

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
West Sacramento Earthquake EXERCISE - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IX

Subject: POLREP #1
Initial Sit Rep
West Sacramento Earthquake EXERCISE

West Sacramento, CA
Latitude: 38.5710000 Longitude: 121.5260000

To:
From: Anna-Marie Cook, Sit Unit
Date: 9/28/2016
Reporting Period: 09-28-16 0800 - 09-29-26 0800

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority:	Response Type:
Response Lead:	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

Earthquake resulting in fuel and wastewater (sewage) environmental releases in West Sacramento.

1.1.2 Site Description

As a result of an earthquake on 09-26-16, there are fires reported at multiple locations in West Sacramento, including at least one storage tank at Equilon tank farm and natural gas pipelines around the city. There is a train derailment with at least 3 chlorine cars containing 90 tons of chlorine each. Wastewater treatment and drinking water supply have been disrupted. Communications in the area are sporadic.

1.1.2.1 Location

Tank farm is at South River Road, train derailment is at 5th Street and D Street.

1.1.2.2 Description of Threat

Free product from the tank farm has entered the Sacramento River, sewage is also discharging into the river. The impacted area is home to endangered species (vernal pool shrimp). Precautions are being taking in the event of a release from the derailed chlorine cars.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Air monitoring is showing impact in the area around the tank farm and downwind from the facility. Multiple SCATs have been deployed along both sides of the river bank to assess impacts of the free product release.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Three staging areas have been established:

1. **Highway 275:** 237 Highway 275
2. **IKEA Parking Lot:** 700 IKEA Court
3. **Staging Area East:** 5533 Sandburg Drive

2.1.2 Response Actions to Date

- River has been divided into 5 segments of 2 miles each. SCAT teams have been deployed for each segment, one team on each side of the river. There are area arrays being installed around Equilon facility, and the train derailment location. Multi-rays have been requested for use at all locations.
- 50 pallettes of drinking water have been brought in to Staging Area East and are available to Sacramento Fire Dept for distribution when needed.
- Monitoring of rail cars is ongoing for potential chlorine gas release.

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

2.1.4 Progress Metrics

-

ENV has concluded that there are no surface water intakes downstream of the spills.

Groundwater wells downstream should not be affected.

- ENV created map of Chlorine setback and evacuation areas, including operational areas, staging areas, derailment and spills and fires. PM 2.5 monitoring data were included for reference.

ENV identified the proximity of spills to drinking water sources. ENV concluded that no surface water intakes were downstream of the spills and that the nearby drinking water wells faced no immediate threat from the fills.

ENV preparing sampling plans for next operational period

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

SCAT activities continue. Setback limits have delineated for train derailment and precautionary limits set up for implementation in the event of a chlorine release. The situation continues to be monitored.

2.2.1.1 Planned Response Activities

None for this OP pending monitoring and SCAT results.

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section

Logistics continues to support Operations and Planning with their resources requests. There are no major issues at this time with obtaining resources being requested.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Safety Message

West Sacramento Earthquake

Operational Period: Sept. 28, 2016 8AM-8PM

General: Anticipate and identify hazards, evaluate risks and develop controls to protect responders and the

public.

Follow Health & Safety Plans

-----notinal details-----

Wear Appropriate PPE

-----notinal details-----

Major Hazards

Chlorine Potential Release

-----notinal details-----

Smoke Inhalation

-----notinal details-----

Diesel Exposure

-----notinal details-----

Heat Stress

-----notinal details-----

Sewage Exposure

-----notinal details-----

****Report Injuries to ICP/ Safety Officer using EPA Form 301**

Safety Officer – Jeff Woodlee

Phone#####

ASO Officer - xxxxxxxxxxxx

Phone#####

2.5.2 Liaison Officer

In contact with Coordination and Support Agencies. Key agencies:

FEMA: we are told to expect ESF-10 assignment of \$75K by tomorrow

City of West Sacramento: We are in touch and awaiting more information on their needs to support potable drinking water distribution and public communication

OSPR: Working with them as responders and trustees for river resources relating to oil spill

Sac Regional Sanitation Authority: working with them to plan to restart wastewater treatment plant operations

2.5.3 Information Officer

3. Participating Entities

No information available at this time.

4. Personnel On Site

- 18 ERRS
- 10 START
- 10 EPA
- 2 EPA Safety Officers

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.