

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Traylor Chemicals Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #4
Progress
Traylor Chemicals Site
C5P8
Royal Center, IN
Latitude: 40.8593780 Longitude: -85.6003340

To: Charlie Gebien, U.S. EPA
Sam Borries, U.S. EPA
Nola Hicks, U.S. EPA
Cheryl McIntyre, U.S. EPA
Teresa Jones, U.S. EPA
John Maritote, U.S. EPA
John Glover, U.S. EPA
Mark Johnson, ATSDR
Yolanda Bouchee-Cureton, U.S. EPA
Sherry Fielding, U.S. EPA
Harry Atkinson, IDEM
Max Michael, IDEM
Rex Osborn, IDEM
Steven Yearly, IDEM
Ken McDaniel, IDEM
Dave Arnold, Cass County
Cindy Howard, Cass County
Christy Householder, Cass County
USCG PolRep Distribution, USCG

From: Anita L. Boseman, On-Scene Coordinator

Date: 12/23/2013

Reporting Period: 12/16/2013 - 12/20/2013

1. Introduction

1.1 Background

Site Number:	C5P8	Contract Number:	EP-S5-09-05
D.O. Number:	0137	Action Memo Date:	9/23/2013
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:		Start Date:	11/7/2013

Demob Date:
CERCLIS ID: INN 000 510 934
ERNS No.:
FPN#:

Completion Date:
RCRIS ID:
State Notification:
Reimbursable Account #:

1.1.1 Incident Category

Abandon Commercial Fertilizer Manufacturing Facility

1.1.2 Site Description

See POLREP 1

1.1.2.1 Location

126 North Market Street, Royal Center, Cass County, Indiana 46978

1.1.2.2 Description of Threat

The contaminants of concern at the Site include fertilizer manufacturing-related chemicals and unknown contaminants that are present in totes, drums, small containers, and/or other miscellaneous containers at the Site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On May 27, 2011, City of Royal Center conducted a site reconnaissance. During the City of Royal Center site reconnaissance, a number of containers/materials were found throughout the former fertilizer chemical manufacturing facility. Chemical container labels observed during the initial City of Royal Center site reconnaissance included: sulfate potash, zinc chelate, zinc sulfate, aluminum sulfate, copper sulfate, magnesium sulfate anhydrous, zinc sulfate monohydrate, soluble potash, ferrous sulfate, potassium nitrate, ferrous sulfate heptahydrate, potassium carbonate, liquid zinc, liquid boron, liquid calcium, copper chelate, zinc ammonium complex, fuming acid, sulfuric acid, and potassium bisulfate.

On November 21, 2012, the United States Environmental Protection Agency (EPA) received a request from the Indiana Department of Environmental Management (IDEM) to conduct an assessment of the Site.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

See POLREP 1

2.1.2 Response Actions to Date

From December, 16- 20, 2013 the following tasks were completed:

- U.S. EPA, START, and ERRS mobilize to Site
- Inventories and sample waste containers in Area #1 and #4
- Cut open and sampled tanks 3110, #111, #113, #115, #118, #120, #121, #129-#137
- Staged drums from Area #7 to Area #1
- Begin haz-cattling samples - 63 samples completed
- Inventory & sampled containers in Area #7
- Demolish tank #121, vat #122 from containment area in Area #4

- Filled propane tank - 7,300 gallons
- Shipped roll-off box of RCRA empty containers for disposal
- Rinsed tank #119 & installed bottom valve
- Demolished tank #118 and containerize residual solids
- Removed debris and spilled solids from Area 4 secondary containment area
- Crushed empty steel drums in Area #1
- Demolished empty tote in Area #5
- Housekeeping & floor sweeping
- Prepared site for holiday break
- Perform continuous air monitoring of the Site building and perimeter during all Site activities.
- All Site work was performed in Level D or C PPE
- Site secured for 2 week break, U.S. EPA, START, and ERRS de-mobilized from the Site

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

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal Facility</i>
RCRA Empty Containers & Debris	solid	30 cubic yards	47141320817	NA	County Line Landfill (Republic Svc)

2.2 Planning Section

2.2.1 Anticipated Activities

- Continue air monitoring during all Site activities
- Continue Green site activities

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

Continue removal action

2.2.2 Issues

None

2.3 Logistics Section

Not applicable

2.4 Finance Section

2.4.1 Narrative

As of 12/20/2013

2.5 Other Command Staff

2.5.1 Safety Officer

A site safety plan was signed by all present.

2.5.2 Liaison Officer

Not applicable

2.5.3 Information Officer

Teresa Jones - CIC

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

EPA
IDEM
Cass County
The City of Royal Center
Royal Center Fire Department
Royal Center Police Department

4. Personnel On Site

1 - EPA OSC
7 - ERRS (Environmental Restoration, LLC)
1 - START (Weston Solutions, Inc.)

5. Definition of Terms

CO - Carbon Monoxide
COR - Contracting Officer Representative
CRZ - Contamination Reduction Zone
EPA – United States Environmental Protection Agency
ERRS - Emergency and Rapid Response Services
H₂S - Hydrogen Sulfide
IDEM – Indiana Department of Environmental Management
LEL - Lower Explosive Limit
MSDS - Material Safety Data Sheets
O₂ - Oxygen
OSC – On-Scene Coordinator
NH₃ - Ammonia
PPE - Personal Protective Equipment
PRPs - Potentially Responsible Parties
START – Superfund Technical Assessment and Response Team
TAL - Target Analyte List Metals
U.S EPA - United States Environmental Protection Agency
VOCs - Volatile Organic Compounds

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, please refer to “Documents” on www.epaosc.org/.

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to "Documents" on www.epaosc.org/.