood II and Dalewood III Shopping Plazas are located to the northeast of the site. There are no public or private wells within ¼ mile of this site.

A dry cleaning facility operated at the shopping plaza from 1966 to 1977. Sometime during this period, spills of the dry cleaning solvent perchloroethylene (PCE) occurred both inside and outside the building impacting the soils and groundwater beneath.

Preliminary site investigations were completed prior to the volunteer's involvement in the Voluntary Cleanup Program (VCP). Further investigations were initiated in 2003 under the VCP. Two Interim Remedial Measures (IRMs) were also completed at the site in 2003. The first IRM (indoor soil) consisted of the excavation and off-site disposal of approximately 111 tons of soil from under the building floor in the area of the former dry cleaner and the placement of substrate release composition product (a product which accelerates the breakdown of contaminants) in the open excavation. This IRM also involved installation of a sub-slab depressurization system/soil vapor extraction system (SSDS/SVE), which still operates at the site, and groundwater treatment injection network beneath the floor of the former dry cleaner to allow for future access to groundwater in the area of excavation. The second IRM (outdoor soil) consisted of the excavation and off-site disposal of approximately 226 tons of soil from the area behind the former dry cleaner; the placement of substrate release composition product in the open excavation; and the installation of additional groundwater treatment injection wells in the area behind the former dry cleaner.

Subsequent investigations were completed in 2005. After a public comment period, a Remedial Plan was approved by the NYSDEC in March 2006. As the source of contamination has been removed at this site with the removal of over 300 tons of soil, the selected remedy for this site includes Monitored Natural Attenuation, (a naturally occurring chemical, biological and/or physical process, where contaminants are broken down over time); enhanced bioremediation; and soil vapor extraction.

Air monitoring (sub-slab soil vapor and indoor ambient air) is conducted in the shopping center on an annual basis and groundwater sampling is conducted on a quarterly basis at the site.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public to stay informed. These documents include the cleanup plan for the site, called the “Remedial Action Work Plan”.

Greenburgh Library
300 Tarrytown Road
Greenburgh, NY 10523
(914) 993-1600
Mon & Sat: 10 am – 5:30 pm
Tues – Thurs: 10 am – 9 pm
Fri: 11 am – 5 pm

NYSDEC Region 3 Office
21 S. Putt Corners Rd
New Paltz, NY 12561
(845) 256-3154
Mon – Fri: 8:30 am – 4:45 pm

Who to Contact

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

Project Related Questions

Jamie Verrigni
New York State Department of
Environmental Conservation
625 Broadway
Albany, NY 12233-7014
(518) 402-9564
jlverrig@gw.dec.state.ny.us
Call for an appointment

Site-Related Health Questions

Anthony Perretta
New York State Department of Health
547 River Street
Troy, NY 12180-2213
(518) 402-7880

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.

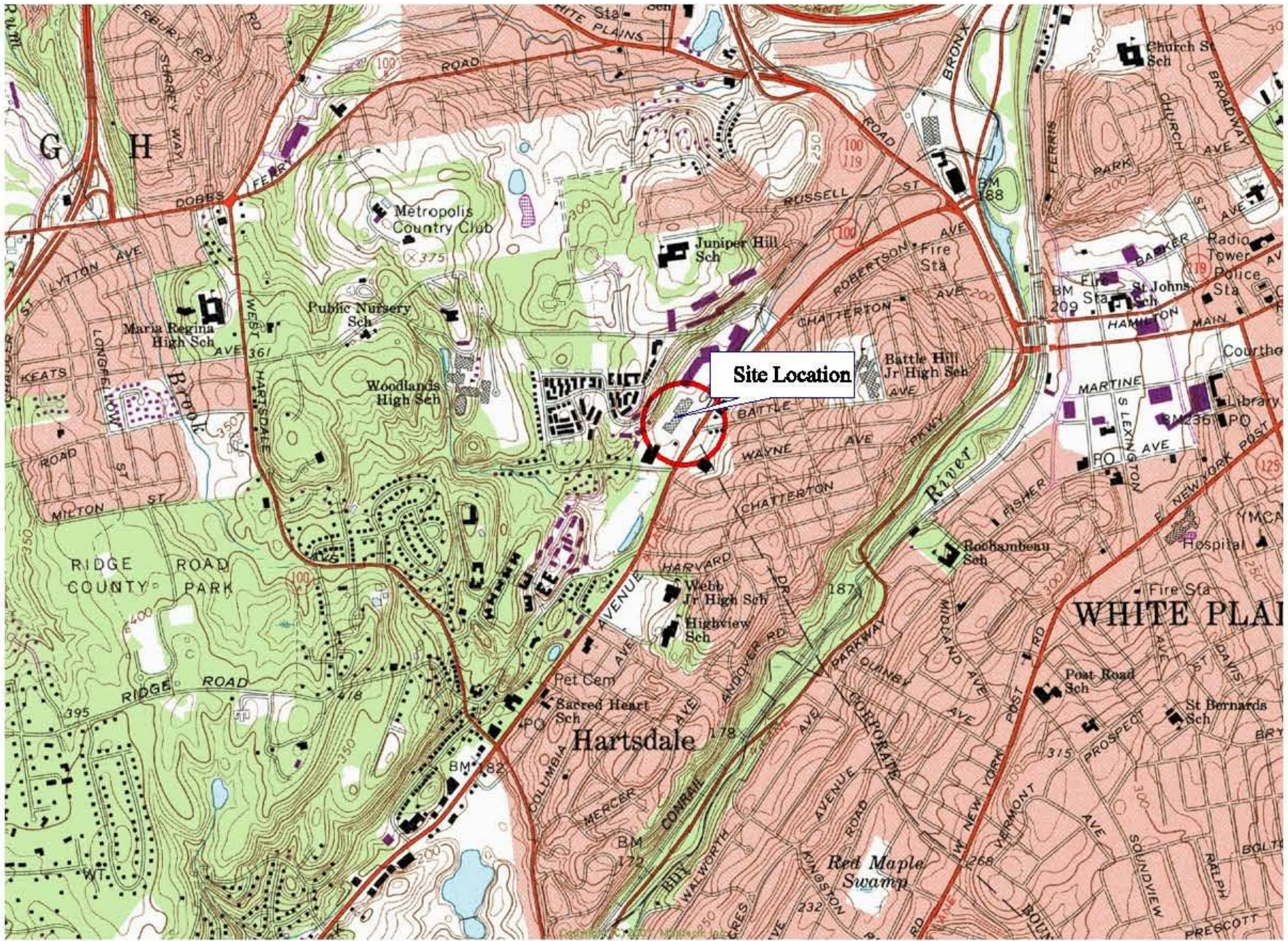


FIGURE 1: Site Location

Dalewood I Shopping Plaza
Site ID #V00457

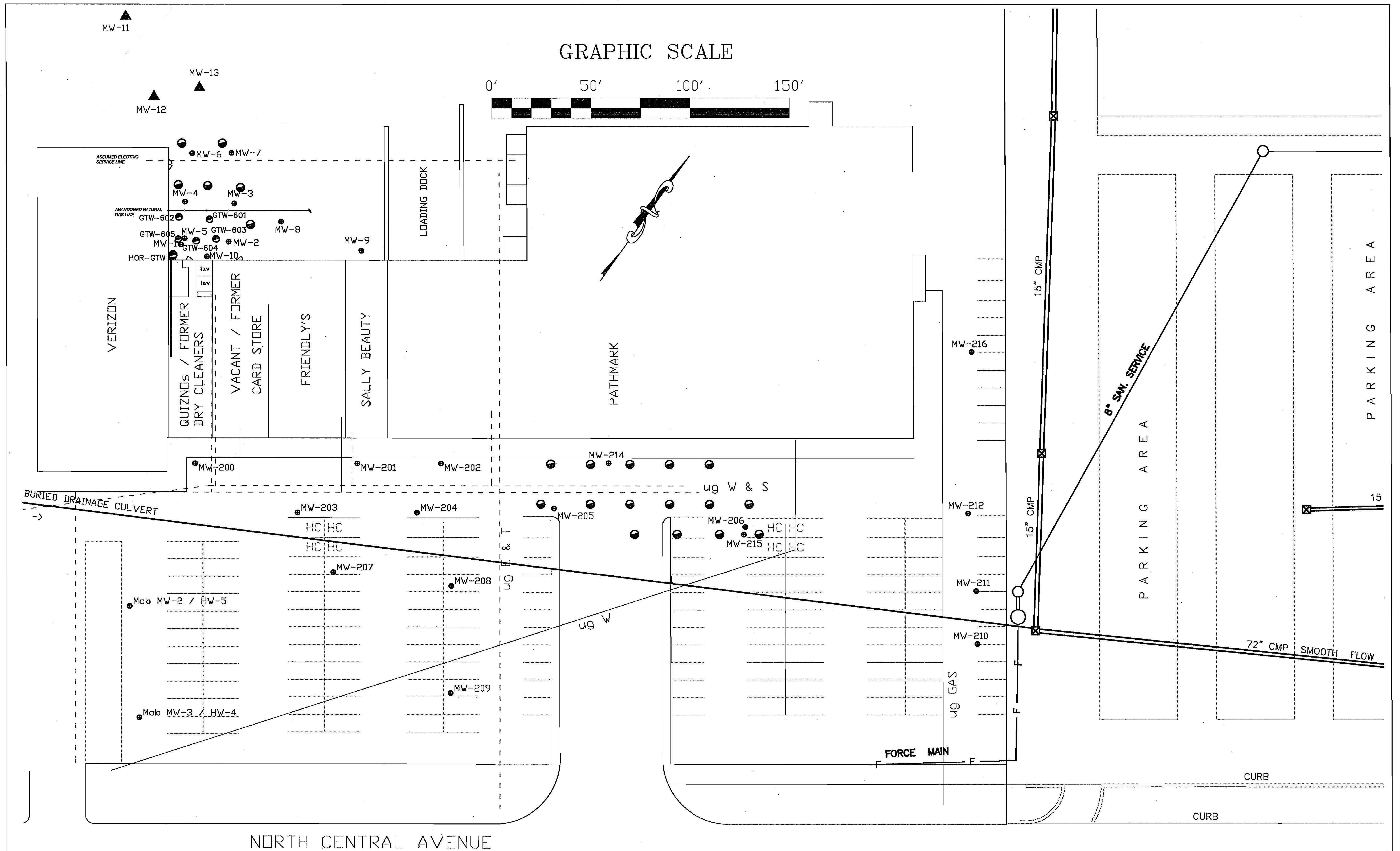


FIGURE 2
PROPOSED INJECTION GRID LOCATION MAP
DALEWOOD PLAZA, HARTSDALE, NEW YORK

LEGEND:		REVISIONS		PROJECT NO.:
⊕	= EXISTING MONITORING WELL			41201.00
●	= PROPOSED INJECTION POINT			FILE NAME:
●	= EXISTING GTW INJECTION POINT			Dalewood Base Fig 2009
▲	= PROPOSED MONITORING WELL			1 OF 1 SHEETS
		SCALE:		
		DATE: 7/9/2009		
		DRAWN BY: RPM		
		CHECKED BY: ND		
		MARSH		
		99 HIGH STREET, BOSTON, MA 02110		