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Contra Costa Health
Hazardous Materials

For CCHS Use Only:

Received By:

AS

Date Received:

01/27/2023

Incident Number:

23-01-24-01

Copied To:

Event Classification Level:

1

ATTENTION: Nicole Heath
Acting Hazardous Materials Program Director
Contra Costa Health Services Department
4585 Pacheco Boulevard Suite 100
Martinez, CA 94553

INCIDENT DATE: 1/24/2023

INCIDENT TIME: 0648

FACILITY: Chevron Richmond Refinery

PERSON TO CONTACT FOR ADDITIONAL INFORMATION: Laura Leeds

Phone number: (510) 242-3887 (office)

I. SUMMARY OF EVENT

At 6:48 am on January 24, 2023, a release of <1BBL of a diesel-like material at a ship berth loading arm was observed, contacting the wharf deck, ship deck, and water. This release was identified during the initial startup of the transfer operation from the ship to wharf facilities. Upon identification of the issue, the transfer was stopped, and the release stopped. Operations immediately began containment and cleanup of the product.

II. AGENCIES NOTIFIED, INCLUDING TIME OF NOTIFICATION

Per our internal response procedures, the following agencies were notified, and a CWS Level 1 notification was issued.

Agency	Person Reached	Phone Number	Time
State Warning Center Cal Emergency Management Agency	Rodney	1-800-852-7550	7:24
National Response Center (NRC)	Brent	1-800-424-8802	7:27
Contra Costa County Health Services Dept. (CCC HSD)	No Answer (no option for leaving a message)	925-335-3232	7:33
	Contacted Sheriff's Dispatch	925-646-2441	7:34
United States Coast Guard	Anderson	415-399-3530	7:35
CA Department of Fish & Wildlife	Jennifer	916-358-1312	8:06

Richmond Fire / Police Central Dispatch	Dispatch -1772	510-620-6933	7:38
CA State Lands Commission	No Answer (no option for leaving a message)	510-590-5201	7:57
Regional Water Quality Control Board	Left Message	510-622-2369	8:09
BCDC Oil Spill Program	Cody	415-279-5338	8:10

III. AGENCIES RESPONDING, INCLUDING CONTACT NAMES AND PHONE NUMBERS:

At this time, we are aware of the following agencies that have responded:

Contra Costa County Health Services Department	Nick Umemoto	925-655-3224
United States Coast Guard	Robert Miller	415-399-3547
CA Department of Fish & Wildlife	Pete Georges	916-845-8911
BAAQMD	Verntzoone Roger Pharm	415-793-0974
Marine Spill Response Corporation (MSRC)	Harry Fujii	800-645-7745

IV. EMERGENCY RESPONSE ACTION:

The Chevron Fire Department (CFD) Incident Command System was stood up at 0716. All wharf personnel were accounted for with no injuries reported. CFD met with Operations for an initial briefing and was informed that the following actions had been taken:

1. Affected equipment isolated from the vessel and the shore, and product flow stopped.
2. All wharf operations halted.
3. Containment boom installed and absorbent boom applied in the water.

Upon initial assessment, CFD requested additional internal resources (e.g., fire brigade members and off-duty CFD members). CFD supplemented the initial response by assisting with boom deployment. Area surveillance was conducted by MSRC and internal drone resources. This surveillance showed no product outside of the containment boom. CFD met with Federal/State/Local jurisdictions as they arrived at the Incident Command Post.

Command was terminated at 1037.

V. IDENTITY OF MATERIAL RELEASED AND ESTIMATED OR KNOWN QUANTITIES:

The quantity of diesel-like material released is estimated based on currently available information to be less than 1BBL.

VI. METEOROLOGICAL CONDITIONS AT TIME OF EVENT:

Wind Speed (mph)	6.06
Wind Direction (degree)	65.3
Precipitation (inches)	0.00
Temperature (°F)	52.3

Information based on data received from Refinery's meteorological station located near Gertrude Street.

VII. DESCRIPTION OF INJURIES

No injuries occurred as a result of this incident.

VIII. COMMUNITY IMPACT:

There were no regulatory exceedances based on Ground Level Monitoring data. There were no detects above known health limits based on Air Monitoring data.

Ground Level Monitoring Data Summary

	Background Prior to and Maximum Concentration Readings During the Event		
	Castro Street	Office Hill	Gertrude Street
H ₂ S (ppb) Background 05:45 – 06:44	2.258	3.114	2.145
H ₂ S (ppb) Max.	2.924	4.021	2.558
SO ₂ (ppb) Background 05:45 – 06:44	2.297	7.324	2.187
SO ₂ (ppb) Max.	2.986	7.986	2.187

Note: The Cal/OSHA PEL for SO₂ is 2,000 ppb (2 ppm) averaged over an 8-hour period. The Cal/OSHA PEL for H₂S is 10,000 ppb (10 ppm) averaged over an 8-hour period.

Fence Line Air Monitoring Summary

During the time period of the event there were no elevated detections at the fence line monitoring stations.

Community Air Monitoring Summary

During the time period of the event there were no elevated detections at the community air monitoring stations. No exceedances of health limits were recorded.

IX. INCIDENT INVESTIGATION RESULTS:

An incident investigation will be conducted to determine the cause of the release.

X. SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:

Results will be determined by the investigation.

XI. SUMMARIZE PREVENTABLE MEASURES TO BE TAKEN TO PREVENT RECURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION

Preventable measures will be determined by the investigation.