

# ENTERED

## CONTRA COSTA HEALTH SERVICES

### COMPLAINT, INCIDENT, AND NOTIFICATION REPORT FORM

Type (Circle One):  C  I  N

Received Date: 01/04/18 Received Time: 9:25 AM Received By: SD Lead: SD

Incident Date: 1/4/18 Incident Time: \_\_\_\_\_ Assigned to: \_\_\_\_\_ Assigned Date: \_\_\_\_\_

**CASE NUMBER:** 18-01-04 - 01

**COMPLAINANT / REPORTING PARTY:**

Name: Richmond Fire Dispatch  RP is from Facility  Anonymous

Organization: \_\_\_\_\_

Primary Phone Number: \_\_\_\_\_ Secondary Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**FACILITY / LOCATION OF INCIDENT:**

Name: ChemTrade West US LLC Richmond CUPA Facility I.D.: 716644

Phone Number: 510-232-7193

Address: 525 Castro St Unit: \_\_\_\_\_

City: Richmond State: CA Zip Code: 94801

Location Description: ChemTrade facility

**INITIAL INCIDENT DESCRIPTION:** Oleum leak coming from ChemTrade facility, unknown quantity, unknown location

**INCIDENT TYPE / DESCRIPTION:**

Community Warning System Level (Circle Highest Level):  N/A  0  1  2  3

FACILITY	ISO / MCAR	TRANSPORTATION	MISCELLANEOUS
<input type="checkbox"/> Fire or Explosion	<input type="checkbox"/> Fatality (one or more)	<input type="checkbox"/> Tank Truck	<input type="checkbox"/> Storm Drain/Creek
<input checked="" type="checkbox"/> Spill or Release	<input type="checkbox"/> > 24 hrs. Hospital, 3 or more people	<input type="checkbox"/> Railroad	<input type="checkbox"/> Drug Lab
<input type="checkbox"/> Startup or Shutdown	<input type="checkbox"/> Flammable Vapor Cloud > 5,000 lbs.	<input type="checkbox"/> On Water	<input type="checkbox"/> Disposal/Abandonment
<input type="checkbox"/> Flaring		<input type="checkbox"/> Pipeline	<input type="checkbox"/> Odor Complaint
<input type="checkbox"/> Upset		<input type="checkbox"/> Fuel Tank	<input type="checkbox"/> Other:

Time Enroute to Scene: 9:47 AM Time Arrived On Scene: 10:18 AM Time Departed From Scene: 10:53 AM

**REFERRED TO OTHER AGENCY:**

**DTSC STATE FUNDING (if applicable):** CLU/ERER Number: \_\_\_\_\_

**STORMWATER STATUS (if applicable):**  Actual Discharge  Potential Discharge



**AGENCIES ON SCENE OR NOTIFIED:**

Agency Type	Agency	O/N	Contact Person	Phone Number	Case Number
Fire Department	Richmond Fire	O	Manley		
Law Enforcement					
Air District					
State OES	Report # 18-0053	N			
	Chevron Fire	O	BC Ferrer		

**REPORT:**

On 1/4/18 at 9:25 AM, Contra Costa County Hazardous Materials Programs (CCHSHMP) Incident Response Team received a request from Richmond Fire Department Dispatch to respond to an oleum leak occurring at the ChemTradeWest LLC Richmond facility located at 525 Castro Street in Richmond, CA. At the time of initial notification, the quantity and location of oleum released was unknown. CCHSHMP Hazardous Materials Specialists (HMS) Dwight, Asunscion, Abramians, and Ackerman responded to the scene in HM1 and HM3 at 9:47 AM, arriving on scene at 10:18 AM.

ChemTrade representatives Mike Shephard (Plant Manager) and Andrew (Environmental Health and Safety Supervisor) debriefed CCHSHMP personnel upon arrival on scene. The oleum release occurred from a process safety vent on a pipeline located between a heat exchanger and a storage tank. The release was attributed to a failure of a flange connection, which released a still unknown amount of oleum into the atmosphere and into secondary containment. ChemTrade personnel shut off the feeds and pump system to the oleum production system which stopped the release. They circulated 99% sulfuric acid within the piping to knock down the fuming sulfuric acid. The material that remained in the secondary containment was no longer fuming at the time of CCHSHMP's arrival on site.

The temperature of the oleum when released was 141 degrees Fahrenheit and the pressure in the piping system was 30 psi or less. The presence of morning fog in the area made it difficult to determine how much of the fuming sulfuric acid formed a cloud and may have traveled offsite as it was difficult to distinguish between the material and the fog. ChemTrade requested that the Richmond Police Department close Castro Street as the wind direction at the time of the release was slightly to the west. Richmond Fire Department reported no complaints were received from the community; the only call they received was from the ChemTrade facility.

ChemTrade personnel were in the process of calculating the amount released and planned to conduct clean up operations the same day. No entry was performed by the fire departments or CCHSHMP. CCHSHMP requested a 72 hour report and notification prior to start up of the oleum production system.

CCHSHMP departed the site at 10:53 AM and arrived at the Bay at 11:30 AM.

**Additional Required Items: Bill of Lading, Request for Invoice, and Site Safety Plan**

Report Prepared by: S. Dwight



**Hazardous Materials Spill Report: Cal OES Control #:18-0053**  
Warning Center to: sara.dwight

01/04/2018 11:22 AM

Governor's Office of Emergency Services  
Hazardous Materials Spill Report

DATE: 01/04/2018 | RECEIVED BY Cal OES: Brianna Evans | Cal OES  
CNTRL #:18-0053  
TIME: 1108 | RECEIVED BY OSPR: | NRC#:1201077

1.a. PERSON NOTIFYING Cal OES

1. NAME: XXX | 2. AGENCY: NRC  
3. PHONE #: 800-424-8002 | 4. EXT: | 5. PAGER #:

1.b. PERSON REPORTING SPILL (If different from above):

1. NAME: ANDREW HORNBECK | 2. AGENCY: CHEMTRADE LOGISTICS  
3. PHONE #: 973-650-0257 | 4. EXT: | 5. PAGER #:

2. SUBSTANCE TYPE:

a. SUBSTANCE: / b.QTY: / Amount / Measure / c. TYPE / d. OTHER / e.  
PIPELINE / f. Vessel Over => 300 tons

1. SULFUR TRIOXIDE / = / 100 / Lbs. / VAPOR / / No / No

2.

3.

g. DESCRIPTION: PER NRC "CALLER IS REPORTING A LEAKING PIPE RESULTED IN  
A RELEASE OF SULFUR  
TRIOXIDE."

REMEDIAL ACTION: UNDERWAY.

h. CONTAINED: Unknown | i. WATER INVOLVED: No  
j. WATERWAY: N/A | k. DRINKING WATER IMPACTED: No  
l. KNOWN IMPACT: None

3.a. INCIDENT LOCATION: 525 CASTRO ST  
b. CITY: Richmond | c. COUNTY: Contra Costa County | d. ZIP:

4. INCIDENT DESCRIPTION:

a. DATE: 1/4/2018 | b. TIME(Military): 0905 | c. SITE: Other |  
d. CAUSE: Broken Pipe  
e. INJURIES: No | f. FATALITY: No | g. EVACUATIONS: No | h.  
CLEANUP BY: Unknown  
e. INJURIES #: | f. FATALS #: | g. EVACS #:

5. SUSPECTED RESPONSIBLE PARTY:

a. NAME: ANDREW HORNBECK | b. AGENCY: CHEMTRADE LOGISTICS  
c. PHONE#: 973-650-0257 | d. EXT:  
e. MAIL ADDRESS: 525 CASTRO ST  
f. CITY: RICHMOND | g. STATE: CA | h. ZIP:

6. NOTIFICATION INFORMATION:

a. ON SCENE: | b. OTHER ON SCENE:  
c. OTHER NOTIFIED:  
d. ADMIN. AGENCY: Contra Costa County Health Services Department  
e. SEC. AGENCY:  
f. ADDITIONAL COUNTY: g. ADMIN. AGENCY:  
h. NOTIFICATION LIST: DOG Unit: | RWQCB Unit: 2

AA/CUPA, DTSC, RWQCB, US EPA, USFWS, AIR RESOURCES BD, CDPH-D.O., Co/E-Hlth

CONFIDENTIAL REMARKS:

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Created by Warning Center on 1/4/2018 11:08:58 AM Last  
Modified by Warning Center on 1/4/2018 11:21:46 AM

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California State Warning Center  
Governor's Office Emergency Services  
Phone: (916) 845-8911  
Warning.Center@oes.ca.gov

Link to Spill Report:  
[https://urldefense.proofpoint.com/v2/url?u=http-3A\\_w3.calema.ca.gov\\_operation\\_al\\_malhaz.nsf\\_SpillAllDocs\\_CB2493B5A815D2818825820B00693114-3FOpenDocument&d=DwIBAg&c=RpR9LiQNIoGO8A8CMgA1NQ&r=qVkjMAMqbepWdsFn-8PQQc4YzK0tb6PswdcJBcQlmfI&m=R4-9zZ7ezB8ZrMEJsrP6hOe6iLfhmm8BrQD804hiioU&s=Q1\\_v9VU3rfLj7eRq0enKZ53QgfWom8aNI1SR43z0-0I&e=](https://urldefense.proofpoint.com/v2/url?u=http-3A_w3.calema.ca.gov_operation_al_malhaz.nsf_SpillAllDocs_CB2493B5A815D2818825820B00693114-3FOpenDocument&d=DwIBAg&c=RpR9LiQNIoGO8A8CMgA1NQ&r=qVkjMAMqbepWdsFn-8PQQc4YzK0tb6PswdcJBcQlmfI&m=R4-9zZ7ezB8ZrMEJsrP6hOe6iLfhmm8BrQD804hiioU&s=Q1_v9VU3rfLj7eRq0enKZ53QgfWom8aNI1SR43z0-0I&e=)



**Hazardous Materials Spill Update: Cal OES Control #:18-0053**  
Warning Center to sara.dwight

01/04/2018 11:58 AM

Governor's Office of Emergency Services  
Hazardous Materials Spill Update

CONTROL #: 18-0053 NRC#: 1201077

NOTIFY DATE/TIME: 01/04/2018 / 1108

RECEIVED BY: Brianna Evans | OCCURENCE DATE/TIME:1/4/2018 /  
0905

CITY/OP. AREA: Richmond/Contra Costa County

1.a. PERSON NOTIFYING Cal OES

PERSON CALLING Cal OES: XXX | AGENCY: NRC  
PHONE #: 800-424-8002 | EXT: | PAGER #(CELLPHONE):

1.b. PERSON REPORTING SPILL (If different from above):

PERSON CALLING Cal OES: ANDREW HORNBECK | AGENCY: CHEMTRADE  
LOGISTICS

PHONE #: 973-650-0257 | EXT: | PAGER #(CELLPHONE):

SUBSTANCE TYPE:

a. SUBSTANCE: / b.QTY: Amount / Measure / c. TYPE / d. OTHER / e.  
Pipeline / f. Vessel Over => 300 tons

1. SULFUR TRIOXIDE / 100 / Lbs. / VAPOR / / No / No

2.

3.

4.

Original Description: PER NRC "CALLER IS REPORTING A LEAKING PIPE RESULTED  
IN A RELEASE OF SULFUR  
TRIOXIDE."

REMEDIAL ACTION: UNDERWAY.

Update(s):

PERSON NOTIFYING Cal OES OF SPILL UPDATE:

NAME: ANDREW HORNBECK | AGENCY: CHEMTRADE LOGISTICS  
PHONE #: 973-650-0257 | EXT: | PAGER #(CELLPHONE):

UPDATE QUANTITY:

1. Amount: Lbs.  
2. Amount:  
3. Amount:  
4. Amount:

UPDATE RECEIVED BY: Brianna Evans

UPDATE KNOWN IMPACT:  
UPDATE CAUSE:  
SITUATION UPDATE: Caller states material is no longer releasing.

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CONFIDENTIAL:

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FAX NOTIFICATION LIST: AA/CUPA, DTSC, RWQCB, US EPA, USFWS, AIR  
RESOURCES BD, CDPH-D.O., Co/E-Hlth  
ADMINISTERING AGENCY: Contra Costa County Health Services Department  
SECONDARY AGENCY:  
OTHER NOTIFIED:

Created by Warning Center on 1/4/2018 11:57:13 AM Last  
Modified by Warning Center on 1/4/2018 11:58:27 AM

California State Warning Center  
Governor's Office of Emergency Services  
Phone: (916) 845-8911  
Warning.Center@oes.ca.gov