

**ATTACHMENT C
30-DAY FOLLOW-UP NOTIFICATION REPORT FORM
CONTRA COSTA HEALTH SERVICES HAZARDOUS
MATERIALS PROGRAMS**

INSTRUCTIONS: A hardcopy and an electronic copy of this report is to be submitted for all Public Health Advisory – Level 2 and Public Protective Actions Required – Level 3 incidents or when requested by CCHSHMP. See Attachment C-1 for suggestions regarding the type of information to be included in the report. Attach additional sheets as necessary. This form is also to be used for update reports after the initial 30-day report has been submitted. Forward the completed form to:

ATTENTION:
Hazardous Materials Programs Director
Contra Costa Health Services Hazardous
Materials Programs 4585 Pacheco Boulevard,
Suite 100
Martinez, CA 94553

INCIDENT DATE: 2023-10-06
INCIDENT TIME: 11:31 AM
FACILITY: Martinez Refining Company LLC

PERSON TO CONTACT FOR ADDITIONAL INFORMATION

Michael Marlowe
Phone number (925) 313-3705

PROVIDE ANY ADDITIONAL INFORMATION THAT WAS NOT INCLUDED IN THE 72- HOUR REPORT WHEN THE 72-HOUR REPORT WAS SUBMITTED, INCLUDING MATERIAL RELEASED AND ESTIMATED OR KNOWN QUANTITIES, COMMUNITY IMPACT, INJURIES, ETC.:

I. INCIDENT INVESTIGATION RESULTS

Is the investigation of the incident complete at this time? : Yes No

If the answer is no, when do you expect completion of the Investigation?

If the answer is yes, complete the following:

SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:

On September 27, 2023, the Flexicoker Unit began shutting down for an unscheduled maintenance outage. As part of the unit shutdown, Operations attempted to de-inventory the

For CCHSHMP Use Only:

Received By: _____

Date Received: 5/31/24

Incident Number: 23100601

Copied To: _____

Event Classification Level: 1

Tertiary Cyclone Drum (V-1013). Based on multiple level indications, pressure indications, and temperature indications, operators believed that the Dry Fines had been removed from V-1013.

On October 6, 2023, at approximately 10:20 AM, maintenance crafts began removing the final four bolts on manway 59 on V-1013 per the job work permit. After removing the bottom two bolts, a small quantity of Dry Fines was released, which was suppressed with water sprayed from a hose. Maintenance crafts continued removing the manway, and at approximately 10:30 AM, there was an unanticipated release of Dry Fines (Petroleum Coke). The release was stopped at 10:59 AM when the manway was secured.

The release resulted in a unit evacuation, response by the facility response personnel, and a CWS Level 1 notification. Three employees were taken to the Refinery Medical Center for observation before being cleared to return to work.

SUMMARIZE PREVENTATIVE MEASURES TO BE TAKEN TO PREVENT RECURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION:

1. Update the shutdown procedures to include manual verification that V-1013 is empty prior to opening manway 59.
2. Modify procedure FXU-2126 (RHG and Main Fractionator Manway Opening) by changing the warning under “Supporting Information” regarding the manway opening sequence to a Warning or Caution statement, placed at the appropriate steps in the procedure.
3. Consider alternative level indication for V-1013 (for example, nuclear level indication or radar gauges similar to what is installed on V-1021, Dry Fines Silo).
4. Consider updating the Turnaround work plan to include manual verification that the vessel is de-inventoried, and Dry Fines are removed before opening manway 59.

STATE AND DESCRIBE THE ROOT-CAUSE(S) OF THE INCIDENT:

Dry Fines were present in V-1013 above Manway 59.