

**New York State Department of Environmental Conservation  
Division of Environmental Remediation**

**INTERIM REMEDIAL WORK TO BEGIN  
September 2008**

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**Rose Cleaners Site  
500 Lexington Avenue  
Mount Kisco, Westchester County, NY  
Site No. 3-60-059**

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), is providing this fact sheet as part of the state's citizen participation program for inactive hazardous disposal sites.

The community is invited to review the "Interim Remedial Measure Work Plan" for the Rose Cleaners Site located at 500 Lexington Avenue. This document is available for review at the two repositories listed in this Fact Sheet.

**SITE DESCRIPTION**

The subject site is a dry cleaner located in a commercial area of Lexington Avenue in Mount Kisco, New York (see attached map). The property was originally developed for use as a cleaning facility in 1955. The building was remodeled in 1955 and 1962 to include footage for a fur vault. The current site development consists of a one story building of approximately 5,810 sq. ft. on 0.3 acres. The property has always been used as a cleaning plant/facility. A stream is located in the back (west) of the dry cleaners and flows north into the Mt. Kisco River. A public municipal water supply serves the subject property and adjoining areas.

Over the history of this cleaning facility, various dry cleaning machines have been used which require the use of chlorinated solvents, which are volatile organic compounds (VOCs). Since 2001, a self contained dry cleaning machine has been in operation which does not require the use of separate solvent storage containers in the cleaning process. The current facility operator performed an investigation of the property in 2001 and found VOCs in soils near the back door of the facility and along the north side of the building where an exhaust pipe was located. During the soil sampling program, an additional surface water sample was collected downstream, between the dry cleaners and the adjacent property, which found VOCs above New York State Technical Guidance Standards (TOGS). Due to the presence of VOCs that exceeded NYSDEC standards for soil and surface water, the site became listed in the New York State Registry of Inactive Hazardous Waste Disposal Site No. 360059 in February 2004, with a classification of "2". A class 2 designation means that there is a significant threat to public health or environment and action is required.

**REMEDIAL HISTORY**

On February 2, 2004, an Order on Consent between the owners of the Rose Cleaners property and the NYSDEC went into effect. An Order on Consent is a legal and enforceable agreement negotiated between the NYSDEC and a responsible party. The order sets forth agreed upon terms by which a responsible party will undertake site investigation and/or cleanup, or pay for the costs of those activities.

Implementation of the first Remedial Investigation Work Plan (RIWP) began on June 2005. During the course of this investigation, it was determined that the source area was in need of attention to help prevent the contamination

from continuing to move off-site. Supplemental investigations confirmed these findings, and the areas requiring remedial action were refined. An interim Remedial Measure Work Plan (IRMWP) was then submitted to address the key areas of concern.

### **INTERIM REMEDIAL MEASURE**

An Interim Remedial Measure (IRM) is a discrete action to address site conditions to prevent, mitigate, or remedy human exposure and/or environmental damage attributable to a site. While the site investigation continues, the IRM for the Rose Cleaners site is designed to address the highly contaminated soils above and slightly below the water table. The IRM will be comprised of two stages. The first stage will consist of the excavation and removal of contaminated soil north of the Rose cleaners building. It is estimated that between 100 and 150 cubic yards of contaminated soil will be removed and replaced with clean fill.

The second stage of the IRM will consist of in-situ chemical oxidation (ISCO) treatment of contamination below the groundwater table. This process destroys contaminants through controlled chemical reactions. Once the excavation is backfilled and the ISCO treatment has been administered, the entire footprint of the excavated area will be paved. A groundwater monitoring well network will be implemented prior to any ISCO treatment.

### **CITIZEN PARTICIPATION**

The NYSDEC, in conjunction with the NYSDOH, is committed to establishing effective two-way communication with the public. The public is encouraged to make use of the Document Repositories to review site related documents, including the "Interim Remedial Measure Work Plan".

For additional information, please contact the following:

#### **About the site:**

Michelle Tipple  
NYSDEC  
21 South Putt Corners Road  
New Paltz, NY 12561-1620  
(845)256-3153

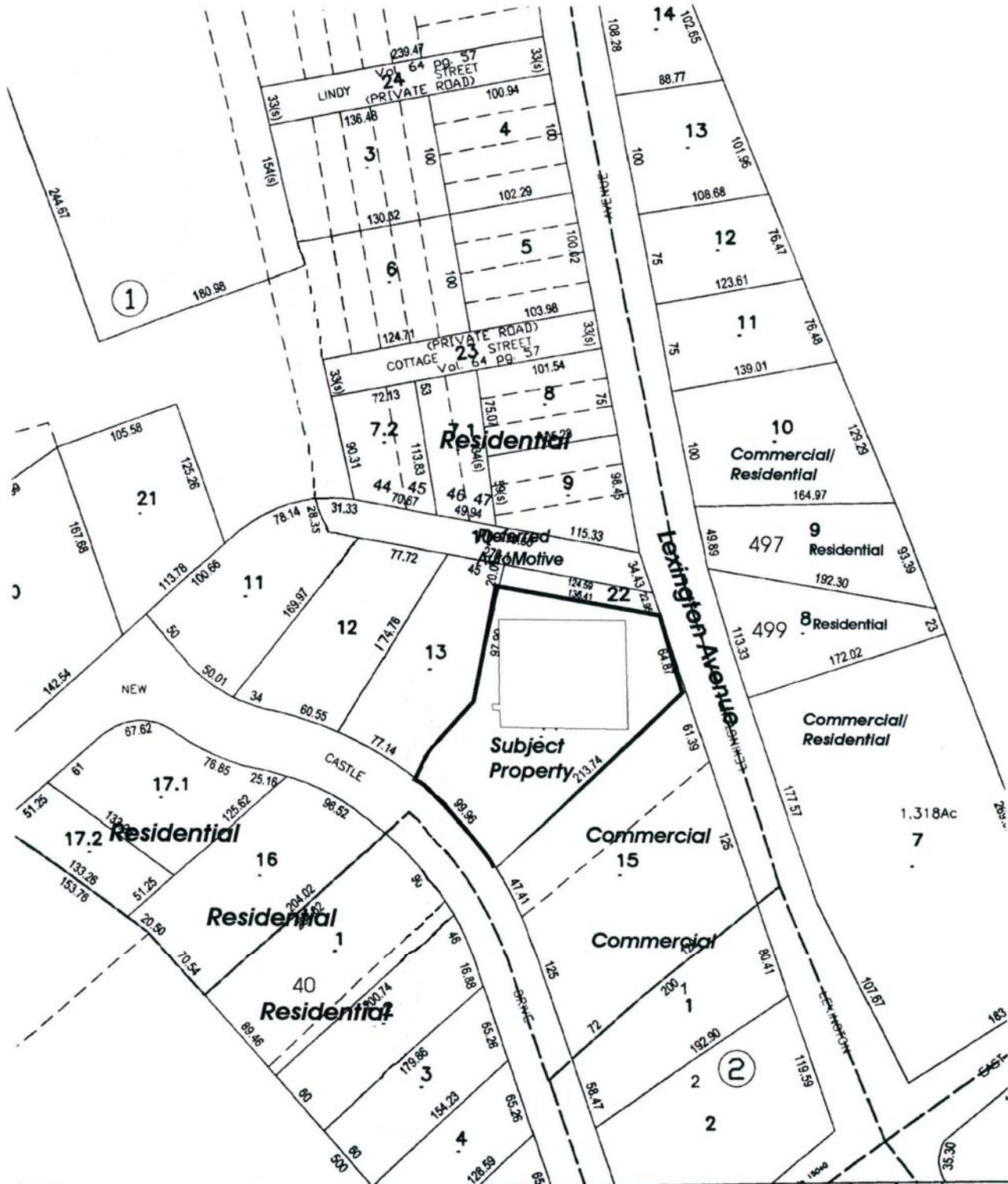
#### **About health-related issues:**

Nathan Walz  
NYSDOH  
547 River Street  
Troy, New York 12180  
(800) 458-1158 x 27880

#### **Local Document Repositories:**

Reference Desk  
Mt. Kisco Public Library  
100 Main Street  
Mt. Kisco, NY 10549  
M/Tu/Th: 10am - 9 pm  
W, F, Sat.: 9am - 5pm  
(914) 666-0841

NYSDEC- Region 3 Office  
21 South Putt Corners Road  
New Paltz NY 12561-1620  
Mon-Fri: 9am-4pm  
By appointment  
(845)256-3154



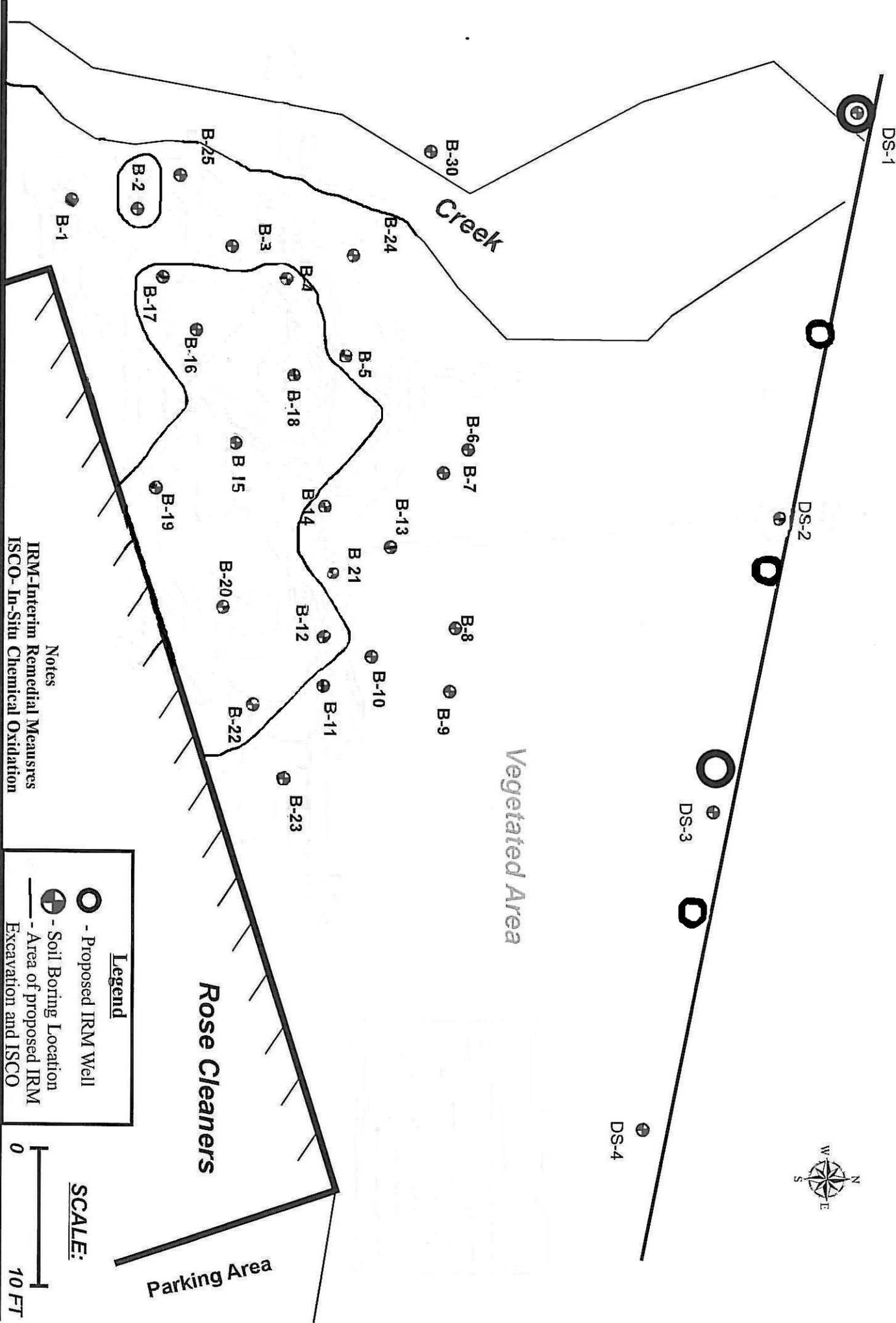
LEGEND			
E LINE	BLOCK LIMIT	DEED DIMENSION	18.5'
ROAD LINE	BLOCK NUMBER	SCALED DIMENSION	25.0'(±)
U.W. LINE	PARCEL NUMBER	DEED BLOCK NUMBER	⑫
LINE	DEED AREA	DEED LOT NUMBER	⑧
LINE	CALCULATED AREA	DENOTES PARCEL	2
LINE	COORDINATED LOCATOR	CONTINUATION	

SCALE:  
  
 FEET  
 REAL PROPERTY TAX MAP  
 FOR TAX PURPOSES ONLY  
 NOT TO BE USED FOR CONVEYANCES



INDEX ADJOINING	
80.55	80.1
80.63	
80.71	80.

Figure 1 - SITE Map of Subject Property and Adjoining Areas



**Figure -2 - Proposed IRM Monitoring Well Locations and area of IRM excavation and ISCO**

**Rose Cleaners**  
 500 Lexington Avenue  
 Mount Kisco, New York

**Notes**  
 IRM-Interim Remedial Measures  
 ISCO- In-Situ Chemical Oxidation

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