U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Exxon Refinery Baton Rouge Air Monitoring - Removal Polrep
Initial and Final Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VI

Subject: **POLREP #1**
Initial and Final POLREP
Exxon Refinery Baton Rouge Air Monitoring

Baton Rouge, LA
Latitude: 30.4768604 Longitude: -91.1685882

To:
From: Steve Mason, OSC
Date: 6/25/2013
Reporting Period: 05/22/2013 - 05/26/2013

1. Introduction

1.1 Background

Site Number:		**Contract Number:**	
D.O. Number:		**Action Memo Date:**	
Response Authority:	CERCLA	**Response Type:**	Emergency
Response Lead:	EPA	**Incident Category:**	Removal Assessment
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	5/22/2013	**Start Date:**	5/22/2013
Demob Date:	5/26/2013	**Completion Date:**	5/26/2013
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

1.1.2 Site Description

1.1.2.1 Location

Exxon Refinery, 4045 Scenic Highway, Baton Rouge, East Baton Rouge, LA

1.1.2.2 Description of Threat

On May 22, the Exxon Baton Rouge Refinery, LA, reported to the National Response Center, a small leak developed under insulation in the Sulfur Recovery Unit, releasing hydrogen sulfide and sulfur dioxide. Exxon will need to divert H2S stream to incinerator during repairs (2-4 days), which will result in large release of SO2 each day (approximately 24 tons/day). Work will be completed under an agreed LDEQ compliance order. EPA START and LDEQ, along with Exxon, will conduct off-site monitoring while repairs/release is ongoing. EPA START, LDEQ, and Exxon will coordinate monitoring results.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

Two Baton Rouge START-3 personnel conducted complete air monitoring runs at the locations stated in the LDEQ Air Monitoring Plan for the Exxon Refinery TGCU.

START-3 utilized a ToxiRae Single monitor with a sulfur dioxide sensor as well as a MultiRae 5-gas detector that was used to monitor percent oxygen, carbon monoxide, lower explosive limit (LEL), hydrogen sulfide, and volatile organics (VOCs).

Almost all air monitoring results were non-detect with very few exceptions, for very minor readings for an acute time period.

Air monitoring started on May 22, and was completed on May 26, 2013.

Monitoring results were shared with EPA Task Monitor, LDEQ, and Exxon Refinery.

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

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*
VOCs	Air	> 10,000 lbs			

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

No further activities are scheduled.

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

7. Situational Reference Materials

No information available at this time.