

**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: 2023-12-17
INCIDENT TIME: 16:06
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? : X Yes No

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

NA

If the answer is yes, complete the following:

For CCHSHMP Use Only:

Received By: [Signature]

Date Received: 9/30/24

Incident Number: 23121701

Copied To:

Event Classification Level: 1

SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:

On 12/15/23, MRC experienced a Boiler shutdown that resulted in the loss of 650 psig steam pressure to the site and required the emergency shutdown or reduced operation of most of the refinery's process units. The various process upsets resulted in the diversion of process gas to all of the refinery's emergency hydrocarbon flares to bring the various refinery units down to a safe condition. During the incident, a Process Safety Vent (PSV) opened prematurely to the Clean Fuels (CF) flare header, which resulted in condensed accumulated hydrocarbon liquid in the Clean Fuels ground flare knockout pot and water seal. On 12/17/23, during a related flaring event, the layer of liquid hydrocarbon in the knockout pot was forced by flare header pressure into the ground flare and ignited around the East end of the flare field, resulting in black smoke and a minor brush fire immediately adjacent to the flare field. This fire was subsequently extinguished by MRC's fire crew.

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

Add a critical alarm on high-level in the Flare Dry Compartment. Include operator action to pump out the dry compartment and include the reason for the new alarm in the training as it is important to keep the dry compartment empty to reduce the likelihood of blowing liquid to the flare. Set High and high-high alarm(s) to prevent re-occurrence.

The brush adjacent to the flare field was removed and will be maintained further from the flare field moving forward.

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

There was liquid in the "dry" section of the seal pot for the CF flare that was not emptied, and there was no alarm to inform operators of the presence of liquid in this area of the knockout pot.

Brush had grown to close to the flare field.