

ENTERED

COMPLAINT, INCIDENT, AND NOTIFICATION REPORT FORM

Type (Circle One): C I N

CASE NUMBER: 18-04-24 - 01

Received Date: 04/24/18 Received Time: 3:11 AM Received By: SD Lead: SD

Incident Date: 4/24/18 Incident Time: 12:55 AM Assigned to: Assigned Date:

COMPLAINANT / REPORTING PARTY:

Name: Chief Carman RP is from Facility Anonymous

Organization: Con Fire Dispatch / Sheriff Dispatch

Primary Phone Number: 925-933-1313 / 925-646-2441 Secondary Phone Number:

Email:

Address:

City: State: Zip Code:

FACILITY / LOCATION OF INCIDENT:

Name: CUPA Facility I.D.:

Phone Number:

Address: Clayton Rd & Galindo St (command post location) Unit:

City: Concord State: CA Zip Code: 94520

Location Description: Construction site

INITIAL INCIDENT DESCRIPTION:

Structure fire at construction site; air monitoring support requested

INCIDENT TYPE / DESCRIPTION:

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

FACILITY	ISO / MCAR	TRANSPORTATION	MISCELLANEOUS
<input checked="" type="checkbox"/> Fire or Explosion	<input type="checkbox"/> Fatality (one or more)	<input type="checkbox"/> Tank Truck	<input type="checkbox"/> Storm Drain/Creek
<input 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: 4:18 AM Time Arrived On Scene: 4:28 AM Time Departed From Scene: 11:00 AM

REFERRED TO OTHER AGENCY:



DTSC STATE FUNDING (if applicable): CLU/ERER Number:	STORMWATER STATUS (if applicable): <input type="checkbox"/> Actual Discharge <input type="checkbox"/> Potential Discharge
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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	Con Fire	O	Asst Chief McAllister	925-383-5003	
Law Enforcement					
Air District					
State OES					

REPORT:

On April 24, 2018 at 3:11 AM, Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) Incident Response Team received a page from Con Fire Dispatch requesting air monitoring and public health messaging assistance at a large structure fire in Concord, CA. A large building under construction that covered an area the size of a city block was on fire.

CCHS HMP Hazardous Materials Specialists (HMS) Duazo, Heller, and Pham mobilized in HM1 and HMS Friedman and Lewis mobilized in HM2 to the Con Fire command post located at Clayton Rd. and Galindo St. in Concord and arrived on scene at 4:28 AM. HMS Duazo was stationed at the command post to act as a liaison. HM1 and HM2 performed air monitoring in vicinity of the fire using a photo ionization detector (PID), 4 gas meter, and particulate meter (HM1 only). HMS Dwight, Randy Sawyer, and Matt Kaufmann staffed the BOC at the CCHS HMP office.

CCHS HMP focused initial air monitoring efforts in the immediate vicinity of the fire, including sensitive receptors such as schools and health care facilities. A public health advisory was issued for the downtown Concord area based on air monitoring results. The Renaissance apartment complex adjacent to the fire had been evacuated. A maximum of 37 parts per million carbon monoxide was detected at the command post during firefighting efforts when CCHS HMP first arrived on scene. CCHS HMP conducted air monitoring at locations including John Muir Hospital, Mount Diablo High School, health care facilities at 1800 and 1870 Adobe Street, Todos Santos Plaza, and Beginnings and Beyond Preschool. CCHS HMP also conducted air monitoring on streets within a 1-mile radius of the fire. Wind direction varied during the response. In general, no readings above background were observed on the PID or 4-gas meter. The most elevated particulate readings were observed once the fire had been largely extinguished. At that point the smoke remained lower and yielded particulate readings (PM 2.5) of up to 1,000-2,000 micrograms per cubic meter (ug/m3) but these readings were not sustained for more than a couple minutes immediately downwind of the fire. Most PM 2.5 readings in the vicinity of the fire were in the 30-50 ug/m3 range.

Once air monitoring readings had stabilized and the fire was largely extinguished, the health advisory was lifted. HM2 demobilized from the scene at 6:59 AM. HMS Duazo attended a command post briefing at 8:00 AM. CCHS HMP also prepared an ash/debris cleanup advisory for the City of Concord to provide to residents.

CCHS HMP continued to air monitor the perimeter of the fire suppression work area throughout the morning. PM 2.5 readings were in the 30-60 ug/m3 range. Intermittent smoke from fire suppression on hot spots was present but sustained levels observed earlier in the morning were not observed. HM1 demobilized from the scene at 11:00 AM.

The BOC timeline of events is attached to this report.

On April 26 and 27, 2018, CCHS HMP HMS A. Springer, M. Duazo, L. Friedman, and N. Umemoto provided air monitoring support during building demolition activities at the fire location.

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

Report Prepared by: S. Dwight