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NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
INACTIVE HAZARDOUS WASTE SITE OPERATION & MAINTENANCE
REVIEW REPORT

Site Name: Primoshield Plating Class: 4 Number: 633035 ~~27~~

Contact: None-This is a State Superfund Site.

O & M: Started in December, 1998

Historical Highlights:

- Site abandoned; City of Utica forecloses for failure to pay taxes
- EPA Removal Action
- Demolition of Structures
- Construction of Groundwater Collection System with Treatment Building

Interim Remedial Measures:

- Security Fence
- Soil Removal
- Hazardous Material Removal

Handwritten notes:
Sample 19
7/13/99
10/28
4/13

Handwritten notes:
Semiannual Report 11/30/99
GW Permit

Handwritten notes:
Quarterly Report 7/13/99
12/30/98
4/30/99

Operable Units in the Operation/Maintenance Phase:

- Groundwater Collection System
- Groundwater Treatment System

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12/13/98

Site History:

The primary site is an abandoned plating facility which was foreclosed upon by the City of Utica for failure to pay taxes. A secondary part of the site is at the rear of the DePaul building on a different piece of property where solutions were purportedly dumped.

An EPA removal action was performed in 1986 and 1987.

The Record of Decision was signed in 1995, and remediation was completed at the end of 1998. The site went into Operation and Maintenance in December, 1998.

During the past year there have been three quarterly groundwater samplings and three treatment system samplings. The groundwater is discharged to the Oneida County Sewer Authority under a Clean Water Act permit issued by the Oneida County Sewer Authority.

Institutional Controls: None save continued Registry status. The site is fenced and locked while the treatment building is similarly locked. Nonetheless, there is access from an adjacent house through their gate. Region 6 Operations maintains the primary site and performs inspections on the fence. No exposed waste is on-site.

Current Status:

The results of the sampling events for both the groundwater monitoring wells and the treatment system indicate the groundwater collection system is capturing contaminants. Vertically there is the groundwater collection system, the shallow monitoring wells, and the deep wells. For all three sampling events the contaminant levels are much higher in the treatment system influent than in the shallow wells, and the contamination in the shallow wells is much higher than in the deep wells, where except for a toluene anomaly no chlorinated organic contamination has been found. Similarly, nickel in the treatment system influent is higher than the New York Class GA standard, but nickel values in the shallow and deep wells are within the above standard by a wide margin. No cyanide contamination has been found in any medium.

In short, it appears the groundwater collection system is capturing the contaminants, and removing them, since most are "sinkers", before they have the opportunity to contaminate the shallow and deep aquifers.

The deep well behind the DePaul property consistently shows chromium contamination above the 50 microgram/liter Class GA groundwater standard. No organic contaminant has been detected for this well.

Recommendations:

The NYSDEC has petitioned the Oneida County Sewer Authority to remove the activated carbon treatment for the site. The total volatile organics influent by EPA Method 624 is 1/10 the permit limit for Total Toxic Organics.

The Remedy is effective.
There is ROD Compliance.
There is no Consent Order.

Project Manager: Terry Hughes
Signature: _____
Date: December 21, 1999
Phone: 518-457-7308

Reviewer: Gerald Rider, Jr.
Signature: _____
Date:
Phone: 518-457-0927