

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Blue Island Cumene Release - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Blue Island Cumene Release
Blue Island, IL
Latitude: 41.6550561 Longitude: -87.7030190

To: Valencia Darby, Department of Interior
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Jim Clark, Illinois EPA
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From: Paul Atkociunas, OSC

Date: 1/25/2013

Reporting Period: January 24 to

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:
NPL Status:	Operable Unit:
Mobilization Date:	Start Date:
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

CERCLA Emergency

1.1.2 Site Description

The incident occurred at the Blue Island Phenol, LLC facility. The facility manufactures phenol. The facility receives benzene via rail car and process the material into phenol. Cumene and Cumene Hydroperoxide are intermediates of the production process. Per facility personnel, the spill volume of Cumene (75%) / Cumene Hydroperoxide (25%) was estimated at 300 gallons (2257 pounds).

1.1.2.1 Location

The location of the incident was at the Blue Island Phenol, LLC facility located at 3350 W. 131st Street, Blue Island, Cook County, Illinois. The Site is located in a industrial / manufacturing area with the nearest residence approximately 1500 feet to the south.

1.1.2.2 Description of Threat

Cumene is flammable in presence of open flames and sparks. Cumene is very hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Cumene hydroperoxide is combustible, toxic by inhalation, ingestion and skin absorption.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

OSC Atkociunas and Environmental Specialist David Turner with the Metropolitan Water Reclamation District of Greater Chicago (MWRD) conducted oversight on January 24, 2013. MWRD indicated that their agency has not documented a release of the material from the facility's outfall. The facility secured the release, neutralized the waste and was collecting / containerizing impacted gravel. Product was not observed within the trenches, sumps, or separators within the facility. OSC Atkociunas walked the perimeter of the facility and did not observe any releases.

2. Current Activities

2.1 Operations Section

No information available at this time.

2.2 Planning Section

No information available at this time.

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.

POLREP #1 Last Updated 3/28/2013