

**BAAQMD Title V Permit
6 Month Monitoring Report**

A0016 Phillips 66 Company San Francisco Refinery

Facility/Address:

1380 San Pablo Ave

Mailing Address:

1380 San Pablo Ave

City: Rodeo

City: Rodeo

State: CA

State: CA

Zip Code: 94572-

Zip Code: 94572-

Contact: Brent Eastep

Title: Environmental Engineer

Phone: (510) 245-4672

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

Started	Stopped	Deviation #	Source (S#)	Abatement Device (A#)	Emission Point (P#)
7/1/2012	2:30 PM	7/2/2012	9:00 AM	<input checked="" type="checkbox"/> 044-12	353

Fuel		Opacity/		Wind		Gauge																		
CEM	GLM	Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	LTA	Lead	Stream	Flow	Wind	Dir.	Speed	pH	Temp.	VOC.	Press.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Event Description: Not an Inoperable. Not required to report. B Turbine CO analyzer was starting to fail when the infrared source that reads the CO in the gas started to fail. The CO failed hight. Spoke with Greg Jeffus and he confirmed the CO was not real but an analyzer issue. Because it did calibrate on 7/1 and 7/2 and the repairs were completed in less than 24 hours we are not required to report.

7/10/2012	9:48 AM	7/11/2012	11:23 AM	<input checked="" type="checkbox"/> 045-12	1002
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Fuel		Opacity/		Wind		Gauge																		
CEM	GLM	Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	LTA	Lead	Stream	Flow	Wind	Dir.	Speed	pH	Temp.	VOC.	Press.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Event Description: The Unit 236 O2 CEM became inoperative on 7/10/12 at 9:48 AM. Repairs were made and the monitor was returned to service on 7/11/12 at 11:23 AM.

Started Stopped Deviation # Source (S#) Abatement Device (A#) Emission Point (P#)

10/17/2012 4:18 AM 10/18/2012 10:48 AM 062-12 31

Fuel	Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead Stream Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC.	Gauge Press.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Event Description: The Unit 200 B-501 fuel flow parametric monitor is inoperative. Repairs are underway.

12/2/2012 6:59 AM 12/3/2012 4:04 PM 066-12

Fuel	Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead Stream Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC.	Gauge Press.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Event Description: Power outage at East Refinery GLM (H2S and SO2). PG&E contacted. Power and GLM was returned to service at 16:04 on 12/3/12.

12/20/2012 9:20 AM 068-12 30

Fuel	Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead Stream Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC.	Gauge Press.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Event Description: The Unit 200 B-101 heater O2 parametric monitor became inoperative on December 20, 2012 at 9:20 AM. Repairs are underway.

12/23/2012 11:23 AM 12/26/2012 6:39 PM 069-12

Fuel	Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead Stream Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC.	Gauge Press.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Event Description: Power outage at East Refinery GLM (H2S and SO2). PG&E has been contacted. Power was returned to service at 18:39 PST on 12/26/12.