

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
Progress  
Stark Ceramics  
C596  
East Canton, OH  
Latitude: 40.7799980 Longitude: -81.2960310

**To:**  
**From:** Tricia Edwards, OSC  
**Date:** 7/30/2014  
**Reporting Period:** 07/26/14 through 08/09/2014

**1. Introduction**

**1.1 Background**

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

**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 26th 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, July 28th, 2014, ERRS mobilized additional personnel to the site and continued with site set up activities. Sixty empty totes and twelve empty 55-gallon drums were destroyed for disposal. US Coast Guard Atlantic Strike Team members (2) mobilized to the site to assist with Health and Safety as well as contractor oversight. START conducted XRF screening on waste piles within the Covered Shed to identify

hot spots for treatability study samples. START collected pre-work asbestos air samples as well as pre-work air monitoring data. Perimeter asbestos air samples are being collected daily.

On Tuesday, July 29th, 2014, the asbestos loading pad area was cleared and cleaned for truck traffic. Trailer platforms arrived on site for the ERRS crew to line disposal trailers prior to loading and seal/tarp disposal trailers after being loaded. All site personnel participated in the 0800 hour Health & Safety meeting. ERRS personnel entered the asbestos exclusion zone and began creating access pathways through the demolition debris and began stockpiling ACWM at the truck loading area. START begins perimeter air monitoring and air sampling.

On Wednesday, July 30th, 2014, loading, transportation and disposal of asbestos-containing waste materials (ACWM) were canceled because truck bed liners did not arrive on site until the afternoon. ERRS crew continued staging ACWM at the truck loading area. Site activities were halted early due to potential for heavy rains/winds. ERRS enters asbestos hot zone to create clear access paths through the asbestos exclusion zone and stockpile ACWM for loading. Work stopped work at 1530 hours today because no haul trucks today. ERRS begins personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Thursday, July 31, 2014, ERRS began loading haul trucks with ACWM for T&D to the landfill. No truck placards and no impermeable tarps delayed the first round of trucks from exiting the site. 11 loads (~197 tons) of asbestos contaminated debris was transported off site for disposal to the American Landfill in Waynesburg, Ohio. One roll-off box for RCRA empty drums and containers arrived on site. Two samples of the metals contaminated soil (lead and barium) were collected and sent off site for treatability testing. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Friday, August 1, 2014, 20 loads (~405 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS reported 1 complaint of heat related illness. ERRS extended the northern boundary of the asbestos exclusion zone to include the truck trailer sealing and tarping station. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Monday, August 4, 2014, 16 loads (~360 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Engineering controls for heat stress were put in place (shade tents/umbrella shade). No complaints of heat related illnesses for the day. ERRS began heat stress monitoring for workers. An additional personnel decontamination unit was constructed on the north end of the asbestos exclusion zone. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Tuesday, August 5, 2014, 17 loads (~345 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. Work activities stopped at 1530 hours today because of the rain. Rain caused slippery conditions for workers sealing the truck beds. Rain also created muddy conditions at the landfill. ERRS off site at 1630 hours. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring but not air sampling.

No ACWM transported to the landfill for disposal today. ERRS in asbestos hot zone removing ACWM from around stacks of palletized bricks, removing ACWM from subsurface areas (pits, trenches, etc.), and removing ACWM from along the concrete retaining wall in the northern portion of the asbestos exclusion zone. ERRS stockpiled ACWM at the asbestos loading area for subsequent loading. ERRS also covered storm sewer and floor drains with filter fabric and sand bags. ERRS loaded one 30-yard roll-off box with crushed totes and drums. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Thursday, August 7, 2014, 19 loads (~370 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. ERRS continued personnel air monitoring for worker exposure. START continued perimeter air monitoring and air sampling.

On Friday, August 8, 2014, 13 loads (~339 tons) of ACWM was transported off site for disposal at the American Landfill in Waynesburg, Ohio. One 30-yard roll-off box containing RCRA empty crushed totes and drums was transported off site for disposal. One empty 30-yard roll-off box transported on site for subsequent loading and disposal of additional crushed totes and drums. 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><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Manifest #</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>
ACWM	Solid	2,016 tons	2718108-2719284		Friable ACM
Crushed Containers	Solid	30 yards			Solid Waste

## **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  
Prepare and arrange containers for sampling and field hazardous characterization  
Properly dispose of hazardous materials contained in drums or other containers  
Remove the remaining crushed totes and drums off site for disposal  
Review lab data from the treatability study samples and determine the disposal options  
Load, transport, and dispose of heavy metal contaminated material  
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

### **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.

### **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.