United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Thursday, June 3, 2010
From: Terry Tanner

Subject: Final Polrep
Former Industrial Chemical Co.
Highway 21, Rock Hill, SC
Latitude: 35.8140000
Longitude: -80.9280000

POLREP No.:	2	**Site #:**	A4ZJ
Reporting Period:	03/10/2010 thru 06/03/2010	**D.O. #:**	
Start Date:	3/16/2010	**Response Authority:**	CERCLA
Mob Date:	3/16/2010	**Response Type:**	Time-Critical
Demob Date:	5/18/2010	**NPL Status:**	Non NPL
Completion Date:	6/3/2010	**Incident Category:**	Removal Action
CERCLIS ID #:	SCD980500292	**Contract #**	
RCRIS ID #:			

Site Description

The Former Industrial Chemical Company Landfill site, also known as Landfill Inc., is located in a rural area of Rock Hill, Chester County, South Carolina. The site is located on 63.4 acres of land and is surrounded by hardwood forest. The landfill consist of two cells which comprise about 10 acres of land at the southern portion of the property. The landfill which was owned and operated by Industrial Chemical Company (ICC) of Rock Hill, began operations in 1973. The landfill received still bottoms and sludge from the ICC solvent recovery operation. Approximately 30,000 cubic yards of waste were disposed of at the site.

Current Activities

On March 16, 2010, OSC Tanner traveled to the site to mark GPS positions of monitoring wells and probe the side slopes to assess their structural integrity. The exposed drums appear to be limited to the western cell.

On March 30, 2010, an on site scoping meeting was held between EPA and the ERRS contractor WRS. The purpose of the scoping meeting was to identify improvements needed to access road to support heavy equipment and materials hauling, lay out the location of the office trailer and storage trailer, and discuss equipment needs. OSC Tanner also met with the adjacent property owner to obtain access to common driveway shared by the adjacent property owner and the PRP.

On April 6, 2010, the work crew begin clearing vegetation from the site. A chipper was used to convert the felled trees into mulch to stabilize the access roads atop the western waste cell. Gravel was utilized to improve the access road to the waste cells.

Following the completion of the access road and the removal of vegetation along the top and side slope of the western waste cell, the crew located the exposed drums and consolidated them at a single location at a point on the eastern slope. The drums appeared to be empty or contained soil only.

On April 22, 2010, the crew began reconstruction of the soil cap at the western waste cell. Stevenson-Weir was contracted for hauling the clay to the site. The clay was transported to the site and dumped atop the western waste cell. The WRS crew spread the clay along the side slope and compacted the clay with a vibratory roller. Trenches were cut along the side slope to channel surface water runoff off of the side slope. These trenches were in turn connected to a main trench located at the toe or bottom of the slope. All of the trenches were lined with geotextile fabric and covered with rip rap.

Evidence suggested that trespassers were entering the site during the weekend. Therefore a gate and lock was installed at the access road to restrict vehicle traffic from entering the property.

The eastern waste cell did not have the same erosion problems as that of the western waste cell. However, the eastern cell did contain a depression or low spot near the center of the cell which was collecting

surface water. The WRS crew added additional clay to this area to mitigate this low spot. Filling in this low spot will in turn prevent water from pooling atop this waste cell and reduce the possibility of water infiltrating the waste.

Following completion of the repair to the soil cap, the exposed soil along the side slopes was hydro-seeded. The top of the waste cell was seeded manually and covered with a layer of straw. The barbed-wire fence was replaced to restrict access to the waste cell. All personnel were demobed from the site on May 18, 2010.

Planned Removal Actions

No additional removal actions are anticipated at this time.

Next Steps

No additional steps are anticipated at this time.

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