United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Thursday, September 10, 2009
From: Deborah Lindsey

Subject: On-Going Removal Activities
WRG4 Vermiculite Site
1210 Factory Street, Ellwood City, PA
Latitude: 40.8595660
Longitude: -80.3000080

POLREP No.:	17	**Site #:**	E358
Reporting Period:	8/1/09 - 9/3/09	**D.O. #:**	0703-03-009
Start Date:	7/16/2008	**Response Authority:**	CERCLA
Mob Date:	4/17/2008	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	PAN000305592	**Contract #**	EP-S3-07-03
RCRIS ID #:			

Site Description
See previous POLREP for Site description information

Current Activities
The Site was shutdown from August 1, 2009 through August 9, 2009 for a scheduled work break. No problems reported at the Site during the break.

For the week of August 10 through August 14

ERRS returned to the Site and had to clean out the drainage swale by hand from wash outs that occurred during the demobe period. Crews completed filling the CCS in the Central Section with top soil. Concrete was poured into the first two feet of CCS as required by the manufacturer and in the drainage channel. Crews also removed all of the vegetation from the Western Section in preparation of laying down the TRM. Approximately 75% of the temporary soil erosion control matting has been removed and the TRM is being installed in sections. 15 panels of TRM have been installed in anchor trenches and laid onto the hillside. Fence posts were installed along the top of the Central Section.

The OSC finalized the Air Action Level as presented in the Air Sampling Plan with ATSDR. Agreed that the proposed level of 0.014 f/cc was a good screening number based on the methodology to calculate the number. ATSDR and OSC also discussed the need to analyze all air samples rather than frequency presented in the Air Sampling Plan. OSC agreed to analyze all samples.

START conducted air monitoring/air sampling at up to 7 onsite stations in the Central and Western Sections and the 1 offsite reference location. START shipped out 34 air samples collected during the period of August 10 – August 14, 2009. 6 samples were sent to the START laboratory and 28 samples to the DAS laboratory for analysis. START also working with the CST in Ft Meade to clarify the required sensitivity limit with the DAS laboratory. START also continued to troubleshoot equipment problems when they occurred.

For the week of August 17 through August 21

ERRS completed placing topsoil (hand shoveling) in all remaining areas of CCS in the Central Section. ERRS placed gravel and graded parking lot in Central Section to direct surface runoff to drainage channel. ERRS completed removing vegetation and soil erosion matting from the Western Section and continued to install TRM on hillside. The crew walked the entire hillside on the Western Section and placed over 500 additional staples to ensure TRM matting in contact with the soil. A total of 30 panels of TRM have been installed on the Western Section. ERRS assembled five CCS panels and now waiting for technical consultant to advice on anchor pipe requirements in order to install CCS on hillside near the access road. Fence posts installed along the access road and continuing on behind the

gabions baskets ERRS also began clearing & grubbing vegetation from the Eastern Section of the Site. A total of 105 feet have been cleared and prepped for the cover system. The eighth roll-off was picked up for T&D. Two additional roll-offs and liners were delivered for tree debris from the Eastern Section.

START conducted air monitoring/air sampling at up to 7 onsite stations in the Western and Eastern Sections and the 1 offsite reference location. START shipped out 34 air samples collected during the period of August 14 – August 20, 2009. 24 samples were sent to the START laboratory and 10 samples to the DAS laboratory for analysis. Shipment of samples to the DAS laboratory was on-hold pending resolution of sensitivity limits with the laboratory. START prepared a preliminary soil sampling results map from samples collected from behind the building and the ravine. START also consulted with the technical consultant on CCS installation details on the Western slope. ERRS requested clarification on if schedule 80 pipe was necessary as the anchor pipe.

For the week of August 24 through August 28

ERRS continued to clear and grub the Eastern Section. Completed an additional 120 feet of clearing and grubbing and working on on the last 50 feet of the Eastern hillside. This section was the steepest and taking a little bit more time. ERRS completed forms and had concrete poured for the curb at the top of the Central Section to help with the diversion of surface water drainage to the drainage channel. The concrete berm replaced the soil berm recommended in the Soil Cover and Stabilization Plan. The last roll of TRM was delivered and installed on the Western Section hillside. The Central and Western Sections were hydroseeded. Hydroseed was applied in several layers and application took approx. 2 days for both sections. ERRS started power washing concrete debris and large rocks removed from the hillsides and staged at the bottom of the Moose Lodge hillside near the ravine. The ERRS crew cut the asphalt in the Moose Lodge parking lot in order to excavate the trench for the CCS's anchor pipe. Heavy rains began at approx 10:45 on Friday, August 28th. ERRS observed that the parking lot grading and concrete curb worked very well in diverting surface water runoff into the drainage channel during heavy rains.

START conducted air monitoring/air sampling at up to 6 onsite stations and the 1 offsite reference location during the reporting week. START shipped out 34 air samples collected during the period of August 24 – August 28, 2009. All 34 samples were sent to the START laboratory since the DAS laboratory was still on-hold pending resolution of sensitivity limits with the laboratory. START coordinated with the technical assistance contractor on details for the anchor pipe for the Western Section. Details concluded that a 4-inch Schedule 80 pipe should be used as the anchor pipe at a depth of 4 feet. START also conducted ERRS oversight, worked on inputting air data into spreadsheets and Scribe and downloading Datarams and weather station data.

The OSC and START continued to engage the Client Services Team in Ft. Meade and the Contracting Officer on the need to resolve laboratory issues. A conference call was held on August 27th and followed with questions and modification to be sent to the laboratory.

For the week of August 30 through September 3

ERRS excavated the trench on the Western Section and installed the anchor pipe and 7.5 sections of CCS material. Tendons were tied off to the anchor pipe and the trench was filled back in. ERRS then filled the CCS with top soil. The CCS is now waiting for hydroseed to be applied. ERRS crew finished clearing, grubbing and removing large debris from the Eastern Section hillside and drainage swale. ERRS was also repairing the drainage channels behind the building by placing rip rap and concrete pieces into the channels. ERRS built concrete forms for a splash pad behind the entire length of the building. Poor gutters and drainage along the back of the building area will continue to erode the potentially contaminated soil from behind the building. The concrete pad will cover the contaminated soil and divert drainage to the drainage channels. ERRS installing chain link fencing at the top of the Central Section and the bottom of the Western Section. ERRS also prepared the Site for the upcoming shut down through September 8, 2009

START conducted air monitoring/air sampling at up to 7 onsite stations and the 1 offsite reference location during the reporting week. START shipped out 25 air samples collected during the period of August 31 – September 4, 2009. Samples continued to be shipped to the START laboratory.

On-Going Actions During the Reporting Period

ERRS continued to wet down work areas, access road and support zones for dust suppression

The START air sampling/monitoring program includes collecting high volume air sampling with an Aircon II

sampling pump and co-located low flow air sampling as a backup sample. Air monitoring is being conducted utilizing a Dataram 4000 particulate monitoring units. A meteorological weather station is used to monitor on-site conditions and data used to generate daily wind roses.

Planned Removal Actions

Complete clearing and grubbing on the Eastern Section of Site and repairs to drainage channels

Install silt soxs on the Eastern Section to provide 9 inches of soil cover and sediment and erosion control on the hillside.

Complete removal activities and demobe

Continue to conduct air monitoring and air sampling

Key Issues

Continue to work with the Buffalo & Pttsburgh Railroad and CSX Transportation on an executed access agreement.

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