

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
BASF Ammonium Nitrate Spill - Removal Polrep
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial and Final POLREP
BASF Ammonium Nitrate Spill
Ataapulgus, GA
Latitude: 30.7446250 Longitude: -84.4788970

To: Christopher Masterson, USEPA R4 ERRB

From: Chris Russell, On Scene Coordinator

Date: 2/18/2011

Reporting Period: 2/11/2011

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 Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 2/11/2011	Start Date: 2/11/2011
Demob Date: 2/11/2011	Completion Date: 2/11/2011
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

The site is a chemical manufacturing facility.

1.1.2.1 Location

141 Engelhard Road, Ataapulgus, Decatur County, Georgia

1.1.2.2 Description of Threat

Ammonium Nitrate Solution is a caustic chemical that could react with other chemicals that were on-site. The solution was leaking from a broken seam in a 500,000 gallon tank (75% full during the release) at a rate of 70gpm.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

At noon on 2/11/2011, BASF in Ataapulgus, GA experienced a release of Ammonium Nitrate Solution from a 500,000 gallon tank (75% full) at a rate of over 70 gpm. The spill entered a drainage ditch where it was pumped into a lined holding pond; the drainage ditch led to an on-site treatment system, however, the system would not have been able to handle the full load of the spill. EPA Telephone Duty discussed the magnitude of the release with BASF and dispatched EPA Florida Outpost OSC Russell to oversee response operations.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The spill proceeded until it reached below the rip in the tank (>100,000 gallons spilled); OSC Russell confirmed that no product was released off-site and directed the RP to cease nearby loading operations of Nitric Acid until the product was recovered. The product will be sent through a clarifier and reused.

2.1.2 Response Actions to Date

The spill entered a drainage ditch where it was pumped into a lined holding pond. The product will be sent through a clarifier and reused.

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

The PRP responded to the spill

2.1.4 Progress Metrics

N/A

2.2 Planning Section

2.2.1 Anticipated Activities

There are no anticipated additional activities.

2.2.1.1 Planned Response Activities

The PRP will clarify the product and store it for it for reuse.

2.2.1.2 Next Steps

None.

2.2.2 Issues

OSC Russell directed the RP to cease nearby loading operations of Nitric Acid until the spilled product was recovered.

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 and BASF (RP)

3.2 Cooperating Agencies

4. Personnel On Site

N/A

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

N/A

6.2 Reporting Schedule

N/A

7. Situational Reference Materials

N/A

POLREP #1 Last Updated 2/20/2011