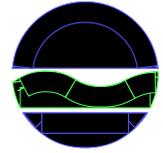


# FACT SHEET

## CLEANUP BEGINS AT THE SPECTRUM FINISHING CORPORATION SITE



Town of Babylon / Suffolk County / Registry No. 1-52-029 / September 2008

Prepared by the New York State Department of Environmental Conservation  
Division of Environmental Remediation

### INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC), working with the New York State Department of Health (NYSDOH), is announcing that cleanup construction activities have begun at the Spectrum Finishing inactive hazardous waste disposal site. The Spectrum Finishing Corporation site (Spectrum) is located at 50 Dale Street in the Pinelawn Industrial Area in the Town of Babylon, Suffolk County, New York (refer to **Figure 1**). Spectrum is approximately 0.67 acre in size and consists of one concrete block building and the parking lot north of the Spectrum building. Utilizing State Superfund monies, the NYSDEC is conducting these activities as part of its ongoing program to investigate and remediate inactive hazardous waste disposal sites throughout New York State. The remedial action addresses the contaminated soil identified on-site in an effort to prevent further groundwater contamination.

### BACKGROUND SITE INFORMATION

Spectrum operated at this site from 1968 to 1994. The company specialized in electroplating high strength alloys and descaling titanium alloys for the aerospace industry. The site and surrounding area are provided with public water. However, storm and sanitary sewage are discharged into stormwater dry wells and sanitary septic systems, respectively. Site inspections and sampling from 1970 to 1975, by the Suffolk County Department of Health Services revealed discharges of hazardous wastes into storm drains and leaks from holding tanks. High levels of heavy metals were noted from sediment samples taken from a leaching tank, the storm drains and site runoff.

Since potentially responsible parties were unable/unwilling to perform investigation work, the NYSDEC began a state-funded Remedial Investigation/Feasibility Study (RI/FS) to determine the extent of soil and groundwater contamination. Sampling activities were completed between June 1999 - May 2001. The RI revealed that the primary contaminant type in the subsurface soils are inorganics (metals). The metals contaminated areas are the cesspools and the drainage structures, the alleyway and the area within and surrounding the sump inside the building. The shallow groundwater underlying the site is contaminated by volatile organic compounds and metals.

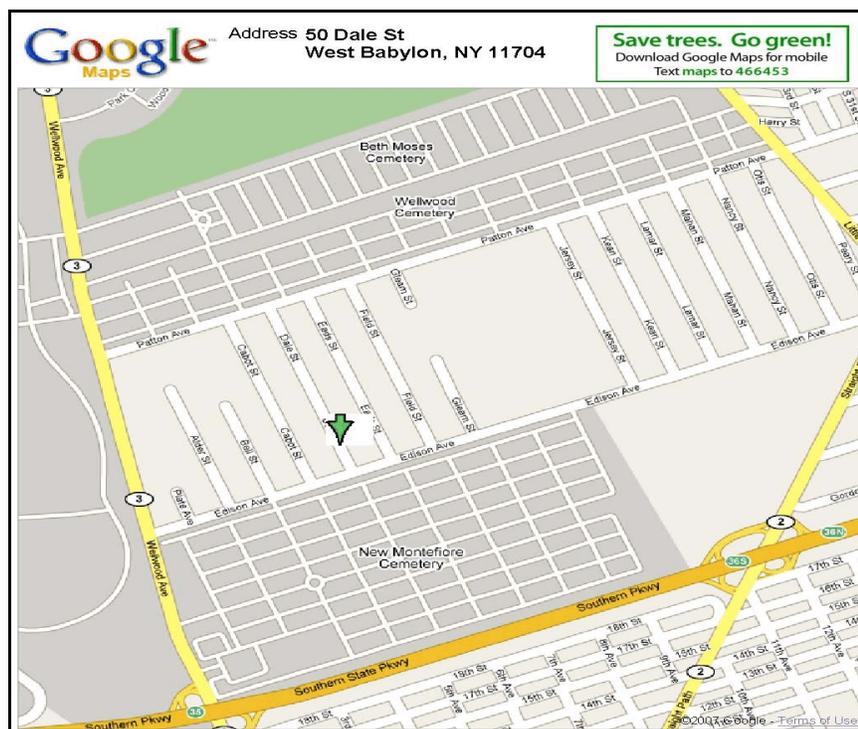


Figure 1- Site Location Map

## BACKGROUND SITE INFORMATION (CONT.)

Potential remedial alternatives for the Spectrum site were identified, screened and evaluated during the FS. Based on the RI and FS, the NYSDEC issued a Record of Decision (ROD) document dated March 2003 which selected a remedy generally consisting of soil excavation and off-site disposal of contaminated soils within identified source areas, one of which is in an area situated beneath and adjacent to a sump pit within the interior of the former Spectrum building

## CLEANUP PLANS

The NYSDEC funded remedial design investigations of the soil, groundwater, and soil gas at the site were completed in 2007. In March 2008 the ROD remedy was changed by way of an Explanation of Significant Differences (ESD) issued by the NYSDEC. The purpose of the ESD was to describe how the contaminated soils situated beneath and adjacent to the sump within the former Spectrum building located at 50 Dale Street will be addressed during remediation. Because of structural problems and related safety concerns, the NYSDEC has determined that the building must first be demolished before the contaminated soils below and adjacent to the sump can be excavated.

Major components of the remedy selected to eliminate or mitigate environmental and public health threats include the following (see **Figure 2**) :

- Soil in the alleyways between 51 Cabot Street and 45 Cabot Street, 50 Dale Street and 40 Dale Street, and 40 Dale Street and 45 Cabot Street will be excavated and disposed of offsite.
- Asbestos abatement followed by demolition of the building at 50 Dale Street. Soil within the building beneath the former sump will be excavated and disposed offsite.
- Soil from the bottom of on-site sanitary cesspools (CP) and drainage structures (DS) will be removed to the extent practicable to a depth of approximately 18 feet below grade surface (bgs).
- Once the soil from the bottom of the CP and DS structures has been removed, the structures and all connected piping will be abandoned in place by filling with flowable fill.
- Abandoned CP and DS will be replaced with new CP and DS.
- On-site Underground Storage Tanks (USTs) will be decommissioned or removed along with surrounding soil.
- One new septic system will be installed for each of the buildings at 50 Dale Street, 60 Dale Street, 51 Cabot Street, and 61 Cabot Street. Sanitary drainage from toilets and sinks will be redirected to the replacement septic systems. Floor drains, if discovered during construction to be present, will be abandoned.
- Three sentinel ground water monitoring wells will be installed as a well nest downgradient of the Site and upgradient of the Suffolk County Water Supply Wells.
- The remedial contractor will complete one round of ground water sampling following installation and development of the outpost ground water monitoring wells.
- Surface restoration of the grass, trees/shrubs, concrete and asphalt impacted by remedial activities will be conducted.

Engineering design of the cleanup remedy was completed by the NYSDEC in April 2008. Bids for the cleanup contract were opened in May 2008. EnviroTrac Environmental Services (EnviroTrac) of Ronkonkoma, New York was awarded the contract and given formal notice to proceed with the project on September 22, 2008. It is anticipated that construction of the remedy will be completed during the Spring 2009. Initiation of groundwater monitoring is currently scheduled for fall 2008. Long term site management of the site by the NYSDEC will follow. All construction work will be performed under full-time oversight by Camp Dresser and McKee (CDM), the engineering consultant hired by the NYSDEC. In addition, the contractor's Health and Safety plan for the work was reviewed to ensure that onsite workers and the nearby community is protected during these activities. A copy of that plan has been placed into the document repositories identified below.

## MORE INFORMATION

The information here is a summary of what can be found in greater detail in documents that have been placed in the following repositories:

<b>West Babylon Public Library</b> 211 Route 109 West Babylon, NY 11704 (631) 669-5445 Hours: Mon. - Thurs. 10 a.m. - 9 p.m. Hours: Fri. - Sat. 10 a.m. - 5 p.m. Hours: Sun. 1 p.m. - 5 p.m.	<b>NYSDEC Central Office - Albany</b> Div. of Environmental Remediation 625 Broadway, 12 <sup>th</sup> Floor Albany, NY 12233-7017 David Chiusano, Project Manager (518) 402-9814 Mon. - Fri. 7:30 a.m. - 3:30 p.m.	<b>NYSDEC Region 1 Office</b> 50 Circle Road Stony Brook, NY 11790 (631) 444-0240 Attn: Walter Parish By Appointment Only
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Interested persons are invited to contact the NYSDEC's Project Manager for this site to obtain more information or have technical questions answered. Site related health questions should be directed to the NYSDOH's Project Manager identified below.

➤ **For Technical Questions About the Cleanup, Contact:**

David Chiusano, Project Manager  
NYSDEC Central Office  
625 Broadway, 12<sup>th</sup> Floor  
Albany, NY 12233 -7017  
(518) 402-9814

NYSDEC Region 1 Office  
50 Circle Road  
Stony Brook, NY 11790  
(613) 444-0350  
(Contact Bill Fonda for an appointment)

➤ **For Site-Related Health Questions About the Cleanup, Contact:**

Mrs. Jacquelyn Nealon, Bureau of Environmental Exposure Investigation  
New York State Department of Health  
Flanigan Square  
547 River Street, Room 300  
Troy, NY 12180-2216  
(800) 458-1158, ext. 27880

➤ **Additional Information:** For additional information on the remedial design and construction phases of the NYS Inactive Hazardous Waste Disposal Site Remedial Program, please visit the NYSDEC's website at:  
<http://www.dec.ny.gov/chemical/8656.html>

For additional information on human health and exposure issues, please visit the NYSDOH's website at:  
<http://www.health.state.ny.us/environmental/about/exposure.htm>

For additional information on the cleanup technology that will be used at this site, please visit the EPA's website at:  
A Citizen's Guide to Soil Excavation: <http://www.clu-in.org/download/citizens/excavation.pdf>

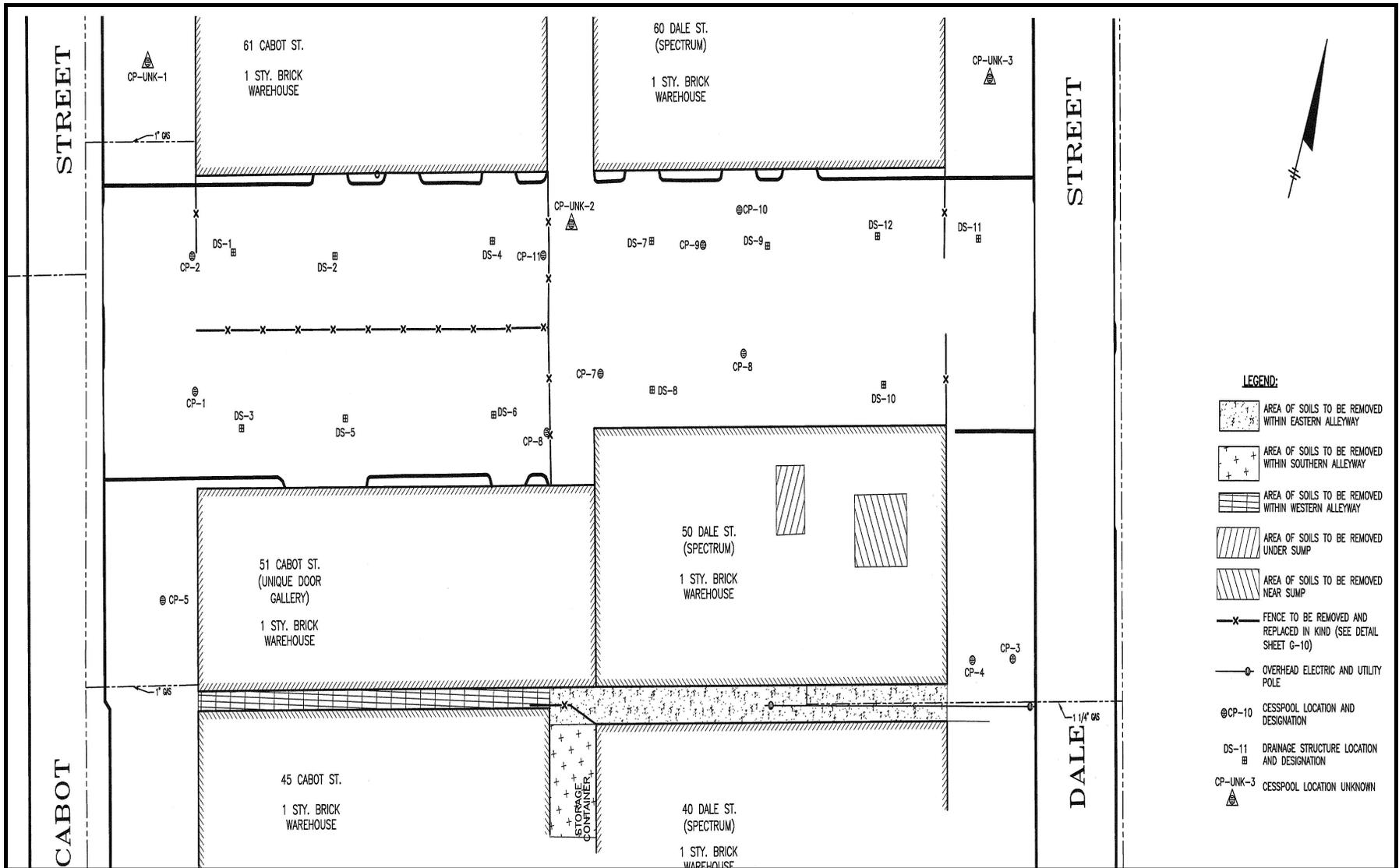


Figure 2 - Site Excavation Plan