

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #5
Progress
Stark Ceramics
C596
East Canton, OH
Latitude: 40.7799980 Longitude: -81.2960310

To:
From: Tricia Edwards, OSC
Date: 9/22/2014
Reporting Period: 9/5/2014 to 9/19/2014

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

There are no site activities on the weekends.

On Monday, September 8, 2014, 16 loads (~312 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS continued the staging ACWM from various areas within the asbestos exclusion zone to the load-out area. ERRS transported the first roll-off box of scrap metal off site for recycling. An articulated dump truck was mobilized to the Site because ACWM needs to be moved greater distances to the load-out area. ERRS continued personnel air monitoring for worker exposure.

START continued perimeter air monitoring and air sampling.

On Tuesday, September 9, 2014, 14 loads (~271 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS continued the staging ACWM from various areas within the asbestos exclusion zone to the load-out area. ERRS removed non-ACM debris and palletized bricks outside of the asbestos exclusion area in order to access the isolated ACWM on the southwest corner of the Former Manufacturing Area. ERRS began the removal of ACWM at this southwest corner of the Former Manufacturing Area. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

The Canton City Health District (Jacklyn Hupp) on site today to follow-up with a compliant from the landfill regarding two loads of friable ACWM that were improperly sealed.

On Wednesday, September 10, 2014, 12 loads (~228 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS continued the staging ACWM from various areas within the asbestos exclusion zone to the load-out area. ERRS continued the removal of ACWM at this southwest corner of the Former Manufacturing Area. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Thursday, September 11, 2014, no ACWM transported to the landfill for disposal today. Reduction in labor force because no haul trucks were transporting ACWM to the landfill. ERRS crew inside the asbestos exclusion zone removing ACWM from trenches and pits and cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone. Severe weather from last night and severe weather projected for this afternoon limited the work activities for today. ERRS loaded 30-yard dumpster with crushed totes and drums. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Wednesday, September 12, 2014, 11 loads (~210 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS continued the staging ACWM from various areas within the asbestos exclusion zone to the load-out area. ERRS continued the removal of ACWM at this southwest corner of the Former Manufacturing Area. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Monday, September 15, 2014, no ACWM transported to the landfill for disposal today. ERRS crew inside the asbestos exclusion zone removing ACWM from trenches and pits, removing ACWM from the railroad spur trench, cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone, and "washing-down" paved surfaces. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Tuesday, September 16, 2014, no ACWM transported to the landfill for disposal today. ERRS crew inside the asbestos exclusion zone removing ACWM from trenches and pits, removing ACWM from the railroad spur trench, cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone, and "washing-down" paved surfaces. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Wednesday, September 17, 2014, no ACWM transported to the landfill for disposal today. ERRS crew inside the asbestos exclusion zone removing ACWM from trenches and pits, removing ACWM from the railroad spur trench, cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone, and "washing-down" paved surfaces. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Thursday, September 18, 2014, no ACWM transported to the landfill for disposal today. ERRS crew inside the asbestos exclusion zone removing ACWM from trenches and pits, removing ACWM from the railroad spur trench, cleaning-up miscellaneous piles of ACWM from around the asbestos exclusion zone, and "washing-down" paved surfaces. OSC and START assessed the powder material discovered in fiber drums on the southwest perimeter of the Site. START conducted XRF screening of representative samples of the fiber drum contents for characterization. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Friday, September 19, 2014, no ACWM transported to the landfill for disposal today. ERRS crew inside the asbestos exclusion zone removing ACWM from trenches and pits and "washing-down" paved surfaces. The removal of additional surface soil was conducted after fragments of transite were observed along the northeast perimeter of the asbestos exclusion zone. OSC and START assessed additional suspect ACM recently discovered in the demolition debris within the asbestos exclusion zone. ERRS began removing the designated non-friable ACM and staging it at the truck load-out area. ERRS conducted a test activity of the hazardous solids inside the covered shed. ERRS used water to test infiltration into the material, and also use excavator to determine the quantity of dust released as part of excavation activity. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

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
Crushed Containers	Solid	60 yards / 7.2 tons	NA		Solid Waste

Empty Propane Cylinders	Solid	39 Cylinders	NA	Recycle	AmeriGas
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2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

Continued transportation and disposal of Friable ACWM
 Begin transportation and disposal of Non-friable ACWM
 Remove ACWM from subsurface pits and trenches
 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

2.2.1.2 Next Steps

Load, transport, and dispose of heavy metal contaminated material from Covered Shed
 Heavy metal contaminated material is believed to be from old lagoons on site
 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.