

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #3
Stark Ceramics
C596
East Canton, OH
Latitude: 40.7799980 Longitude: -81.2960310

To:
From: Tricia Edwards, OSC
Date: 8/25/2014
Reporting Period: 8/11/2014 to 8/22/2014

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 July 26h through August 8, 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, August 11, 2014, 7 loads (~148 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS stopped loading haul trucks at 100 hours because of the rain. Wet conditions caused safety hazard with ERRS workers walking on the plastic sheeting to seal the ACWM loads, and muddy road conditions at the landfill. Half the ERRS crew sent home around 1100 hours because no haul trucks. ERRS crew decontaminated and removed palletized bricks from the asbestos exclusion zone and continued implementing Storm water counter measures for surface rain water run-off.

ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Tuesday, August 12, 2014, 17 loads (~312 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Last haul truck loaded for the day 1530 hours. ERRS continued working in the asbestos exclusion zone relocating ACWM to the haul truck loading zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling. On Tuesday, August 13, 2014, 14 loads (~287 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Last haul truck loaded for the day 1530 hours. ERRS continued working in the asbestos exclusion zone relocating ACWM from along the east side of the railroad spur to the haul truck loading zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Thursday, August 14, 2014, 10 loads (~160 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS continued working in the asbestos exclusion zone relocating ACWM to the haul truck loading zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Friday, August 15, 2014, no ACWM transported to the landfill for disposal today. ERRS removing ACWM from around partially demolished kiln building on eastern portion of the asbestos exclusion zone. ERRS also removing ACWM from subsurface areas (pits, trenches, etc.) within the asbestos exclusion zone. ERRS stockpiled ACWM at the asbestos loading area for subsequent loading. ERRS workers entered the corrugated blue building containing drums, totes and containers on site to create accessible pathways for subsequent sampling activities. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Monday, August 18, 2014, 19 loads (~356 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Thirty-nine (39) empty propane cylinders transported to American Gas Company in Canton, Ohio for disposal. ERRS assessed condition of storm water counter measures for surface rain water run-off within the asbestos exclusion zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Tuesday, August 19, 2014, 17 loads (~296 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Last haul truck loaded for the day 1430 hours. ERRS continued working in the asbestos exclusion zone relocating ACWM to the haul truck loading zone. ACWM needs to be moved greater distances to the load-out area, so, the rate of loading trucks is exceeding the rate of relocating the ACWM to the loading zone. START and USCG observed sulfuric acid within the debris piles. Three 2-liter glass bottles observed. Leakage caused a reaction in the nearby puddle of water. ERRS RM & H&S entered the exclusion zone to neutralize the spill. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

Ginny Narsete of the US EPA Community Involvement Center (CIC) on site today.

On Wednesday, August 20, 2014, 15 loads (~280 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Severe weather (rain, lightning, thunder) delayed the start of work activities today. Daily safety meeting started at 0800 hours. City of Canton closed the bridge on north end of the site because severe rain events washed-out soil from under portion of the road. The erosion is in close proximity to an underground natural gas line. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Thursday, August 21, 2014, 17 loads (~332 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Additional ACM observed on the debris piles on the west side of the railroad spur. ERRS to remove all ACWM debris piles on west side of railroad spur and T&D as Friable Asbestos waste. Haul trucks stopped transporting ACWM around 1400 hours so ERRS workers could relocate ACWM to the load-out area. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Friday, August 22, 2014, 14 loads (~225 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Haul trucks stopped transporting ACWM around 1415 hours so ERRS workers could relocate ACWM to the load-out area. ERRS imported crushed limestone to fill-in the numerous pot holes on West Church Road. 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	4,508 tons	2718108-2719420		Friable ACM
Crushed Containers	Solid	30 yards / 3.60 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

Continued transportation and disposal of ACWM
Delineate the exact lateral extent of asbestos contamination
Remove ACWM from subsurface pits and trenches
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
Remove and dispose of tires dumped on southeast portion of the Site

2.2.1.2 Next Steps

Review treatability study lab data for disposal options
Prepare and arrange containers for sampling and field hazardous characterization

2.2.2 Issues

Asbestos waste shipment was scheduled to begin on Wednesday July 30th; however, truck plastic liners were not received in time and disposal activities were delayed.
START and USCG 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 of 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.

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.