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CONTRA COSTA
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COMPLAINT, INCIDENT, AND NOTIFICATION REPORT FORM

Type (Circle One): C I N

CASE NUMBER: 211014 -01

Received Date: 10/14/21 Received Time: 1:23 PM Received By: IW Lead: IW
 Incident Date: 10/14/21 Incident Time: 13:00 Assigned to: Assigned Date:

COMPLAINANT / REPORTING PARTY:

Name: DISPATCH RP is from Facility Anonymous
 Organization: CCCFPD Cal OES # (if applicable)
 Primary Phone Number: 925-941-9300 Secondary Phone Number:
 Email:
 Address:
 City: State: Zip Code:

FACILITY / LOCATION OF INCIDENT:

Name: CUPA Facility I.D.:
 Phone Number:
 Address: 7000 ORWOOD RD Unit:
 City: BRENTWOOD State: CA Zip Code: 94513
 Location Description: C/S FALLMAN RD

INITIAL INCIDENT DESCRIPTION:

FIRE ON-SITE, ECCFPD REQUESTING ASSISTANCE, AMMONIA-LIKE ODORS

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

Time Enroute to Scene: 13:49 Time Arrived On Scene: 14:35 Time Departed From Scene: 16:30

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:**

<u>Agency Type</u>	<u>Agency</u>	<u>O/N</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>Case Number</u>
Fire Department	ECCFPD	O	BC Jeff Burris		21113324
Law Enforcement					
Air District					
State OES					
	Kinder Morgan	O			
	EBMUD	O			
	BNSF	N			

REPORT:

10/14/21

13:23 CCHS-HMP received a page from Contra Costa County Fire Protection District (CCCFPD) Dispatch regarding a vegetation fire near 7000 Orwood Road in Brentwood, CA.

Latitude: 37.939064, Longitude: -121.583968

13:28 I. Williams of CCHS-HMP contacted CCCFPD Dispatch by phone. East Contra Costa Fire Protection District was requesting CCHS-HMP to respond to a vegetation fire near 7000 Orwood Road in Brentwood. Contact information for BC Burris on scene given.

13:30 I. Williams contacted BC Burris by phone. ECCFPD requested assistance CCHS-HMP due to strong ammonia odors being experienced by firefighters on scene at the vegetation fire. BC requested assistance in air monitoring/identification. The fire was next to the water canal, Kinder Morgan pipeline, and BNSF railway. All three agencies had been notified.

13:35 I. Williams activated the Incident Response Team by page. I. Williams and N. Umemoto to respond in vehicle HM1. Team prepped vehicle.

13:49 HM1 departed truck bay for scene.

14:35 HM1 on scene. I. Williams met with BC Burris at the Incident Command Post (ICP) upwind of brush fire. Qrae 4-GAS monitors (O2, CO, H2S, LEL) and Industrial Scientific GasBadge Pro Ammonia monitors (0-500ppm range) started up and fresh-air calibrated at ICP. Safety meeting held. IR Team donned half-face scott cartridge respirator masks.

14:45 CCHS-HMP entered access road South of the water canal. BC Burris showed the team the location where the firefighters had been experiencing the ammonia odors- approximately 1200' East down the access road from Orwood road. Strong winds out of the North.

15:00 -16:00 In the targeted investigation area (see map), CCHS-HMP observed Ammonia GasBadge readings of between 0ppm and 14ppm along the access road. Readings were observed between 0ppm and 20ppm under the aqueduct, and as the team moved North to the access road North of the aqueduct to between 5ppm and 28ppm. Entering the South edge of the marsh within the burn area, readings increased to between 15ppm and 60ppm. The team was only able to enter the marsh approximately 30 feet, as the marsh was still smoldering.

CCHS-HMP walked back West up the North access road to Orwood road, and then East on Orwood road to get readings directly North of the investigation area. All GasBadge readings were 0ppm. The team concluded that the ammonia odor and readings appeared to be generating from the burned marshland upwind of the investigation area.

16:20 CCHS-HMP contacted BC Burris by phone and discussed the teams findings. Signs and symptoms of ammonia and arsenic exposure were discussed. CCHS-HMP advised that all personnel should stay upwind of the affected area if at all possible, or employ respiratory protection. A limited time was needed in this areas to open the aqueduct and put out spot fires. CCHS-HMP agreed to return and try to determine whether there was a spot source for the ammonia levels experienced, or whether it was a natural generated from the burning of the marsh peat, detritus, or chaparral.

16:30 HM1 departed scene for office.

17:30 HM1 back at office.

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CONTINUED...

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

Report Prepared by:



DTSC STATE FUNDING (if applicable):

CLU/ERER Number:

STORMWATER STATUS (if applicable): Actual Discharge Potential Discharge**AGENCIES ON SCENE OR NOTIFIED:**

<u>Agency Type</u>	<u>Agency</u>	<u>O/N</u>	<u>Contact Person</u>	<u>Phone Number</u>	<u>Case Number</u>
Fire Department	ECCFPD	O	BC Jeff Burris		21113324
Law Enforcement					
Air District					
State OES					
	Kinder Morgan	O			
	EBMUD	O			
	BNSF	N			

REPORT:

CONTINUED...

10/15/21

08:00 - 08:45 I. Williams walked the affected area. Winds out of the North. Ammonia GasBadge readings were 0ppm along South access road, 0ppm to 3ppm under the aqueduct, 0ppm to 5ppm along the North access road. Inspector walked approximately 50 feet into the burned marsh. Readings 50 feet into the burned marsh area were between 0ppm and 16ppm. The marsh was observed still smoldering.

10/18/21

12:00-12:30 I. Williams walked the affected area. Winds out of the Northwest. Ammonia GasBadge readings were 0ppm along South access road, 0ppm to 0ppm under the aqueduct, 0ppm to 3ppm along the North access road. Inspector walked approximately 60 feet into the burned marsh. Readings 60 feet into the burned marsh area were between 0ppm and 10ppm. The marsh was observed still smoldering.

10/22/21

09:00-9:30 I. Williams walked the affected area. Winds out of the North. Ammonia GasBadge readings were 0ppm along South access road, under the aqueduct, and along the North access road. Inspector walked approximately 60 feet into the burned marsh. Readings 60 feet into the burned marsh area were between 0ppm and 4ppm. The marsh was observed still smoldering, warm to the touch.

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Report Prepared by:

