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CONTRA COSTA
HEALTH SERVICES



COMPLAINT, INCIDENT, AND NOTIFICATION REPORT FORM

Type (Circle One): C I N

CASE NUMBER: 170122 - 02

Received Date: 01/22/17 Received Time: 11:26 Received By: TA Lead: TA

Incident Date: 01/22/17 Incident Time: Assigned to: Assigned Date:

COMPLAINANT / REPORTING PARTY:

Name: CON FIRE DISPATCH RP is from Facility Anonymous

Organization:

Primary Phone Number: (925) 933-1313 Secondary Phone Number:

Email:

Address:

City: State: Zip Code:

FACILITY /LOC ATION OF INCIDENT:

Name: CUPA Facility I.D.:

Phone Number:

Address: 2206 MANDARIN WAY Unit:

City: ANTIOCH State: CA Zip Code: 94509

Location Description: RESIDENTIAL STREET

INITIAL INCIDENT DESCRIPTION: MERCURY SPILL ON STREET (SOURCE UNKNOWN)

INCIDENT TYPE / DESCRIPTION:

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

FACILITY	ISO /MC AR	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: 1217 Time Arrived On Scene: 1230 Time Departed From Scene: 1342

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	Con Fire	0	Capt. Sydney Jacket	(925) 260-3470	
Law Enforcement	Antioch PD	0	- released by Con Fire prior to the Mat's arrival		
Air District					
State OES					

REPORT:

SEE ATTACHED NARRATIVE.

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


Report Prepared by: Trisha Asuncion
 1/23/17



CONTRA COSTA
HEALTH SERVICES

INCIDENT REPORT

January 23, 2017

PREPARED BY: Trisha Asuncion, Hazardous Materials Specialist II
Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) 

INCIDENT NO. 170122-02

INCIDENT DATE: January 22, 2017

LOCATION: Residential Street
2206 Mandarin Way
Antioch, CA 94509

RESPONDING

TEAM MEMBER(S): Trisha Asuncion (lead), David LeCount, John Pham, Daniel Vazquez

INCIDENT BACKGROUND

CCHSHMP had responded to a similar incident on December 22, 2016 in the vicinity of this new incident. The first mercury spill/release incident was located at/around 2324 Mandarin Way in Antioch. Please refer to Incident Report #161222-01.

NARRATIVE

The initial call to CCHSHMP was made by Contra Costa County Fire (Con Fire) Dispatch at 1126 hours. On-call Lead Trisha Asuncion contacted Con Fire Dispatch to gather more information about the incident. Dispatch provided Engine 85 Captain Sydney Jacket's number who was on scene. Captain Jacket described that there were small mercury spills on the residential street, and looked as a whole appeared minor, but covered an approximate 15 ft. x 10 ft. area. She also mentioned that per the Antioch Police Department (APD), who was also on scene at the time, that this happened again earlier on the same street, in reference to Incident #161222-01. There is no evidence of a broken container that may have contained the mercury; so at this time, the source of the mercury is unknown.

Asuncion requested three (3) Haz Mat Incident Response Team members to respond; LeCount, Pham, and Vazquez were dispatched to meet at the office. Devra Lewis volunteered to cover lead duties for Asuncion while she is on the response.

The responding team members loaded HM3/6868 with the mercury vacuum and the Jerome mercury detection device. The team departed from the office at 1217 hours and arrived on scene at 1230 hours. Con Fire had coned off one of the larger spills of mercury. The location of the small spills were in front of a residential duplex at 2206/2208 Mandarin Way. Prior to CCHSHMP's arrival, Engine 85 had relieved APD from the scene. CCHSHMP conducted air monitoring with the use of the QRae, PID, and Jerome/Mercury around the area where there was observable spills of mercury. CCHSHMP observed three (3) small areas with observable mercury on the road. At 1235 hours, CCHSHMP relieved Engine 85 from scene as well. The wind direction at the time was coming from the south-west. At 1235, CCHSHMP released Con Fire Engine 85 from the scene.



For the clean-up, the following members were assigned these positions:

Asuncion – Haz Mat Group Supervisor/Entry Team Leader/Site Access Control

LeCount – Entry Team

Pham – Entry Team

Vazquez – Assistant Safety Officer/Tech Ref/Site Access Control

Vazquez recommended that the Entry Team (LeCount and Pham) don Level C with APR (air-purifying respirator) with mercury-specific cartridges. Clean-up would be facilitated with the use of the mercury vacuum until there is no more observable mercury on the road/in the asphalt. The mercury vacuum retrieved power from HM3. Prior to entry, Asuncion and Vazquez held a pre-entry safety briefing in which the hazards of mercury, other safety hazards, and the entry objectives were discussed.

LeCount and Pham entered the exclusion zone at 1300 hours. At 1328 hours, clean-up of the three areas, where there was observable mercury, was completed. Readings for mercury on the Jerome were taken pre- and post-entry, but the Team discussed that the numbers may be unreliable. It was understood that elevated readings of mercury in the air were due to the stirring-up of the air from vacuum. The IDLH for mercury is 10 mg; the readings never reached a point when it approached IDLH.

LeCount transferred the collected mercury and asphalt to a 16-ounce glass jar and placed the jar in a plastic bag. The Team departed from the scene at 1342. After the Team arrived at the office, a hazardous waste label was placed on the container with the mercury and subsequently placed in the “POISON” compartment of the hazardous waste shed.

OTHER PERSONNEL ON SCENE/NOTIFIED

Captain Sydney Jacket, Con Fire Engine 85, (925) 260-3470

Antioch Police Department (released by Engine 85 prior to CCHSHMP’s arrival to scene)

ATTACHMENT(S)

1/22/17 photos taken by Trisha Asuncion