

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Hoss/Moore Tank Site - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial
Hoss/Moore Tank Site

Statesville, NC
Latitude: 35.9663840 Longitude: -80.9346149

To:
From: Kenneth Rhame, OSC
Date: 3/5/2011
Reporting Period: March 4th thru March 7th

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: CERCLA	Response Type: Emergency
Response Lead: EPA	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 3/4/2011	Start Date: 3/4/2011
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

CERCLA Emergency Response

1.1.2 Site Description

120 Estes Road
Statesville, Iredell County, NC
Site is currently being utilized as a resident and horse pasture owned by Shirley Moore. It is a former scrap yard that allegedly has buried solid waste and possibly compressed gas cylinders containing ethylene oxide. The property is located at the end of Estes Road and is located in a residential neighborhood. A creek flows adjacent to the property.

1.1.2.1 Location

120 Estes Road, Statesville, Iredell County, NC.
Residential Neighborhood

1.1.2.2 Description of Threat

Explosion/Release of Ethylene Oxide
A Carcinogen

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

EPA observed area where a explosion had already occurred due to individual cutting cylinders to evacuate the ethylene oxide in order turn in cylinders for money as scrap metal. Additional cylinders reportedly could be buried on site as well.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA received a report from NC DENR RCRA regarding a report that they received from Mr. Charlie Hoss stating that a injury occurred due to an explosion from a individual cutting (ethylene oxide) cylinders. Individual injured(Dave Moore) was transported to Baptist Memorial. No local emergency response personnel was notified, Mr. Moore reported to the hospital that his injuries were sustained due to a propane tank accident.
Ethylene oxide is a carcinogen and there are residential homes within approximately 250 feet from site. It is believed that there are about 150 cylinders stored on the property of which some are buried. It is believed

the cylinders originated from the U.S. Navy and may contain ethylene oxide.

On March 4th, upon arrival US EPA met NC DENR RCRA, Central Fire Dept. Fire Chief, USCG GST. NC DENR and local fire confirmed presence of cylinders and observed the location of the explosion (a saw and partially cut cylinder was still on site at the location of the explosion). Three to four cylinders were observed that may still be in tact but are in questionable condition. EPA met with property owner Shirley Moore who granted EPA verbal access, EPA conducted air monitoring and conducted visual assessment of site, also confirming 3 to 4 cylinders still present on site. EPA issued CERCLA Letter of Federal Interest to Ms. Moore who stated that she did not have the financial resources to address the threat. Site is located at 120 Estes Road, cylinders are located in a horse pasture approximately 250 feet from residential properties. Due to the hazards of the suspect compounds, proximity to residential properties and condition of the cylinders, EPA hired a security company to secure the property until a strategy to mitigate the risks can be developed. Cylinders do not appear to be in condition suitable for transport. EPA met with DJ Moore, son of Dave Moore (injured person from explosion), who confirmed that the allegations are true to the best of his knowledge, that his father was injured by cutting ethylene oxide cylinders, and his grandfather may have buried cylinders on site, him and his father had already located and released approximately 50 cylinders so that they could be sold for scrap metal.

2.1.2 Response Actions to Date

EPA has secured site and is discussing options for site stabilization.

EPA contacted the FBI Bomb Tech located in Raleigh NC to discuss detonating cylinders in place as a option. He facilitated a discussion with the Winston-Salem Police Department Bomb Squad and EPA, EPA and Winston-Salem PD will meet on Monday to discuss detonation option.

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

PRP is Dave Moore (deceased).

Property Owner is Shirley Moore.

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

Discussing options to mitigate threats.

2.2.1.1 Planned Response Activities

Conduct air monitoring during exploratory trenching to determine if additional cylinders are buried on site.

Conduct air sampling during detonations if detonation option is implemented.

2.2.1.2 Next Steps

Meet with Winston-Salem PD and local Fire Dept to discuss strategy forward.

2.2.2 Issues

Unstable cylinders located in close proximity to residential homes.

Cylinders do not appear to be in good enough condition to transport.

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.