

Shell Oil Products US



Martinez Refinery
P.O. Box 711
Martinez, CA 94553-0071

July 9, 2018

Via hand delivery to CCC Health Services

Randall L. Sawyer
Chief Environmental Health and Hazardous Materials Officer
Contra Costa Hazardous Materials Programs
4585 Pacheco Boulevard, Suite 100
Martinez, CA 94553

Re: 72-Hour Report for 07/06/18 Incident

Dear Mr. Sawyer,

As requested by Contra Costa County Health Services, attached is the 72-Hour report regarding the incident which occurred at Shell Martinez Refinery on July 6, 2018. This report meets the requirements in the "Hazardous Materials Incident Notification Policy" dated January 22, 2016.

If you have any questions, please contact Ha Nguyen at 925-313-3079 or via email at ha.nguyen@shell.com or Nicola Maher at 925-313-8686 or via email at Nicola.Maher@cri-criterion.com

Sincerely,

Handwritten signatures of Ha Nguyen and Nicola Maher in black ink.

Ha Nguyen and Nicola Maher
Process Safety Manager and transitioning Process Safety Manager

Attachment: 72-Hour Follow-up Notification Report Form

CC: ChoNai Cheung, CCCHSD
Michael Dossey, CCCHSD

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

For CCHS Use Only:

Received By: _____
Date Received: _____
Incident Number: _____
Copied To: _____
Event Classification Level: _____

INSTRUCTIONS: A hardcopy and an electronic copy of this report is to be submitted for all Level 2 and 3 incidents or when requested by CCHS. 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 form to:

ATTENTION: Randall L. Sawyer
Chief Environmental Health and Hazardous Materials Officer
Contra Costa Hazardous Materials Programs
4585 Pacheco Boulevard, Suite 100
Martinez, CA 94553

INCIDENT DATE: July 06, 2018
INCIDENT TIME: 1:00 am (approximately)
FACILITY: Shell Martinez Refinery

PERSON TO CONTACT FOR ADDITIONAL INFORMATION

Ha Nguyen Phone Number: 925-313-3079
Nicola Maher Phone number: 925-313-8686

I. SUMMARY OF EVENT:

At approximately 1:00 am, on July 06, 2018, the refinery instrument air system experienced a drop in pressure that caused flaring at the LOP flare. During the upset the LOP flare pilots were extinguished and unable to be relit.

Separately, at approximately 2:20am a small lube oil fire was reported in the hydrocracker unit, forcing the shutdown of that unit. At approximately 3:20am, during the hydrocracker shutdown, the flaring resumed at the LOP flare and flare pilots continued to be unlit. By 3:45am depressurization of the hydrocracker was stopped, unit stabilized and flaring stopped. Flare pilots were relit by 08:45am.

Refinery staff notified local agencies during the event as described below

II. AGENCIES NOTIFIED, INCLUDING TIME OF NOTIFICATION:

The following agencies were notified by phone at the times listed below:

- Contra Costa County Health Services: 1:15 am CWS Level 1 notification by phone; 2:40 am via CWS Level 1 notification and by phone and upgraded to CWS Level 2 at 3:40 am
- Bay Area Air Quality District: CWS Level 1 notification by phone at 1:20 am; 3:00 am via CWS Level 1 notification and by phone and upgraded to CWS Level 2 notification at 3:40 am
- Martinez Police Department: CWS Level 1 notification by phone at 1:15 am; 2:45 am via CWS Level 1 notification and by phone and upgraded to CWS Level 2 notification at 3:40 am
- CCC Sheriff Department: CWS Level 1 notification by phone at 1:15 am; 2:45 am via CWS Level 1 notification and by phone and upgraded to CWS Level 2 notification and by phone at 3:40 am
- Consolidated Fire: CWS Level 1 notification by phone at 1:15 am; 2:45 am via CWS Level 1 notification and by phone and upgraded to CWS Level 2 notification at 3:40 am

72-HOUR REPORT, PAGE 2

INCIDENT DATE: July 6, 2018

FACILITY: Shell Martinez Refinery

III. AGENCIES RESPONDING, INCLUDING CONTACT NAMES AND PHONE NUMBERS:

CCHS Department – Melissa Hagan, Robert Long, Nicole Heath(925-335-3200)

CalOSHA – Amir Fadlallah, Kathy Spack, Clement Hsieh (925-602-2665)

BAAQMD – Salvador Rueda (415-749-5067), Chris Berglund (415-749-5045)

IV. EMERGENCY RESPONSE ACTIONS:

Shell activated the Emergency Operations Center, which brings together Environmental, Health & Safety, Security, Operations, and Management together to assist in coordinating the response. In addition, Shell's Community Sampling Team was deployed to the community to monitor for potential offsite impacts (noise, odors, etc).

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

The material released from the flare were light hydrocarbons vapors containing hydrogen sulfide. The estimated amount of material released from the LOP flare is under investigation.

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

Per Shell Security, at 1:10 am, the wind direction was from 67 degrees NE and the wind speed was 2.1 mph. Conditions were clear and the temperature was approximately 65°F.

Per Shell Security, at 2:20am, the wind direction was from 234 degrees SW and the wind speed was 3.7 mph. Conditions were clear and the temperature was approximately 65°F.

VII. DESCRIPTION OF INJURIES:

There were no injuries

VIII. COMMUNITY IMPACT including number of off-site complaints, air sampling data during event, etc.:

The refinery's Ground Level Monitors located on the facility fence-line showed no detection of any H₂S or SO₂ above background levels. Community sampling did not detect any offsite readings. One community complaint received. (as of time of report).

IX. INCIDENT INVESTIGATION RESULTS

Is the investigation of the incident complete at this time? No
If the answer is no, submit a 30 day final or interim report.

If the answer is yes, complete the following:

X. SUMMARIZE INVESTIGATION RESULTS BELOW OR ATTACH COPY OF REPORT:
N/A, Investigation is still in progress.

XI. SUMMARIZE PREVENTATIVE MEASURES TO BE TAKEN TO PREVENT RECURRENCE INCLUDING MILESTONE AND COMPLETION DATES FOR IMPLEMENTATION: N/A, Investigation is still in progress.