BAAQMD Title V Permit 6 Month Monitoring Report

	1/21/2012	Event Description:		1/21/2012	Event Description:		1/20/2012	Event Description:		1/16/2012	Started
Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 D D D D D D D D D D D D D D D D D D D	9:40 PM 1/23/2012 10:13 AM 🗀 010-12	nr. Unit 233 CEMs H2S Monitor became inoperative on 1/21/12. Repairs were made and the	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TI O	7:20 AM 1/23/2012 8:20 AM 🗹 006-12	n: Unit 246 B-801 A/B Nox monitor became inoperative on 1/20/2012 at 10:30 AM. Adjustments were made and the monitor was returned to service on 1/21/2012 at 4:00 PM.	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TI G	10:30 AM 1/21/2012 4:00 PM 🗹 008-12	m: Unit 233 CEMs H2S Monitor became inoperative on 1/16/12 at 10:08 AM for a period of 27 hours, but, due to an inadvertent breakdown in intra-refinery communications, ConocoPhillips did not report the monitor as inoperative the next business day. The cause of the inoperative monitor was a stuck slide valve. The valve was cleaned and the monitor was returned to service on 1/17/12 at 1:15 PM. During the period of CEMs inoperation the unit collected draeger samples to check fuel gas H2S levels.	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS D	10:08 AM 1/17/2012 1:15 PM ☑ 007-12	Stopped Deviation #
Opacity/ RS NH3 O2 CO2 H2O LTA	5	21/12. Repairs were made and the	Opacity/ TRS NH3 O2 CO2 H2O LTA	338	on 1/20/2012 at 10:30 AM. Adjust	Opacity/ TRS NH3 O2 CO2 H2O LTA	45	'16/12 at 10:08 AM for a period of itor as inoperative the next busine ned to service on 1/17/12 at 1:15 I	Opacity/ RS NH3 O2 CO2 H2O LTA	338	1# Source (S#)
Wind Lead Steam Flow Wind Dir. Speed pH Temp. VOC.		monitor was returned to service on 1/23/12 at 8:20 AM.	Wind Lead Steam Flow Wind Dir. Speed		ments were made and the monitor was returned	Wind Lead Steam Flow Wind Dir. Speed		f 27 hours, but, due to an inadvertent breakdowss day. The cause of the inoperative monitor vPM. During the period of CEMs inoperation the	Wind Lead Steam Flow Wind Dir. Speed	S. A. C. S. C.	Abatement Device (A#)
Gauge emp. VOC. Press.		8:20 AM.	Gauge pH Temp. VOC. Press.		I to service on	Gauge pH Temp. VOC. Press.		n in intra-refinery vas a stuck slide e unit collected	Gauge pH Temp. VOC. Press.		Emission Point (P#)

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Event Description:

The U231 B102 O2 analyzer which is used as a parametric monitor became failed at approximately 1/20/2012 at 9:40 PM. Repairs were made to the analyzer and it resumed normal operation at 1/23/2012 at 10:13 AM.

Event Description:		2/16/2012	Event Description:		2/5/2012	Event Description:		2/3/2012	Event Description:		2/2/2012	Started
At 1:10 PM on 2/17/12 it was discovered that the newly installed (as of 2/9/12) Crockett inspected at around 09:30 AM on 2/16/12 and was found to be working properly at that ti factory and will be replaced with the previously installed Thermo Model A H2S GLM un	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA C G G G G G G G G G G G G G G G G G G	11:46 AM 2/17/2012 4:00 PM 🗹 021-12	Unit 233 CEMs H2S Monitor became inoperative on 2/5/12. Repairs were made to the ter	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA G	3:47 PM 2/7/2012 10:42 AM 🗹 018-12	At 10:00 AM on 2/3/12 it was discovered that the Hillcrest Thermo Model I SO2 inspected on 13:30 on 2/1/12 and was found to be working properly at that time. 2/6/12. The unit was returned to service at 09:15 on 2/9/12 after the replacement	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA	010:00 AM 2/9/2012 9:15 AM 🗹 016-12	Unit 200 B-101 O2 monitor used for NOx Box compliance became inoperative on 2/2/20	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA	10:10 AM 015-12 30	Stopped Deviation # Source (S#)
Thermo Model I H2S GLM unit had failed. The unit was last me. The Thermo Model I H2S GLM will be shipped back to the til the Thermo Model I H2S GLM has been repaired.	Wind Lead Steam Flow Wind Dir. Speed pH		nperature meter.	Wind Lead Steam Flow Wind Dir. Speed pH		GLM unit suffered a pressure transducer failure. The unit was last A new pressure transducer is due to be shipped from Thermo on Monday, part was installed.	Wind Lead Steam Flow Wind Dir. Speed pH Temp. VOC.		12 at 10:10 AM. Repairs are underway.	Wind Lead Steam Flow Wind Dir. Speed pH		Abatement E Device (A#) Po
The unit was last shipped back to the repaired.	Gauge pH Temp. VOC. Press.			Gauge pH Temp. VOC. Press.		e unit was last Thermo on Monday,	Gauge Temp. VOC. Press.			Gauge pH Temp. VOC. Press.		Emission Point (P#)

Update (2/20/12 09:00) - The unit was repaired without the need to send to the factory. The unit was returned to service at 16:00 on 2/17/12.

Started	Abatement Stopped Deviation # Source (S#) Device (A#)		Emission Point (P#)
2/23/2012	8:53 AM 2/24/2012 12:45 PM ☑ 022-12 338		
	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Lead Steam Flow Wind Dir. Speed G	Wind Speed pH Temp. VOC.	Gauge /OC. Press.
Event Description:	:: Unit 233 CEMs H2S Monitor became inoperative on 2/23/2012 at 8:53 AM. Troubleshooting is underway.		
3/10/2012	12:58 AM □ 024-12 338		
	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Lead Steam Flow Wind Dir. Speed CO CO2 H2O LTA Lead Steam Flow Wind Dir. Speed CO2 CO2 H2O LTA Lead Steam Flow Wind Dir. Speed	Wind Speed pH Temp. VOC.	Gauge /OC. Press.
Event Description:	ı: Unit 233 CEMs H2S Monitor became inoperative on 3/10/12 at 12:58 AM. Repairs are underway.		
3/16/2012	_5:25 PM 3/20/2012 1:30 PM 🗹 025-12		
	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Lead Steam Flow Wind Dir. Speed pH Temp. VOC. Press. D D D D D D D D D D D D D D D D D D D	Wind Speed pH Temp. V	Gauge /OC. Press.
Event Description:	r: Power outage at Cummings skyway SO2 analyzer #2263. Contacting PGE. Power was restored by PGE and equipment returned to service at 13:30 PDT on 3/20/12.	returned to service at 1	3:30 PDT on
4/21/2012	1:33 PM 4/21/2012 1:41 PM □ 030-12		
	Fuel Opacity/ Wind CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LTA Lead Steam Flow Wind Dir. Speed \[\begin{array}{c c c c c c c c c c c c c c c c c c c	Wind Speed pH Temp. VOC.	Gauge /OC. Press.
Event Description:	: Unit 231 B-102 O2 monitor used for NOx Box compliance became inoperative on 4/21/2012 at 9:53 AM. Repairs are underway.	nderway.	

	CEM	5/5/2012 11:59 PM	Event Description: Unit	СЕМ	4/26/2012 9:00 PM	Event Description: The U	CEM	4/23/2012 9:25 AM	Started
The Unit 233 H2S CEM became inoperative on 5/5/2012 at 23:59 due to a failed calibration timer. The calibration timer was replaced and the CEM	Fuel CEM GLM Gas Parametric	M 5/8/2012	Unit 231 B-102 O2 monitor used for NOx Box compliance became inoperative on 4/21/2012 at 9:53 AM. Repairs are underway.	Fuel CEM GLM Gas parametric NOx SO2 CO H2S TRS NH3 O2 CEM GLM Gas parametric NOx SO2 CO H2S TRS NH3 O2	М	The Unit 110 CO monitor became inoperative on 4/23/12 at 9:25 AM. Repairs are underway.	Fuel CEM GLM Gas parametric NOx SO2 CO H2S TRS NH3 O2 G G G G G G G G G G G G G G G G G G G	4/25/2012	Stopped
me inoperative on 5/5/2	Parametric NOx SO2 CO H2S	☑ 035-12	sed for NOx Box comp	NOx SO2 CO H2S	□ 033-12	ame inoperative on 4/2?	NOx SO2 CO H2S	10:00 AM 🔲 032-12	Deviation #
012 at 23:59 due to a fe	TRS NH3 O2 CO2 H2O	338	liance became inoperati	TRS NH3 O2 CO2 H2O	5	3/12 at 9:25 AM. Repai	TRS NH3 O2 CO2 H	438	on # Source (S#)
ilad adlihration timor	Opacity/ LTA		ve on 4/21/2012 at 9::	Opacity/ LTA		rs are underway.	Opacity/ CO2 H2O LTA Lead St		
The calibration timer	Wind Gauge Lead Steam Flow Wind Dir. Speed pH Temp. VOC. Press.		53 AM. Repairs are un	Wind Gauge Lead Steam Flow Wind Dir. Speed pH Temp. VOC. Press.			Wind Gauge Lead Steam Flow Wind Dir. Speed pH Temp. VOC. Press.		Abatement Device (A#)
edt bac beedlast seur	Wind Speed pH Temp. V		iderway.	Wind Speed pH Temp. V			Wind Speed pH Temp. \		
CEM	Gauge VOC. Press.			Gauge VOC. Press.			Gauge VOC. Press.		Emission Point (P#)

The inoperative monitor was reported to the BAAQMD on 5/8/12 (ID #06F14). The inoperative monitor was not reported on the next working day as required by the regulation.

	Event Description:		6/22/2012	Started
The inoperative monitor was reported to the BAAQMD on 6/26/12 (ID #06F82). The inoperative monitor was not reported on the next working day as required by the regulation.	The Unit 233 H2S CEM became inoperative on 6/22/2012 at 10:03 PM. Repairs were made and the monitor was returned to service on 6/25/2012 at 12:47 PM.	Fuel CEM GLM Gas Parametric NOx SO2 CO H2S TRS NH3 O2 CO2 H2O LT. G	10:03 PM 6/25/2012 12:47 PM 🗹 043-12	Stopped Stopped
3AAQMD on 6/26/12 (ID #06F82). The inope	on 6/22/2012 at 10:03 PM. Repairs were made	Opacity/ LTA	043-12 338	Deviation # Source (S#)
ative monitor was not reported on the next wo	and the monitor was returned to service on $6/2$	Wind Gauge Lead Steam Flow Wind Dir. Speed pH Temp. VOC. Press.		Abatement Device (A#)
rking day as	25/2012 at 12:47	Gauge pp. VOC. Press.		Emission Point (P#)