BAAQMD Title V Permit
6 Month Monitoring Report

From 7/1/2016 to 12/31/2016

A0011 Shell Oil Products US Martinez Refinery

Facility Address:
3485 Pacheco Blvd
City: Martinez
State: CA
Zip Code: 94553-0071

Mailing Address
PO Box 711
City: Martinez
State: CA
Zip Code: 94553-0071

Contact: Liz Rosales Title: Environmental Speciali Phone: (925) 313-3857

Inoperable monitors as defined by BAAQMD Regulations 1-522 and 1-523 for the reporting period are summarized below:

Started	Stopped		Source (S#)	Abatement Device (A#)	Emission Point (P#)	CEM	GLM	Fuel Gas	Parametri	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	Opacity/ H2O	LTA	Lead	Steam	Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Gauge Press.
7/6/2016 1:00 PM	7/7/2016 3:00 PM	☑	1771			☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐
Event Description: FXG Flare flow meter 14F4232 was out of service for over 24 hours for replacement of damaged probes.																												
7/12/2016 8:30 AM	7/14/2016 1:45 PM	☑	4180	A4180		☑	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: SRU 4 TRS Analyzer 18A234 is out of service for scheduled preventative maintenance (annual rebuild).																												
8/11/2016 2:50 PM	8/13/2016 7:40 AM	☑			P-24	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: The data from Chimney 2 NOx and O2 analyzers 10A2680 & 10A2681 was not being historized due a problem with the data historian. The analyzer was working.																												
8/22/2016 12:50 PM	8/24/2016 8:50 AM	☑				☑	☐	☐	☐	☐	☐	☐	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: LOP RFG H2s/TRS analyzer 9A2831 & 9A2825 will be out of service for greater than 24 hours due to loss of power during a manual calibration which caused the flame used for H2S indication to fail. Analyzer may need a few days to recover and produce an accurate value due to the sensative nature of the analyzer.																												
9/5/2016 11:45 AM	9/6/2016 12:30 PM	☑				☑	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: Chimney #1 CEM 2A2636 NOx and 2A3637 - O2 were out of service for greatet than 24 hourse due to a bad heat tracing system that failed and let condenate accumulate.																												
11/19/2016 1:05 PM	11/20/2016 2:35 PM	☑				☑	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: TRS analyzer 18A234 in SRU #4 was out of service for greater than 24 hours due to a flame failure on the detector.																												
11/29/2016 8:35 AM	11/30/2016 2:03 PM	☑				☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: Our LOP Refinery Fuel Gas BTU/SG analyzer 9A2716/413 was out of service for greater than 24 hours due to an annual rebuild of the analyzer.																												
12/4/2016 5:00 AM	12/5/2016 8:40 AM	☑				☑	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: LOP refinery fuel gas H2S analyzer 9A1610 failed calibration due to computer issue.																												

Started	Stopped	Lead	Steam Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC.	Gauge Press.
12/19/2016 1:18 PM	12/21/2016 4:00 PM	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: CFH F-63 O2 analyzer has been out of ser									
12/19/2016 1:18 PM	12/23/2016 4:00 PM	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: Refinery fuel gas (RFG) H2S analyzer 9A	rking the issues.								
12/27/2016 1:10 PM	12/28/2016 4:30 PM	☐	☐	☐	☐	☐	☐	☐	☐
Event Description: RFG H2S analyzer 9A1610 was out of ser									

Certification Statement

I certify under penalty of law that based on the information an
reasonable inquiry, the statements and information in this docu
attachments and other materials are true, accurate, and comple

x _____ _____

Signature of Responsible Official Print