

---

# FACT SHEET

## EXPLANATION OF SIGNIFICANT DIFFERENCES SPECTRUM FINISHING CORPORATION SITE



---

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

---

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

### INTRODUCTION

The purpose of this notice is to describe the progress of the cleanup at the Spectrum Finishing Corporation and to inform you about a change in the site remedy which has been outlined within an Explanation of Significant Differences (ESD) dated March 2008. The New York State Department of Environmental Conservation (NYSDEC) is cleaning up this site as part of its Superfund program to investigate and remediate inactive hazardous waste disposal sites throughout New York State.

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. Spectrum is approximately 0.67 acre in size and consists of one concrete block building and the parking lot north of the Spectrum building (**see attached Drawing G-4**). 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. In March 2003, the NYSDEC issued a Record of Decision (ROD) which selected a remedy generally consisting of soil excavation and off-site disposal of contaminated soils within identified source areas, one of which is located beneath and adjacent to a sump pit within the interior of the former Spectrum building.

The purpose of the Explanation of Significant Difference is 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. The NYSDEC recently obtained the legal authority to demolish the building in March 2008.

### DESCRIPTION OF SIGNIFICANT DIFFERENCES

March 2003 ROD Remedy - Approximately 70 cubic yards of contaminated subsurface soils below a sump within the former Spectrum building were determined to require excavation and offsite disposal. The ROD indicates that the existing building would not be demolished or altered during the remediation. However, the ROD also indicates that prior to the start of the remedial activities a preconstruction building survey would be completed.

March 2008 ESD Remedy - In July 2007 a building structural survey was completed by the NYSDEC as part of remedial design investigations. The engineering structural analysis concluded that excavating contaminated soils beneath the 50 Dale Street building, in its current condition per the ROD, could result in collapse of the structure potentially injuring on-site workers, injuring adjacent building occupants, and damaging adjacent structures. As a result, the NYSDEC determined that it is necessary to first demolish the building to the concrete slab in order to safely excavate the contaminated soils below a portion of the

slab. Following demolition the contaminated soils beneath the building will be excavated and disposed off-site in accordance with the ROD. The current estimate to demolish the building is \$219,000.

The remedy, as modified by this ESD, is protective of human health and the environment and meets the goals originally included in the March 2003 ROD. The New York State Department of Health (NYSDOH) concurs with the modified remedy.

## **SCHEDULE AND MORE INFORMATION**

Remedial design investigations of the soil, groundwater, and soil gas at the site were completed by the NYSDEC in 2007. Design of the cleanup remedy is expected to be completed in April 2008. Bid advertisement of the construction contract for cleanup is tentatively scheduled to begin in the spring of 2008. Construction activities are anticipated to be initiated during the summer of 2008. It is the intention of the NYSDEC to complete remedial construction activities in 2008. Initiation of groundwater monitoring is currently scheduled for fall or winter 2008.

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
--	---	--

Although this is not a request for comments, interested persons are invited to contact the NYSDEC's Project Manager for this site to obtain more information or have questions answered.

### **➤ For Technical Questions About the ESD, 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 ESD, Contact:**

Ms. Jackie 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



