



TESORO

Tesoro Refining & Marketing Company LLC
Martinez Refinery
150 Solano Way
Martinez, CA 94553-1487

July 24, 2019

Via Hand Delivery to CCC Health Services

Mr. Randall Sawyer
Chief Environmental Health and Hazardous Materials Officer
Contra Costa County Health Services Department
4585 Pacheco Blvd. Suite 100
Martinez, CA 94553

RECEIVED

JUL 24 2019

**Contra Costa Health
Hazardous Materials**



SUBJECT: 72-Hour Report: July 21, 2019 Incident

Dear Mr. Sawyer:

Attached is the Marathon Petroleum 72-hour report regarding the incident which occurred at Marathon's Martinez Refinery on July 21, 2019. The report meets the requirements in the "Hazardous Materials Incident Notification Policy" issued on January 22, 2016

If you need any further information or have any questions, please contact me at (925) 370-3275.

Sincerely,


June Christman
Environmental Supervisor

CHM/kds

Attachment: 72-Hour Follow-up Notification Form

cc: Raymond Salalila, Air Quality Inspector, BAAQMD
Miguel Zepeda, Air Quality Inspector, BAAQMD
Cho Nai Cheung, CCCHSD

ATTACHMENT B
72 HOUR FOLLOW-UP NOTIFICATION REPORT FORM
CONTRA COSTA COUNTY HEALTH SERVICES DEPARTMENT REPORT

INSTRUCTIONS: This report is to be submitted for all Level 2 and 3 incidents or when requested by CCCHSD. See Attachment B-1 for suggestions regarding the type of information to be included in the report. Attach additional sheets, as necessary. Forward the completed forms to:

ATTENTION: Randall Sawyer
Chief Environmental Health and Hazardous Materials Officer
Certified Unified Program Agency
Contra Costa County Health Services Department
Hazardous Materials Division
4585 Pacheco Blvd. Suite 100
Martinez, CA 94553

INCIDENT DATE: July 21, 2019
INCIDENT TIME: 6:32 PM
FACILITY: Marathon Martinez Refinery

PERSON TO CONTACT FOR ADDITIONAL INFORMATION:

June Christman *Environmental Supervisor* *(925) 370-3275 (Office)*
(925) 372-3179 (Fax)

I. SUMMARY OF EVENT:

The incident started at 6:32 PM on July 21st, with internal notification to Marathon's Shift Superintendent. Operations communicated that both wet gas compressors at #5 Gas Plant tripped off-line, which automatically caused both flare gas recovery compressors to shut down. This triggered a flare event at our main flare system, causing the SO₂ release. The shift organization immediately began to reduce unit rates, and another wet gas compressor at #4 Gas Plant was brought online to handle the wet gas load. At this point, Operations were able re-start both wet gas compressors at #5 Gas Plant, then the flare gas recovery compressors, and flaring ceased at 7:01

II. AGENCIES NOTIFIED:

The following is a summary of the initial agency notifications made by Marathon:

Community Warning System activation (Level 1)	1832
CCCHSD Call back received	1921
Cal-OES for SO ₂ RQ exceedance (Report# 19-4660)	1929

[Note: Notifications over the CWS terminal]

III. AGENCIES RESPONDING:

The following governmental agency personnel responded to the incident and/or attended a briefing on the incident:

Contra Costa County Health Services Department – Agency call back – Amanda Ackerman

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IV. EMERGENCY RESPONSE ACTIONS:

No emergency response organization actions were required. Additional process actions were taken to minimize the flaring and restart the wet gas compressors and subsequently the flare gas recovery compressor.

V. IDENTITY OF MATERIAL RELEASED AND ESTIMATED OR KNOWN QUANTITIES:

The material released was Sulfur Dioxide from the flaring. The release amount was estimated at 1760 lbs., which exceeds the Reportable Quantity of 500 lbs.

VI. METEOROLOGICAL CONDITIONS AT TIME OF EVENT including wind speed, direction and temperature:

The weather was clear, sunny and dry on 7/21/2019. The average wind speed and direction, during the flaring event was 9 mph and 272 degrees respectively (wind direction primarily from the Northwest). The temperature was about 76 degrees F.

VII. INJURIES:

None.

VIII. COMMUNITY IMPACT:

None

IX. INCIDENT INVESTIGATION RESULTS:

Is the investigation complete at this time? _____ Yes, X No

X. SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:

The multi-discipline incident investigation team was initiated on July 22, 2019 to begin the root cause analysis. They have not yet completed their investigation as of date of this report.

XI. SUMMARIZE PREVENTATIVE MEASURES TO BE TAKEN TO PREVENT RE-OCCURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION:

The incident investigation team was initiated on July 22, 2019 to begin the root cause analysis. They have not yet completed their investigation, but the preventative measure identified in the investigation will be reported in the 30-day follow-up report submitted to the County.