United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Wednesday, January 14, 2004
From: Brook Bass

To: Fazi Sherkat, KYDEP

Subject: W.R. Grace - Wilder, KY
112 North St., Wilder, KY

POLREP No.:	7	**Site #:**	A47K
Reporting Period:	12/15/03-1/15/04	**D.O. #:**	0204-F4-0022
Start Date:		**Response Authority:**	CERCLA
Mob Date:	9/8/2003	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	KYN000407413	**Contract #**	68-S4-02-04
RCRIS ID #:			

Site Description

The W.R. Grace Site is located in Wilder, Campbell County, Kentucky. W.R. Grace ("Grace") owned and operated a vermiculite ore processing facility at 112 North St. from 1960 until the mid-1990's. Residues from the processing operation were disposed of on the Grace property and an adjoining tract as fill material. The vermiculite ore and the residues contain actinolite and tremolite asbestos fibers.

In April 2003, EPA initiated a time critical removal action at the site, at the request of the Kentucky Department for Environmental Protection (KYDEP). The scope of work involves removal and off-site disposal of up to 40,000 tons of asbestos-contaminated soil, and the decontamination of two buildings formerly used in the vermiculite manufacturing operations.

Current Activities

December 15 to December 20, 2003 ERRS continued excavation and stockpiling of ACM. Off-site disposal continued. Excavation of southern portion of contaminated area was completed. Excavation 95% complete, upper portion near stockpile all that remains. START (12/16/03) began collecting grid confirmation samples. A total of 25 grid samples were collected from Grids L1, K1-K4, J1-J6, I1-I7, and H1-H7. All samples were analyzed for PLM asbestos and 20% were analyzed for TEM asbestos in addition to PLM. Analytical results for PLM samples indicated no asbestos detected above 1%. All grids sampled were considered clean. Daily personnel and perimeter air sampling continued, fewer personnel samples collected this week. No truck driver or Moxy driver samples collected due to elimination of these tasks. All personnel were demobilized on 12/20/03 for holiday break.

December 21 to January 4, 2004 no site work due to holidays.

January 5 to January 10, 2004 All personnel mobilized to site in order to resume work on 1/5/04. ERRS continued excavation and stockpiling of ACM. Last portion of contaminated area inside the chain-link fence was excavated. Disposal continued on 1/5/04 and was then paused until final excavation was complete. ERRS began preparing site buildings for decontamination. START collected additional soil confirmation samples on 1/08/04. Ten samples were collected from G1-G7, and F3-F5. All grid samples were analyzed for PLM asbestos and 20% were analyzed for TEM and PLM asbestos. Daily personnel and perimeter air sampling continued.

During the week of January 12, 2004, ERRS continued with disposal of ACM stockpiled inside chainlink fence and prepared the buildings for decon. On January 14, 2004, excavation, transportation and disposal of contaminated soil was completed. Total soil excavated and disposed of was approximately 26,300 tons. Decontamination of the smaller building also began on 1/14/04. The smaller building and the majority of the larger building will be pressure washed, with the wastewater being collected and treated on-site, using 2 sand filters and one 3 micron bag filter. In the larger warehouse, the office space and area above the office space will be deconned using a HEPA vac system. HEPA vac of the office space began on 1/16/04.

Planned Removal Actions

Once enough water has been collected, it will be treated and sampled for suspended solids, iron, lead, volatile organics, semi-volatiles, oils/grease, pH, and conductivity to meet KYDEP criteria for discharge. Confirmation samples for asbestos will also be collected a minimum of every 10,000 gallons of treated water. After sampling, using the MCLG of 7 million fibers per liter of water, the water will be discharged onto a designated area of the site. Waste collected using the HEPA vac system will be bagged and disposed of as asbestos, along with other contaminated decon debris, at the end of the decontamination process. Confirmation samples will be collected from the interior of the buildings.

response.epa.gov/wrgracewilderky