

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
HOVENSA DCU Vapor Release - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #6
Final
HOVENSA DCU Vapor Release
ZZ
Christiansted, VI
Latitude: 17.7078390 Longitude: -64.7466520

To:
From: D'Onofrio, On Scene Coordinator
Date: 9/27/2011
Reporting Period:

1. Introduction

1.1 Background

Site Number:	A263	Contract Number:	NA
D.O. Number:	NA	Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	NA
Mobilization Date:	12/10/2010	Start Date:	12/9/2010
Demob Date:		Completion Date:	2/24/2011
CERCLIS ID:	VID980536080	RCRIS ID:	
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

Release of vaporized coker intermediate to the atmosphere. Fallout from the release impacted cars, structural surfaces and potentially residential cisterns.

1.1.2.1 Location

1 Estate Hope
Christiansted, St Croix, US Virgin Islands

1.1.2.2 Description of Threat

Coker residue fallout potentially impacting residential cisterns.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Approximately 220 homes/other structures, including one school, one daycare and several businesses affected by the release.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

EPA completed oversight of response activities with the VIDPNR, VIDOH as of 2/24/2011. HOVENSA completed the following work related to the response:

- Residences contacted in and near impact zone: 344
- Roofs Inspected: 293
- Confirmed impacted: 227
- Roofs cleaned or addressed through claims: 226
- Roof coatings required and addressed through re-coating/claims: 25;
- Cistern disconnections 186: 174 reconnected upon completion of roof cleaning; 12 refused reconnection;
- Car Vouchers issued: 218;

- Estimated total of drinking water distributed: 48,000 gallons (33,000 from the distribution centers and 15,000 directly into cisterns).

Analytical results from cistern sampling indicated that cisterns were not impacted by the DCU Coker release. EPA oversaw the collection and analysis of 39 representative samples collected by HOVENSA; EPA collected 24 splits from the 39 total samples. Samples were analyzed for fingerprint analysis, total petroleum hydrocarbons and polyaromatic hydrocarbons. EPA ERT reviewed HOVENSA and EPA data to confirm that analytical results were negative for the fingerprinted materials. No further action was required based on the ERT data review.

EPA conducted a public outreach effort between 2/11/2011 and 2/24/2011 with the assistance of the USCG AST, VI DPNR and VI DOH personnel. Fact sheets were distributed door to door to communicate the analytical results, the EPA oversight effort and the expected health effects related to the release.

See SITREPs 1 and 2 for additional information.

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

The potentially responsible party (PRP) is HOVENSA. EPA issued a Field Notice of Federal Interest to HOVENSA on 12/15/10 to inform them of the intent for cost recovery.

2.1.4 Progress Metrics

See the Response Actions to Date section of this Situation Report.

2.2 Planning Section

2.2.1 Anticipated Activities

NA

2.2.1.1 Planned Response Activities

NA

2.2.1.2 Next Steps

NA

2.2.2 Issues

NA

2.3 Logistics Section

NA

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

All operations will conform to the following regulations:

Title 29, Part 1910 of the Code of Federal Regulations, *Occupational Safety and Health Standards* (with special attention to Section 120, *Hazardous Waste Operations and Emergency Response*)

Title 29, Part 1926 of the Code of Federal Regulations, *Safety and Health Regulations for Construction*

National Institute for Occupational Safety and Health / OSHA / USCG / EPA *Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities*

2.6 Liaison Officer

N/A

2.7 Information Officer

2.7.1 Public Information Officer

The EPA Public Affairs Division PAD was regularly updated on response oversight efforts and assisted the OSC during the February 2011 public outreach effort. The Regional Administrator and the OSC attended 2 public meetings on March 4 and 5, 2011, in which the details of the DCU Coker Release were discussed with attendees from the general public.

2.7.2 Community Involvement Coordinator

NA

3. Participating Entities

3.1 Unified Command

HOVENSA
VI DPNR
VI TEMA
US EPA

3.2 Cooperating Agencies

ATSDR assisted VI DOH and EPA in evaluating and communicating the potential health effects based on analytical results and other available information related to the DCU release.

4. Personnel On Site

EPA OSCs	1
U.S. Coast Guard	2
HOVENSA	68 + (varies)
VI DPNR	1
VI DOH	1

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

US Coast Guard - National Pollution Fund Center

<http://www.uscg.mil/npfc/default.asp>

US Environmental Protection Agency - Region 2

<http://www.epa.gov/Region2/>

6.2 Reporting Schedule

Last Report.

7. Situational Reference Materials

N/A