January 10, 2018

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105
Attn: Title V Reports

Subject: Semi-Annual Title V Deviation Summary Report
July 1, 2017 – December 31, 2017

To Whom It May Concern:

Please find Shell Oil Products US, Martinez Refinery’s Semi-Annual Title V Deviation Summary report for the period of July 1, 2017 through December 31, 2017. This report includes a summary of the inoperable monitors for the second half of 2017.

The refinery’s Responsible Official, Tom Rizzo, has signed the reports.

If you have any questions regarding this matter, please contact Kathy Wheeler at (925) 313-3722.

Sincerely yours,

Gordon Johnson
Manager, Environmental Affairs Department
Shell Oil Products US, Martinez Refinery

Attachments
The problem with the compressor was quickly corrected to stop the firing.

Problem cause: Problem with filter paper receiver compressor resulting in a 9 minute firing event. Compressor during firing event.

Event Description: Ground Level Monitor (GSM) H2S Monitor 5-317 at the Acme Plant 10, showed an indication of greater than 600 ppm in a 3 minute average.

Source Number: 1A470

Title A. Developments for the Reporting Period are Summarized Below:

Contact: Liz Rosales
Phone: (925) 445-9857
Zip Code: 94553-0071
State: CA
City: Martinez
Address: 3495 Paseo Blvd
Facility Address:

Shell Oil Products US Martines Refinery

From 1/2017 to 1/3/2017
6 Month Deviation Summary Report
BAAAMD Title V Permit
<table>
<thead>
<tr>
<th>Event Description</th>
<th>Event Start:</th>
<th>Event Ended:</th>
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</thead>
<tbody>
<tr>
<td>Event 5042</td>
<td>10/18/2017 7:16 AM</td>
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<td>Event 4992</td>
<td>10/18/2017 9:31 AM</td>
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<tr>
<td>Event 5041</td>
<td>10/18/2017 7:15 PM</td>
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Preventative Steps Taken:
- Contingent actions of address to the bank to minimize the H2S.

Provisional Case:
- H2S alarm issue on the ET, procedure resulted in hazardous conditions, and the evacuation of H2S.

Possible Cause:
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Event Description: Ground Level Monitor (GLM) NOx sample (5-2349) at the ETQ site showed an exceedance of the 60 ppm 3 min average and the 30 ppm hourly average.

Emission Point: S-7000
Agreed at: 2000
Permit: 504125

Steps Taken:
- Prepare the sample
- Analyze the sample
- Report the results to the appropriate authorities

Ongoing Event: Yes
Date: 11/3/2017
Time: 11:42 AM

Event Description: Ground Level Monitor (GLM) NOx sample (5-2349) at the ETQ site showed an exceedance of the 60 ppm 3 min average and the 30 ppm hourly average.

Emission Point: S-7000
Agreed at: 2000
Permit: 504125

Steps Taken:
- Prepare the sample
- Analyze the sample
- Report the results to the appropriate authorities

Ongoing Event: Yes
Date: 11/3/2017
Time: 11:42 AM

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Emission Point: S-7000
Agreed at: 2000
Permit: 504125

Steps Taken:
- Prepare the sample
- Analyze the sample
- Report the results to the appropriate authorities

Ongoing Event: Yes
Date: 11/3/2017
Time: 11:42 AM
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<th>Time:</th>
<th>Source Type</th>
<th>Event Date:</th>
<th>Time:</th>
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<td>1120</td>
<td>10122017</td>
<td>12:00 PM</td>
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<td>10122017</td>
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Date: 1/18/18
Print Name: Thomas E. Rice

Certification Statement

The information and data contained herein are true, accurate, and complete. The responsible official has examined the information and, to the best of my knowledge, the information included in this report is true and complete.

Event Description: Emission Point / Emmission Time / Emmission Source / Amount of Emission / Source Number / Date and Time

Event Number: 2066
Stopped: 1/22/2017 4:26 AM

Event Started: 1/22/2017 7:43 PM