

United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Wednesday, April 30, 2008

From: Dennis Matlock

Subject: Browns Island ER final POLREP
Browns Island Chemical Spill
Browns Island, Weirton, WV
Latitude: 40.4258000
Longitude: -80.6097000

POLREP No.:	1	Site #:	03ZZ
Reporting Period:	3/20/08 to 4/30/08	D.O. #:	
Start Date:		Response Authority:	CERCLA
Mob Date:	3/20/2008	Response Type:	Emergency
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Assessment
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

The facility is a former Coke by-products Plant that closed in 1982. The facility is located on Browns Island, WV. The facility is currently owned by Areclor Mittal Tecumseh Redevelopment Corp., who is in the process of demolition of the facility which includes environmental cleanup activities. Asbestos abatement activities have been ongoing for several months. There are two areas, coal tar tanks and Prussian blue release, involved in corrective actions with the US EPA. The facility is listed in CERCLIS as the National Steel Corp., ID # WVD980538607. The facility can be accessed from a backwater bridge from the west side of the river, Costoni, OH.

Current Activities

Asbestos abatement is ongoing at the facility as part of preparations for demolition activities. On Thursday, March 20, 2008, James Kastner, on behalf of Areclor Mittal Tecumseh Redevelopment Corp., contacted the NRC (report # 865550) to report a spill of approximately 300 gallons of an unknown liquid at a closed facility on Browns Island near Weirton, WV. OSC Matlock was responding to a separate incident in Swiss, WV so he dispatched the START contractor to the scene to gather further information on the spill. START arrived on scene about 1345 hours, 3/20/08 and met with Jim Kastner. Temperature was in the mid 30s with light winds from the north. Weavertown was on scene and had already laid out absorbent pads around the pooled areas of liquid. The leaking tank was labeled #36. Mr Kastner believed the tank to be empty. START observed a painted line with arrows written on the tank. START used a Raytec non-contact thermometer to obtain temperature levels from the tank. A 10 degree difference was noted approx 1 foot from the top. WVDEP Gaston and Coffey arrived on site. Weavertown inspected the tank and determined there were approximately 2 feet of material left in the tank. A vac tanker was ordered to offload the remaining material from tank #36. Analytical from the tank's material indicated the largest constituents of the material were naphthalene at 20,600 ppm, 1,2,4-trimethylbenzene at 9,240 ppm, and total xylenes at 3,380 ppm.

On 3/21/08, START returned to the site to document the progress on spill containment and recovery. The spill area had been scraped, contaminated soil was placed into a covered rolloff which was present on site, and tank #36 had been moved from its original location. Approximately 1,100 gallons had been transferred from tank #36 to tank #143. An earthen berm had been placed around the low area of the original tank location where the saturated soils had begun to seep out liquid material. Tank #143 was secure and not leaking.

Planned Removal Actions

Areclor Mittal Tecumseh Redevelopment Corp. will dispose of material and continue with Site Security at their facility.

Next Steps

WVDEP to continue with investigations at the facility.
No further EPA action for this Site.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
RST/START	\$4,000.00	\$4,000.00	\$0.00	0.00%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$1,000.00	\$0.00	\$1,000.00	100.00%
Total Site Costs				
	\$5,000.00	\$4,000.00	\$1,000.00	20.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

response.epa.gov/brownsisland

POLREP #1 Last Updated 8/24/2010