

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Durant Metal Shredding Fire - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: POLREP #1
Initial
Durant Metal Shredding Fire
A6CC
Durant, OK
Latitude: 33.9831545 Longitude: -96.3555473

To:
From: Nicolas Brescia, OSC
Date: 9/6/2011
Reporting Period: 09/06/2011-09/07/2011

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: CERCLA	Response Type: Emergency
Response Lead: PRP	Incident Category: Removal Assessment
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 9/6/2011	Start Date: 9/6/2011
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification: 09/06/2011
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

1.1.2 Site Description

Durant Metal Shredding (DMS), LLC is a recycling company in Durant, Oklahoma. DMS specializes in crushing and shredding car parts.

1.1.2.1 Location

DMS is located 2.5 miles South East of Durant, Oklahoma.

1.1.2.2 Description of Threat

A large pile of shredded automobile fluff caught on fire from a lightning strike and burned creating a large plume of smoke. The plume was migrating over and near several residential areas. Multiple residents reported inhalation issues from the fire.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

OSC Brescia and OSC Todd responded to the site and met with the Durant Fire Chief, ODEQ, the Responsible Party and the Durant Emergency Manager. Upon initial assessment, no air monitoring was being conducted by the RP. OSC Brescia instructed START to begin air monitoring outside of the facility following the plume, along the perimeter to determine VOC and particulate concentrations. START began air monitoring downwind of the facility to determine if any public health threat existed. OSC Brescia and ODEQ requested that the RP begin air monitoring on site and off site for VOCs and particulates. The RP contracted an environmental contractor to extinguish the fire and to provide air monitoring support. EPA and ODEQ requested the RP to create a air monitoring/sampling plan for the duration of the incident. Upon the assessment of the pile, it was determined that a small percentage of the air fluff could contain brake pads with asbestos. OSC Brescia instructed START to obtain asbestos sampling capability for three locations in the area. Upon request of Durant Emergency Management, OSC Brescia instructed START to also conduct three vacuum asbestos samples at three residences downwind of the plume.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

EPA and ODEQ received the RP air monitoring/sampling plan and made recommendations with action levels to be followed throughout the duration of the incident. EPA START is continuing to conduct air monitoring for VOC's and particulates downwind of the plume. EPA START will collect three asbestos air samples, and three asbestos vacuum samples to determine if any asbestos is present. Asbestos samples will also be collected at the site by the RP to determine if any asbestos is present. EPA will assist ODEQ with implementation of the air monitoring/sampling plan by the RP. Once the plan is in place and is active, EPA will demobe from the site and ODEQ will continue to monitor the air monitoring results.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Currently no significant VOC or particulate readings have been detected outside of the facility. Air monitoring is continuing.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

RP is to begin following the air monitoring/sampling plan put into place. EPA will assist ODEQ and the RP in implementation of that plan.

2.2.1.1 Planned Response Activities

Continue providing air monitoring activities until the RP's air monitoring/sampling plan is active.

2.2.1.2 Next Steps

Submit asbestos samples to laboratory for total counts. Review air monitoring data provided by the RP.

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

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.