

NEW YORK STATE
DEPARTMENT OFENVIRONMENTAL
CONSERVATION**Dear Citizen:**

The New York State Departments of Environmental Conservation and Health (NYSDEC and NYSDOH) wish to inform you of the current status at the Melody Cleaners Site and proposed site activities involving installation of monitoring wells to evaluate groundwater conditions. The Volunteer is intending to install groundwater monitoring wells between July 30th and September 14th. If you have any questions or would like more information, please contact:

Mr. Brian Jankauskas
Project Manager
NYSDEC
625 Broadway, 11th Floor
Albany, NY 12233-7015
(518) 402-9620

For site related health questions,
please contact the following
NYSDOH representative:

Ms. Scarlett Messier
Public Health Specialist
Bureau of Environmental
Exposure Investigation
NYSDOH
Flanigan Square, 547 River Street
Troy, NY 12180-2216
(800) 458-1158
(518) 402-7870

FACT SHEET

July 19, 2007

Melody Cleaners Site

Site No. V00347-1

2050 Hempstead Turnpike

East Meadow, NY 11554

Proposed Field Activities for the Melody Cleaners Site

The New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), are announcing that the Volunteer is conducting Remedial Investigation (RI) activities to evaluate and address contamination pertaining to the Melody Cleaners Site under the Voluntary Cleanup Program (VCP).

The site is located at 2050 Hempstead Turnpike in East Meadow, Nassau County, New York (see Figure 1). The site is presently utilized for a commercial shopping center that covers approximately 75,000 square feet situated at the southwestern intersection of Hempstead Turnpike and Front Street.

Site History

Dry cleaning operations were initiated when the site was developed in the late 1950s. Prior to the availability of municipal sewers, wastewater from site operations was discharged to on-site cesspools. In 2002, dry cleaning operations ceased the use of tetrachloroethylene (PCE), which is a chemical utilized in dry cleaning and spot removal processes.

Site Investigations

In October of 1999, the results of an environmental site assessment yielded data that indicated soil and groundwater quality beneath the site was contaminated with chlorinated volatile organic compounds (VOCs), primarily PCE and the associated natural breakdown products identified as trichloroethylene (TCE), and cis 1,2-dichloroethene (cis 1,2-DCE).

In March 2000, a supplemental investigation was conducted, which determined that dry cleaning waste had been discharged to the on-site cesspools prior to the facility's connection to the municipal sewer system.

In 2002 and 2003, RI activities were conducted to evaluate environmental impacts in the vicinity of the site. Based on the investigations elevated levels of VOCs were detected in the soil beneath the dry cleaner building, in the soil of the cesspools located at the laundromat, in the soil gas near the contaminated cesspools and south towards Front Street, and in the groundwater beneath the cesspools and extending south towards Devon Street.

Based on indoor air results from 2003 and 2004, site related contaminants were not detected or were detected within background levels at the McVey Elementary School. Regional testing from 2002 to 2004 detected elevated indoor air levels at two structures located on the site and two structures located immediately down-gradient of the site.

Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the RI. The Volunteer has performed four IRMs as detailed below:

1. In November 2000, approximately 500 tons of contaminated soil was removed and disposed of off-site from the three dry cleaning cesspools, which was identified as the primary source of contamination.
2. In April 2003, mitigation measures were taken at four locations to address current human exposures (via inhalation) to volatile organic compounds associated with soil vapor intrusion.
3. In July 2004, approximately 40 tons of contaminated soil was removed and disposed of off-site from the laundromat cesspools based on the RI data.
4. In January 2005, a soil vapor extraction (SVE) system was installed to address residual contamination that remained at the site. An air quality investigation conducted in 2006 determined that the SVE system is mitigating the impacted structures.

Document Repositories: *To review site information:*

Public Library
Levittown Public Library
1 Bluegrass Lane
Levittown, NY
11756-1292
(516) 731-5728
Hours:
M-F 9 a.m. - 5 p.m.
Sat. 9 a.m. - 5 p.m.
Sun. 1 p.m. - 5 p.m.

Public Library
East Meadow Public Library
1886 Front Street
East Meadow, NY
11554
(516) 794-2570
Hours:
M, T, T, F 9 a.m. - 9 p.m.
W 11 a.m. - 9 p.m.
Sat 9 a.m. - 1 p.m.

State Office
NYSDEC Region 1
50 Circle Road
Stony Brook, NY
11790
(631) 444-0240
Hours:
M-F 9 a.m. - 4:45 p.m.

State Office
NYSDEC
625 Broadway
Albany, NY
12233-7015
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Contact:
Brian Jankauskas

For More Information: *Call or write the following staff for more information about:*

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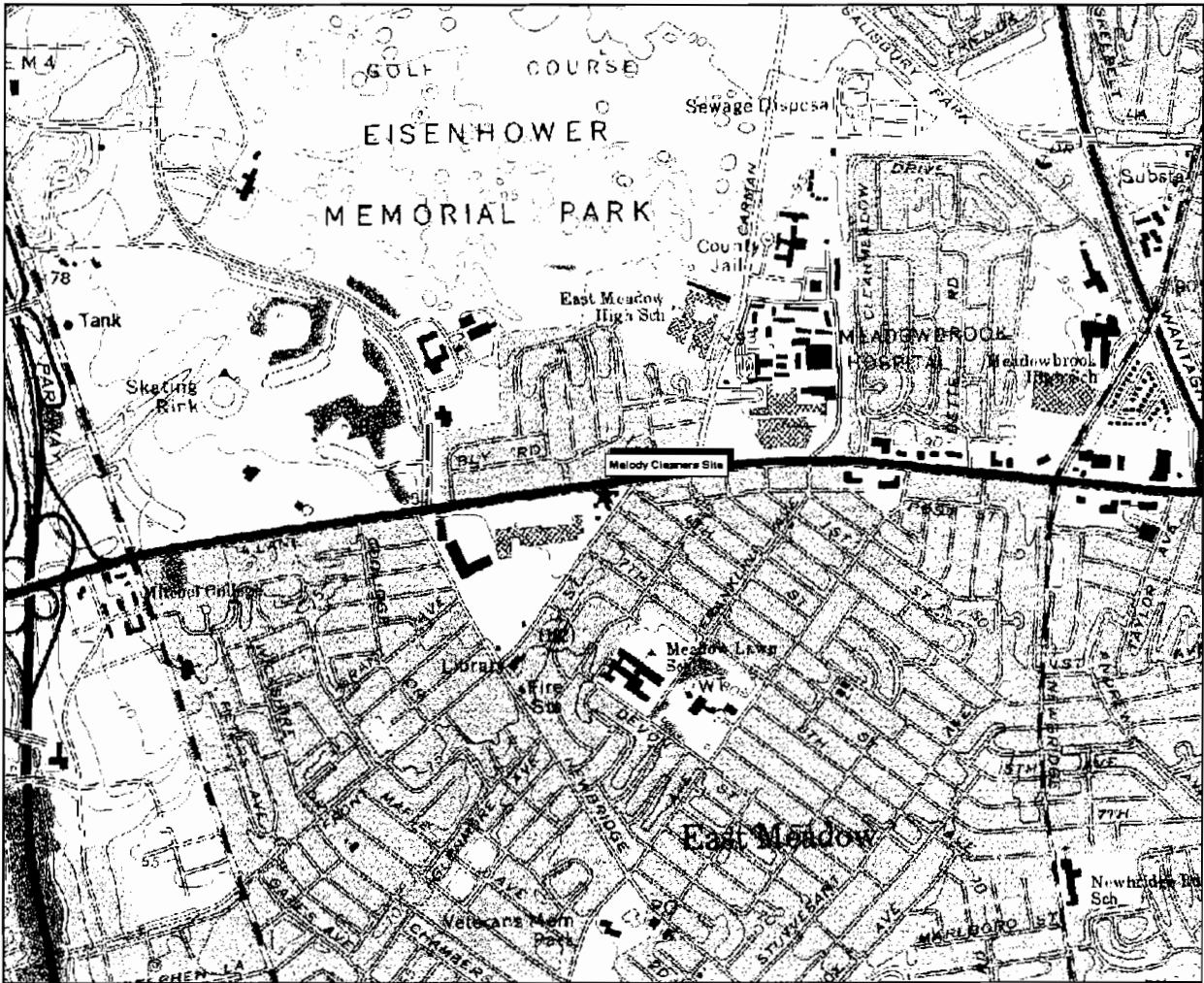
Public Water Supply

The Town of Hempstead Water Department and the Nassau County Department of Health are monitoring water quality from the Prospect Avenue well field to ensure that the public water supply continues to meet or exceed Federal and State drinking water standards.

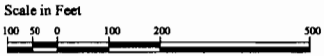
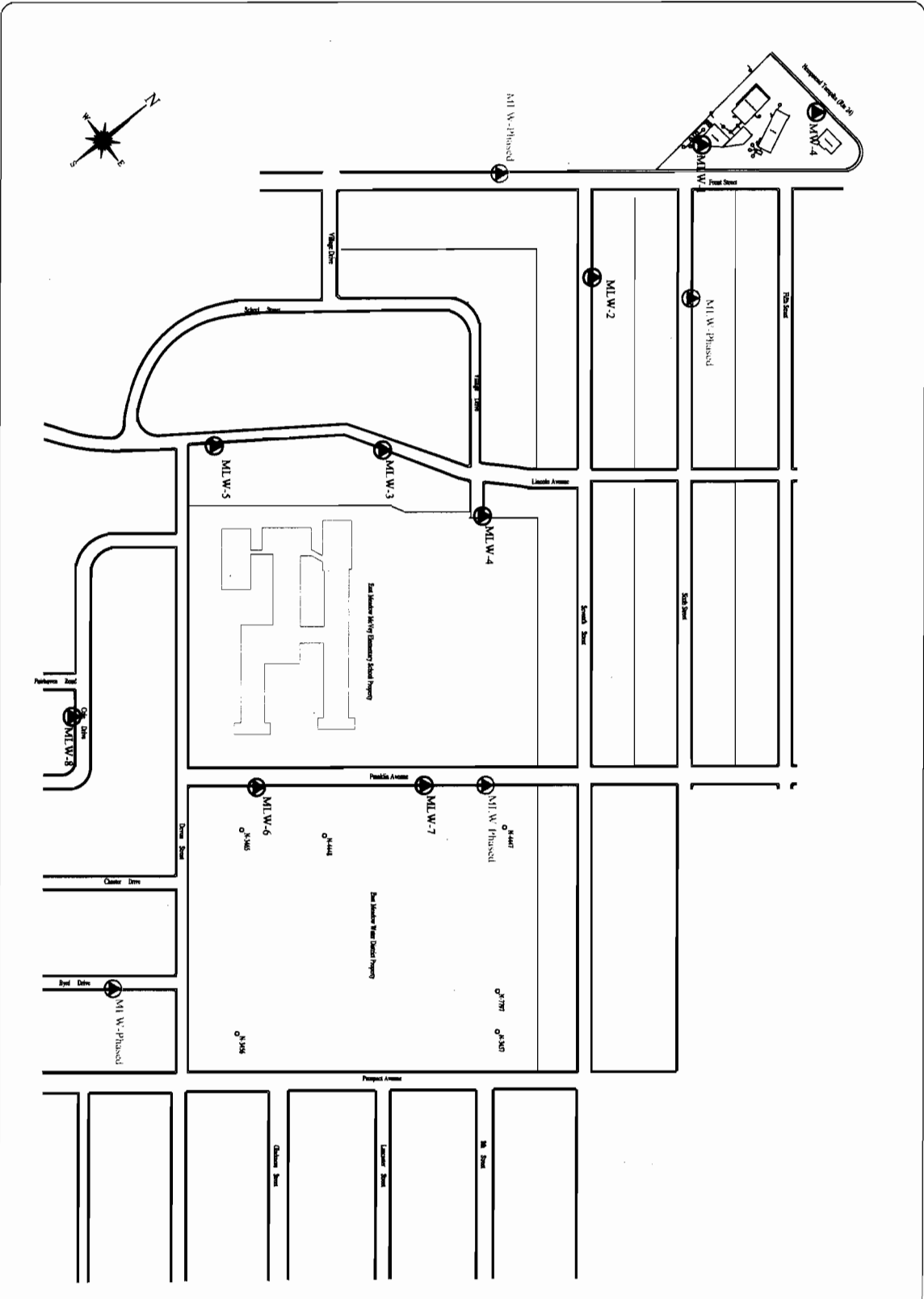
Proposed Activities

As indicated in the April 26, 2004 Fact Sheet, the Volunteers propose to install permanent monitoring wells down gradient of the Melody Cleaners site to evaluate groundwater conditions. The anticipated locations of the monitoring wells are illustrated on Figure 2. Field activities are scheduled to be performed between July 30th and September 14th from 7 a.m. to 5 p.m.

Figure 1: Site Location Map
East Meadow, New York



Scale 1:24000
CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5 - FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WAT



IMPACT ENVIRONMENTAL
 170 KEYLAND COURT
 BOHEMIA, NEW YORK 11716
 TEL (831) 289-8800 FAX (831) 289-1596

1560 BROADWAY, SUITE 1024
 NEW YORK, NEW YORK 10036
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Figure 2: Monitoring Well Plan
East Meadow, New York

Legend Scale: 1" = 240'

- Monitoring Well (Multi-level / Cluster)
- ▲ Monitoring Wells Phased