

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Stark Ceramics - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #6
Stark Ceramics
C596
East Canton, OH
Latitude: 40.7799980 Longitude: -81.2960310

To:
From: Tricia Edwards, OSC
Date: 10/6/2014
Reporting Period: 9-22-2014 to 10-3-2014

1. Introduction

1.1 Background

Site Number:	C596	Contract Number:	
D.O. Number:	0148	Action Memo Date:	5/23/2014
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/14/2014	Start Date:	7/14/2014
Demob Date:		Completion Date:	
CERCLIS ID:	OHN000510945	RCRIS ID:	
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA Incident Category: Inactive Production Facility

1.1.2 Site Description

See POLREP #1

1.1.2.1 Location

See POLREP #1

1.1.2.2 Description of Threat

See POLREP #1

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP #1

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

For the period from September 5-19, 2014 EPA continued site set-up activities, continued mobilizing ERRS personnel and began shipping Asbestos contaminated debris.

2.1.2 Response Actions to Date

On Monday, September 22, 2014, 14 loads (~213 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Today was the last day friable ACWM transported off site for disposal. A total of 394 trucks transported 7,439 tons of friable ACWM to the landfill for disposal. ERRS began the staging non-friable ACWM from various areas within the asbestos exclusion zone to the load-out area. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling. On Tuesday, September 23, 2014, 18 loads (~397 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Today was the first day non-friable ACWM was transported off site for disposal. ERRS crew continued removing ACWM from

trenches and pits and cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling. On Wednesday, September 24, 2014, 21 loads (~464 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS crew continued removing ACWM from trenches and pits and cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling. On Thursday, September 25, 2014, 20 loads (~426 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS crew continued removing ACWM from trenches and pits and cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone. ERRS used a mini-excavator to create a work space within the Covered Shed containing hazardous lead and barium solids for subsequent removal equipment and access for haul trucks. The water truck was used to begin wetting the hazardous solids staged within the Covered Shed. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling. On Friday, September 26, 2014, no ACWM transported to the landfill for disposal today. ERRS crew continued the removal and relocation of non-friable ACWM from the east perimeter of the asbestos exclusion zone to the truck load-out area. ERRS began stabilization of wastes in the totes and containers. One of the front-end loaders was decontaminated in preparation of demobilizing it from Site. Suspect hazardous materials were discovered during the removal of the non-friable ACWM activities. The suspect hazardous materials were field tested and determined to be non-hazardous. One 30-yard dumpster containing crushed totes and containers transported off site for disposal. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling. This is the last day ERRS conducted personnel and work area air monitoring for the asbestos removal activities. **No work scheduled for Saturday or Sunday** On Monday, September 29, 2014, 17 loads (~321 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS crew continued the removal and relocation of non-friable ACWM from the southeast perimeter of the asbestos exclusion zone to the truck load-out area. ERRS continued the stabilization of wastes in the totes and containers. ERRS also removed fiber drums containing color dye powders from inside the building on the southwest perimeter of the Site to the blue building containerize waste staging area. START continued perimeter air monitoring and air sampling during the non-friable ACWM removal activity. On Tuesday, September 30, 2014, 20 loads (~367 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS crew continued the removal and relocation of non-friable ACWM from the southeast perimeter of the asbestos exclusion zone to the truck load-out area. ERRS crew continued the removal and relocation of non-friable ACWM from the southeast perimeter of the asbestos exclusion zone to the truck load-out area. ERRS began wetting the hazardous solids in the Covered Shed for subsequent loading operations. ERRS completed the stabilization of wastes in the totes and containers and began the consolidation, over-packing and lab-packing of containerized wastes in over-packing drums and Gaylord boxes. START continued perimeter air monitoring and air sampling. On Wednesday, October 1, 2014, 17 loads (~335 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS crew continued the removal and relocation of non-friable ACWM from the southeast perimeter of the asbestos exclusion zone to the truck load-out area. ERRS continued wetting the hazardous solids in the Covered Shed for subsequent loading operations. ERRS continued the consolidation, over-packing and lab-packing of containerized wastes in over-packing drums and Gaylord boxes. START continued perimeter air monitoring and air sampling. On Thursday, October 2, 2014, 12 loads (~281 tons) of non-friable ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS crew continued the removal and relocation of non-friable ACWM from the southeast perimeter of the asbestos exclusion zone to the truck load-out area. 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2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The PRP has been identified and appropriate enforcement activities have been initiated by the local and State authorities.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
ACWM	Solid	7,438.95 tons	2718108-2738037		Friable ACM
ACWM	Solid	2,591 tons	NA		Non-friable ACM
Hazardous Solids	Solid	97 tons		Stabilization	Hazardous Solid
Crushed Containers	Solid	60 yards / 7.2 tons	NA		Solid Waste
Empty Propane Cylinders	Solid	39 Cylinders	NA	Recycle	AmeriGas

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

Continue transportation and disposal of Non-friable ACWM
Continue clean-up phase within the asbestos exclusion zone
Properly dispose of hazardous materials contained in drums or other containers
Remove the remaining crushed totes and drums off site for disposal
Load, transport, and dispose of heavy metal contaminated material from Covered Shed

2.2.1.2 Next Steps

Final visual inspection of the ACWM area after removal activities completed
Heavy metal contaminated material is believed to be from old lagoons on site
Transportation and disposal of the lab-packed and over-packed containerized waste.
Remove and dispose of tires dumped on southeast portion of the Site

2.2.2 Issues

START and USCG continue having difficulty with the battery life of the air sampling and air monitoring equipment.

2.3 Logistics Section

The site is in a remote area and the nearest water source is over 1,200 feet away. Additional hose was procured in order for the site to have a constant supply of water.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

On Tuesday, July 26th, 2014, A site safety briefing was held with the entire work crew to go through site hazards and expectations.

Daily Safety meetings are being held before the start for all work shifts.

The US Coast Guard, Atlantic Strike Team, mobilized to the site to assist with Health and Safety Monitoring as well as a Health and Safety representative from ERRS.

The Health and Safety representative from ERRS collects personnel asbestos air samples daily (25% of the workers).

On Friday, August 1, 2014, personnel working on the "sealing" of the truck liners reported signs of heat stress. Immediate actions were taken to reduce the issue such as allowing those workers to remove their tyvek hood (Kleenguard ppe to arrive on Monday with hoods), and a contamination reduction zone was set up near their work area in order for the personnel to access water/breaks more easily. Other engineering controls that will be put in place prior to the next shift will be setting up a tent for shade when trucks are not being sealed, hanging big umbrellas on the platform they are working off of for shade, ice vests/cooling towels will also be brought on site. Heat stress will also be a H&S topic at the next safety meeting and the workers will be reminded about hydration practices.

Due to the remote location and size of the site, the property is an attractive area for the locals to ride ATVs. Attempts to barricade several access points failed so had to be removed for other considerations. The ERRS Response Manager checks the site every morning and rehanges signs/fencing/warning tape that was torn down the night before.

On Tuesday, August 19, 2014, START and USCG personnel conducted a site walk inside the asbestos exclusion zone. START experienced "break-through" with the APR/P100 cartridge respirator. USCG observed three 2-liter glass bottles of sulfuric acid within the debris piles. Some of the bottles were leaking into the puddles and the acid was reacting. START and USCG moved away from the immediate area and notified ERRS personnel in the vicinity. ERRS personnel radioed the RM. The RM and H&S officer entered the asbestos exclusion zone to neutralize the acid spill.

On Wednesday, August 20, 2014, representatives from the City of Canton closed the 600 West Church Street bridge/culvert on the northeast corner of the Site. This road provides access to the Site from the north. Heavy rains in the morning caused the soil to erode from the east side of the bridge soil embankment. The erosion is in close proximity to a natural gas line that runs under the bridge/culvert. Due to the severe erosion of soil, the bridge was closed.

2.5.2 Liaison Officer

NA

2.5.3 Information Officer

A Community Involvement Coordinator has been assigned to the site.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Ohio EPA
Canton Health Department
Canton Fire Department

4. Personnel On Site

1- EPA
12 - ERRS
1 - START
2 - USCG AST

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.