



Michael D. Zagata
Commissioner

PUBLIC NOTICE

Dear Interested Citizen:

This mailing contains two Fact Sheets regarding inactive hazardous waste disposal sites; one on the Cantor Brothers Site (No. 152021), the other on the Minmilt Realty (Hygrade Metal Moulding) Site (No. 152147). The New York State Department of Environmental Conservation (Department) has included both Fact Sheets in this one mailing since these Sites are adjacent, have similar interested/affected public, will have field work starting at the same time, and to save on mailing costs.

Please contact any of the persons listed in the Fact Sheets with any questions or for further information. Your input is important to these projects.

Sincerely,

Steven M. Scharf, P.E.
Project Engineer
Bureau of Eastern Remedial Action
Division of Environmental Remediation

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Michael D. Zagata
Commissioner

FACT SHEET #2
July 1996

Cantor Brothers, Site #152021
Engineers Lane
East Farmingdale, New York

The purpose of this fact sheet is to inform the public regarding an Interim Remedial Measure (IRM) that will be performed at the above site. Field work associated with the investigation of hazardous contaminants is scheduled to begin the week of July 29, 1996 at the above site located on Engineers Lane, East Farmingdale, in the Town of Babylon. The principle objective of the IRM for the Cantor Brothers Site is to define the extent of on-site soil contamination. This work was originally scheduled to begin in December 1994 per the Fact Sheet we mailed to you in November 1994. The start of this work was delayed while waiting for the Bankruptcy Court to provide funding for this project. The New York State Department of Environmental Conservation (NYSDEC) will use the information gathered during the IRM to decide how best to remediate any soil contamination found.

The field work is for an Interim Remedial Measure (IRM). This IRM is an interim action, which will begin to identify the source area of soil contamination for future clean up. The owner of the property will undertake the IRM under a legal agreement with New York State negotiated through a bankruptcy action. A Remedial Investigation/Feasibility Study (RI/FS) will be conducted in the future. That study is more comprehensive than the IRM and will determine the full nature and extent of all on-site and any off-site contamination, identify clean-up alternatives and recommend a remedy for the site.

Site Description

Cantor Brothers was a chemical repackaging facility, and handled petroleum distillate solvents, paint thinners, creosote, and other chemicals from approximately 1975 to 1992. The 3.2 acre site is located in an industrial and commercial area. The site is located on Engineers Lane between Smith Street on the north and Central Avenue on the south; and between New Highway on the west and Wellwood Avenue on the east. The site is listed as a Class 2 site (No.

152021) in the New York State Registry of Inactive Hazardous Waste Disposal Sites. Class 2 is assigned to sites where hazardous waste poses a significant threat to the public health or the environment. The surrounding community is supplied drinking water by the East Farmingdale water district. Public water supplies are monitored on a regular basis to assure they meet New York State drinking water standards.

A preliminary soil and groundwater investigation was done in 1983, followed by another soil and groundwater investigation in 1988. Volatile organic compounds and metals were found to exceed the State groundwater standards at the site. Additionally, semi volatile organic compounds, pesticides, and metals were found to exceed the State soil clean-up objectives.

IRM Field Activities

Subsurface soil conditions will be investigated. Twenty-two soil borings will be completed. All of the storm drains on site and two secondary leaching pools will be sampled. The primary leaching pools for the two septic systems will be sampled. Five soil borings will be conducted through the former underground storage tank area. Borings will be completed through the former location of the gasoline underground storage tank and the former location of the fuel oil underground storage tank. A boring will be conducted through the stained asphalt area near the trash dumpster if the integrity of the asphalt is suspect.

Two groundwater monitoring wells will be installed upgradient of the site and one temporary downgradient monitoring well will also be installed. These three wells and the existing four monitoring wells on site will be sampled.

Citizen Participation

This Fact Sheet is part of our Citizen Participation Program, through which we exchange information with the interested and affected public regarding the investigation and remediation of this and other inactive hazardous waste sites. The next citizen participation steps will be a Fact Sheet to discuss the results of the IRM and a public meeting, with notification thereof, to be held prior to the start of the RI/FS.

Documents associated with the site are available for the public to read in the document repositories listed here:

Half Hollow Hills Community Library

55 Vanderbilt Parkway

Dix Hills, NY 11746

(516) 421-4530

Hours: 9:30 am - 9:00 pm Monday-Friday

9:30 am - 5:00 pm Saturday

Noon-5:00 pm Sundays from September 18 to mid-June

Closed Sundays from mid-June to September 18

New York State Department of Environmental Conservation
Hazardous Waste Remediation Unit
Building 40
State University of New York
Stony Brook, NY 11794-2536
Hours: 8:30 am - 4:45 pm Monday-Friday
(516) 444-0249
Contact: Joshua Epstein (see below)

If you have further questions, please contact:

Joshua Epstein
Citizen Participation Specialist
New York State Department of Environmental Conservation
State University of New York
Building 40
Stony Brook, NY 11794-2536
(516) 444-0249

Steven M. Scharf, P.E.
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NYSDEC
50 Wolf Road
Albany, NY 12233-7010
(518) 457-3395
(800) 342-9296

For health-related concerns:

New York State Department of Health
2 University Place
Albany, NY 12203

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Health Liaison Program
(518) 458-6402
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John Olm
Project Manager
(518) 458-6305
(800) 458-1158, ext. 305

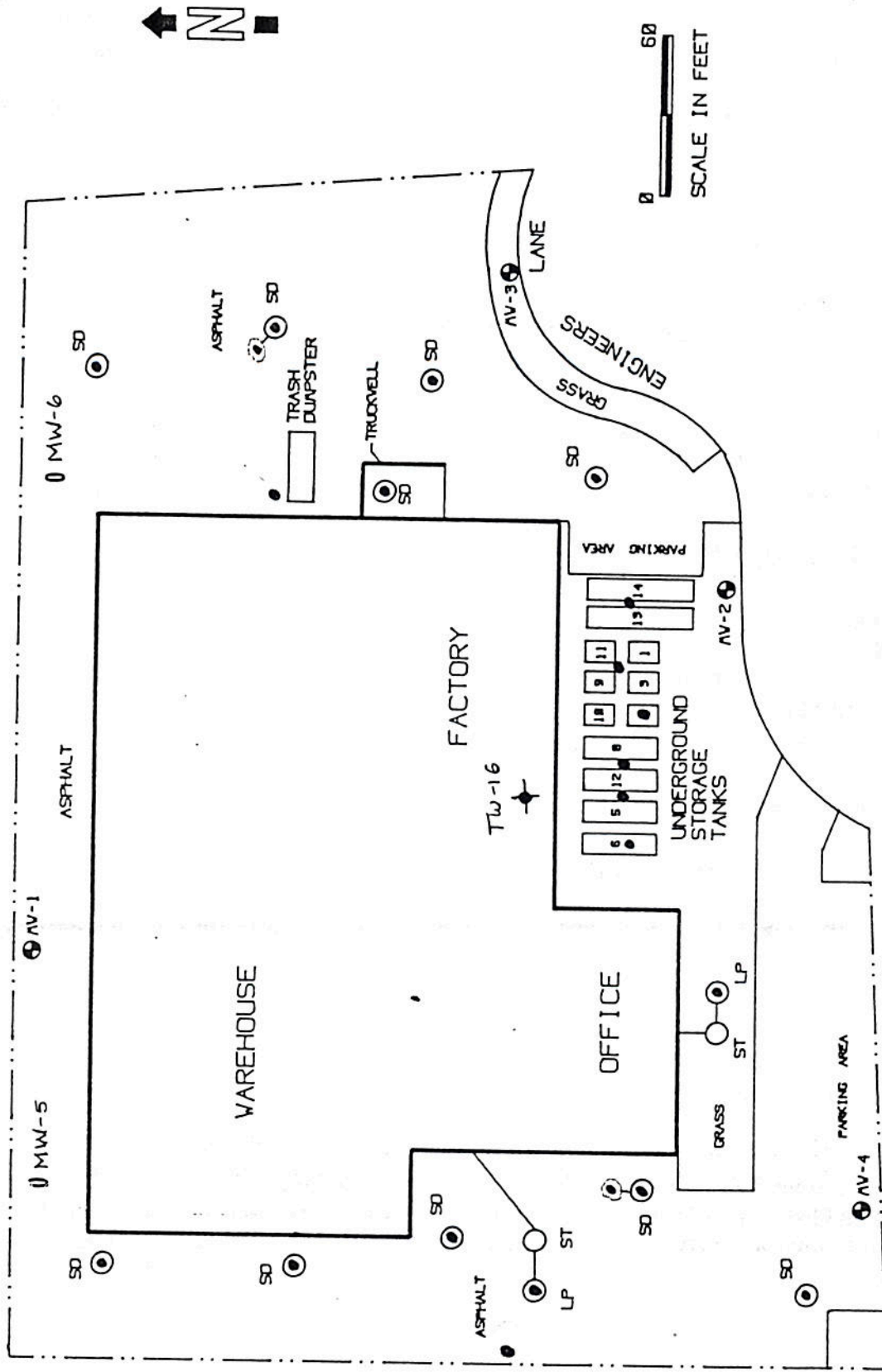


FIGURE 1
GENERAL SITE MAP

CANTOR BROTHERS
ENGINEERS LANE
FARMINGDALE, NEW YORK

- Monitoring Well Location (Existing)
- NOTE: MONITORING WELL LOCATIONS ARE APPROXIMATE
- Soil boring
- ✦ Soil boring/gw sample location
- Proposed Monitoring Well Locations

SD - STORAGE DRAIN
ST - SETTLING TANK
LP - LEACHING POOL

DTW-1



FACT SHEET #2
July 1996

Minmilt Realty (Hygrade Metal Molding Corp.), Site #152147
540 Smith Street
East Farmingdale, New York

The purpose of this Fact Sheet is to inform the public regarding the Interim Remedial Measure (IRM) that will be performed at the above site to remediate soil and groundwater. An IRM directly addresses relatively obvious and discrete sources of contamination associated with the site, while the more comprehensive and long-term Remedial Investigation/Feasibility Study (RI/FS) continues.

Site Description

The Minmilt Site in East Farmingdale, New York (see Figure 1 for location) is currently listed in the New York State Department of Environmental Conservation (NYSDEC) Registry of Inactive Hazardous Waste Disposal Sites (Site No. 1-52-147) as a Class 2 site. Class 2 is assigned to sites where hazardous waste poses a significant threat to the public health or the environment. A RI/FS was initiated in response to an Order on Consent entered into by the NYSDEC and Minmilt Realty Corp. on November 7, 1994. The objective of the RI/FS is to determine the nature and extent of contamination at the site; evaluate potential threats to human health and the environment; and then, if necessary, develop methods to remediate the contamination. To date, the on-site Remedial Investigation (RI), Risk Assessment and the design of the IRM have been completed.

Results of the Remedial Investigation

The primary contaminant at the site is tetrachloroethene (PCE), which was detected at levels exceeding allowable NYSDEC soil clean-up objectives and groundwater standards. The RI conducted at the site has determined that the source area for the contamination is limited to the east side of the building in the vicinity of the leaching pool that had formerly received discharges from a vapor degreasing operation in the building (see Figure 2). The unsaturated soils, i.e. soils above the water table, in the source area have been contaminated and continue to serve as a source of groundwater contamination. The vertical extent of the groundwater contaminate plume has been determined to extend to a depth of approximately 180 feet below land surface where it is contained by a clay layer. The depth to the water table is approximately 40 feet below land surface.

To initiate a timely and effective clean up of the on-site source of contamination, an IRM will be implemented. In fact, an evaluation of the different treatment options to clean the impacted soil and groundwater has already been performed as part of designing this IRM. The following is a description of the IRM technologies chosen for both soil and groundwater.

Interim Remedial Measure for Soil

The technology selected for the treatment of the unsaturated soils beneath the Minmilt Site is Soil Vapor Extraction (SVE). SVE is the process of creating a vacuum in the unsaturated soils and extracting and treating the air (soil vapor) which will contain the contaminants. The benefits of SVE include relatively low costs, excellent contaminant removal efficiencies, minimal site disruptions, in place (no excavation) treatment capabilities and flexibility in design and operation of the system.

Soil vapor will be drawn from the SVE wells and piped to a treatment system, which will be located at the southern border of the Minmilt property (see Figure 2). Soil vapor will go through an air/water separator to remove excess moisture, through an air filter to remove dust or particulates, and finally through a Granular Activated Carbon (GAC) filter for the removal of the contaminants, specifically PCE, from the air. The treatment system will meet all NYSDEC requirements and its' efficiency will be routinely monitored.

Interim Remedial Measure for Groundwater

The groundwater remediation system will consist of groundwater extraction pumps and an air stripper treatment system. The system is designed to collect contaminated groundwater and minimize further contaminant migration. In order to capture the majority of the contaminant plume, a two well system (one shallow and one deep) will be constructed. These locations have been chosen to yield the most efficient plume containment, intercepting contaminated groundwater from on site and drawing a portion of the off site plume back to the wells.

The groundwater treatment system will be a packed column air stripping tower. This method of treatment is very effective in the removal of volatile organic compounds, such as PCE, from groundwater and is in common use on Long Island for both drinking water treatment and groundwater remediation. Groundwater from the recovery wells enters the tower at the top and flows downward through a porous packing media while air is forced upward through the column. As the air flows through the water, the contaminants volatilize. The contaminants are transferred from a liquid (dissolved) phase to gaseous (vapor) phase and are forced out of the air stripper in the exhaust air flow.

The air stripper unit will be located near the southern property boundary of the Minmilt property adjacent to the SVE equipment shed. Treated groundwater from the air stripper will be pumped to a liquid phase GAC filter for a final "polish" and then flow by gravity to the Town of Babylon recharge basin located adjacent to the west side of the Minmilt property. Exhaust gases produced from the air stripping process will be routed to the GAC filter unit treating the soil vapor extraction off-gases.

System Monitoring

The entire IRM system will undergo periodic monitoring to ensure effective operation. After system start up, weekly maintenance checks will be made to insure the system is operating properly. Samples from the air stripping tower and from the GAC filters will be collected on a monthly basis to monitor discharge compliance as well as clean up progression. Additionally, groundwater samples will be collected from the on-site groundwater monitoring wells on a quarterly basis to determine the effectiveness of the site clean up. At the end of each quarter, a report will be prepared and submitted to the NYSDEC to document the system's performance and the IRM's progress.

Quarterly groundwater quality data will be compared to upgradient groundwater quality and current NYSDEC groundwater standards. Once the groundwater quality data becomes consistent with background concentrations, a decision will be made by the NYSDEC to shut down the pump and treat system.

Cleanup progression for soil will be documented in the quarterly reports based upon recorded soil vapor quality data. Additionally, a final confirmatory round of soil samples will be collected to ensure the IRM was effective.

Citizen Participation

This Fact Sheet is part of our Citizen Participation Program, through which we exchange information with the interested and affected public regarding the investigation and remediation of this and other inactive hazardous waste sites. A Citizen Participation Plan (CPP) has been prepared for the site and is available for the public to read at the document repositories listed below. The CPP provides the procedure for full two way communication with the public as the RI/FS proceeds. Stemming from this Plan, a public contact list and document repositories have been developed. A public meeting, to discuss the RI/FS Work Plan, was conducted in December, 1995. The next major outreach to the public will discuss the progress of the IRM. Additional opportunities for public involvement, including those associated with the broader RI/FS, will also continue to be implemented.

Documents associated with the site are available for the public to read in the document repositories listed below. The Citizen Participation Plan, the Remedial Investigation Work Plan, the Quality Assurance Project Plan, the Health and Safety Plan, the Remedial Investigation Report, the Risk Assessment, and the IRM Design Documents and Report have been placed in the repositories. The repositories are at the following locations:

Half Hollow Hills Community Library
55 Vanderbilt Parkway
Dix Hills, NY 11746
(516) 421-4530

Hours: 9:30 a.m. - 9:00 p.m. Monday - Friday

9:30 a.m. - 5:00 p.m. Saturday

Noon - 5:00 p.m. Sundays from September 18 to mid-June

Closed Sundays from mid-June to September 18

New York State Department of Environmental Conservation
Hazardous Waste Remediation Unit
Building 40
State University of New York
Stony Brook, NY 11794-2536
(516) 444-0249
Hours: 8:30 a.m. - 4:45 p.m., Monday - Friday
Contact: Joshua Epstein (see below)

If you have further questions, please contact:

Joshua Epstein
Citizen Participation Specialist
New York State Department of Environmental Conservation
State University of New York
Building 40
Stony Brook, NY 11790-2356
(516) 444-0249

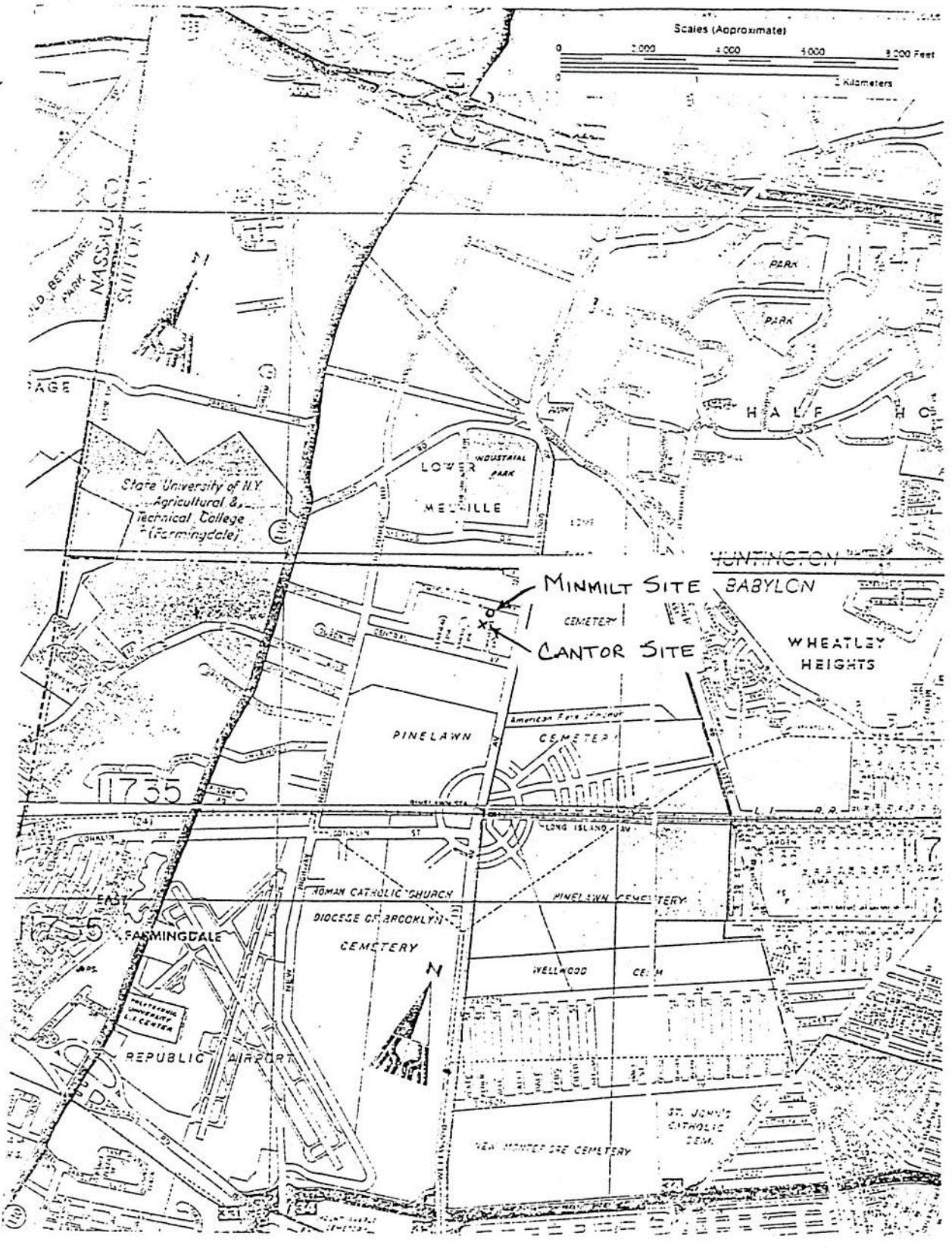
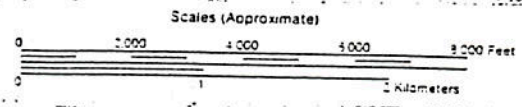
Steven M. Scharf, P.E.
Project Manager
NYSDEC
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Albany, NY 12233-7010
(518)457-3395
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For health-related concerns, please contact:

New York State Department of Health
2 University Place
Albany, NY 12203-3399

Nina Knapp
Health Liaison Program
(516) 458-6402
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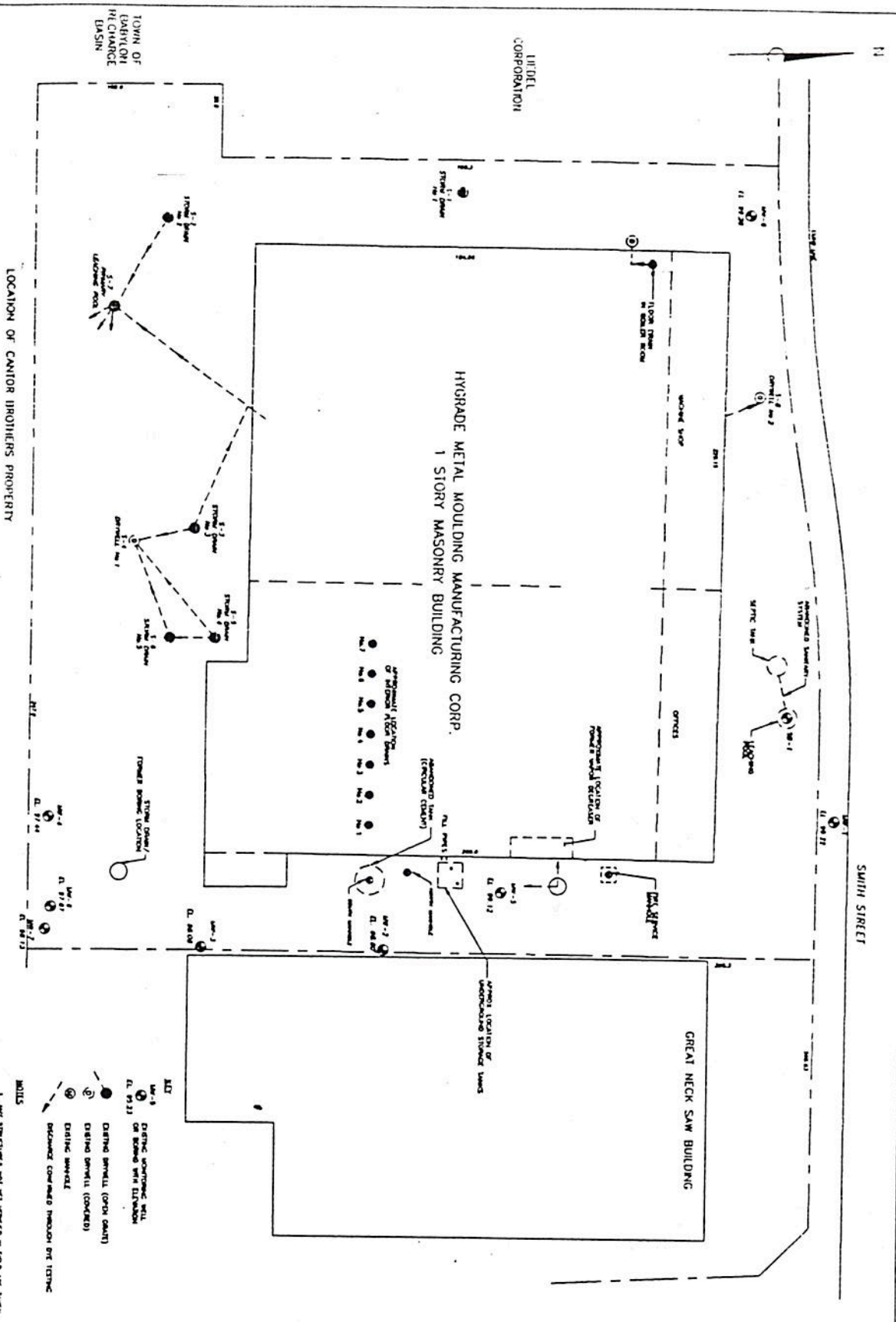
John Olm
Project Manager
(518) 458-6305
1-800-458-1158, ext. 305



SITE LOCATION MAP

EAST FARMINGDALE N.Y.

FILE: MKA9201
DATE: 11/22/95
DWC:



- KEY**
- 1. ELECTRICAL CONTROL PANEL
 - 2. WATER SUPPLY
 - 3. SEWER
 - 4. GAS
 - 5. TELEPHONE
- MILLS**
1. MILL (INDICATED BY "M" IN FIELD AND NAME FROM PROPERTY RECORDS)
 2. LOCATION OF MILL (INDICATED BY "M" IN FIELD AND NAME FROM PROPERTY RECORDS)
 3. LOCATION OF MILL (INDICATED BY "M" IN FIELD AND NAME FROM PROPERTY RECORDS)
 4. LOCATION OF MILL (INDICATED BY "M" IN FIELD AND NAME FROM PROPERTY RECORDS)
 5. LOCATION OF MILL (INDICATED BY "M" IN FIELD AND NAME FROM PROPERTY RECORDS)
- LEGEND**
- ⊙ ELECTRICAL CONTROL PANEL
 - ⊙ WATER SUPPLY
 - ⊙ SEWER
 - ⊙ GAS
 - ⊙ TELEPHONE
 - ⊙ MILL
- INDICATED BY "M" IN FIELD AND NAME FROM PROPERTY RECORDS

SITE PLAN

HYGRADE METAL MOULDING MFG. CORP.
 540 SMITH STREET
 EAST FARMINGDALE, N.Y.

FILE: MIN9501
 DATE: 11/22/95
 DWG.