

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
AZZ MOSS POINT HCL SPILL - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
INITIAL/FINAL
AZZ MOSS POINT HCL SPILL
Moss Point, MS
Latitude: 30.4333807 Longitude: -88.5418296

To: Matt Taylor, USEPA R4 ERRB
Earl Etheridge, MSDEQ

From: DEAN ULLOCK, On Scene Coordinator

Date: 2/19/2010

Reporting Period: 02/10/2010

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 Action |
| NPL Status: | Non NPL | Operable Unit: | |
| Mobilization Date: | 2/10/2010 | Start Date: | 2/10/2010 |
| Demob Date: | 2/10/2010 | Completion Date: | 2/11/2010 |
| CERCLIS ID: | | RCRIS ID: | |
| ERNS No.: | | State Notification: | ALABAMA |
| FPN#: | | Reimbursable Account #: | |

1.1.1 Incident Category

ACTIVE PRODUCTION FACILITY

1.1.2 Site Description

1.1.2.1 Location

4212 Dutch Bayou Road. (Moss Point (Jackson County) Mississippi. Light Industrial area, Facility is located east of a small Municipal POTW. Unknown how many people live in the immediate area. The business is a small, metal galvanizing facility which has been in it's current location over 10 years.

1.1.2.2 Description of Threat

Release or potential release of strong acid liquids and gases. In this incident, a release of approximately 6400 gallons of 35% Hydrochloric Acid occurred resulting in the formation of a small vapor cloud which dissipated in a short amount of time. Most of the release of acid was secured as liquid within a 2' wide, lined ditch which runs n-s beside the production facility towards the north. No acid (liquids) left the site due to a site drainage control valve.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Early on the morning of 02/10/2010 and at the request of the MS DEQ State OSC, OSC Ullock was dispatched to the scene to conduct an emergency response action at the location of the spill. A PVC valve associated with an 8000 gallon AST used to store the HCL had accidentally sheared off while crews were attempting an acid transfer. The resulting spill was initially contained within appropriate secondary containment but leaked through this containment into an adjoining, lined ditch due to defective seams located within and upon the secondary containment floors and walls.

OSC Ullock's initial actions included ensuring that appropriate resource and response actions were taking place, cursory air monitoring was being conducted and meeting the RP. OSC Ullock issued a NOFI and conducted a walkthrough with the RP and clean up contractor and witnessed all on-going recovery activities that were ongoing upon arrival on-scene at approximately 0830hrs.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Clean up crews were actively recovering HCL from the lined ditch using hand tools, sorbents and acid pumps with small storage tanks and eventually, suitable vacuum trucks.

2.1.2 Response Actions to Date

Recovery of approximately 6400 gallons of HCL has been completed. Clean up crews and AZZ personnel

continue with replacement and rehab of the lined ditch and other areas impacted by the spill.

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

RP was issued a Notice of Federal Interest by the OSC.

2.1.4 Progress Metrics

| Waste Stream | Medium | Quantity | Manifest # | Treatment | Disposal |
|---------------------|---------------|----------------------|-------------------|------------------|-----------------|
| HCL | LIQUID | approx. 6400 gallons | | BULK/TRANSPORT | offsite |
| | | | | | |
| | | | | | |

2.2 Planning Section

2.2.1 Anticipated Activities

Continued excavation and replacement of impacted soils located on site. Replacement of defective AST valve with more durable, stainless steel valving.

2.2.1.1 Planned Response Activities

NFA

2.2.1.2 Next Steps

OSC Ullock and MS DEQ OSC will return to Site to witness recovery efforts to date.

2.2.2 Issues

NONE.

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

N/A

2.5 Other Command Staff

2.5.1 Safety Officer

N/A

2.6 Liaison Officer

N/A

2.7 Information Officer

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

N/A

3. Participating Entities

3.1 Unified Command

US EPA

MS DEQ

RP

3.2 Cooperating Agencies

USCG SECTOR MOBILE

4. Personnel On Site

MS DEQ-1

US EPA-1

USES (clean up contractor approx. 6-8)

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.

