

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

From 1/1/2014 to 6/30/2014

<b>A0011 Shell Oil Products US Martinez Refinery</b>	
<u>Facility Address:</u> 3485 Pacifico Blvd	<u>Mailing Address:</u> PO Box 711
<u>City:</u> Martinez	<u>City:</u> Martinez
<u>State:</u> CA	<u>State:</u> CA
<u>Zip Code:</u> 94553-0071	<u>Zip Code:</u> 94553-0071
<u>Contact:</u> Liz Rossiter	<u>Title:</u> Environmental Specialist
	<u>Phone:</u> (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	H2O	Opacity/LTA	Lead	Steam Flow	Wind			Temp.	VOC	Gauge Press.	
																					Dir.	Speed	oH				
1/7/2014 4:50 PM	1/9/2014 10:45 AM	1509	A13		<input checked="" 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"/>	
Event Description: COB #2 NOx analyzer 9A2562 out of service greater than 24 hours due to plugging, loss of converter and power supply. Repaired, calibrated and returned to service.																											
1/21/2014 12:48 AM	1/22/2014 10:30 AM	4201			<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Event Description: DC Flare Flow Meter 67FLpv malfunctioning. Flow meter removed from service to determine problem.																											
2/5/2014 11:55 AM	2/6/2014 5:00 PM				<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Event Description: F-63 NOx analyzer 06A2276 out of control. The analyzer did not calibrate within 24 hours because the auto-calibration was disabled. Initiated calibration and returned to service.																											
3/7/2014 12:12 PM	3/8/2014 4:57 PM				<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Event Description: CF RFG H2S analyzer 09A12831 out of service for greater than 24 hours due to plugging.																											
3/7/2014 12:12 PM	3/8/2014 4:57 PM				<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Event Description: CF RFG TRS analyzer 09A2825 out of service greater than 24 hours due to plugging.																											
4/18/2014 9:10 AM	4/19/2014 10:35 AM				<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 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"/>	
Event Description: Utilities Cogen #2 O2 analyzer 66A1616 out of service over 24 hours - out of control.																											
4/18/2014 9:10 AM	4/19/2014 10:35 AM	4193			<input checked="" 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"/>	
Event Description: Utilities Cogen #2 NOx analyzer 66A1617 out of service over 24 hours - out of control.																											
4/21/2014 9:10 AM	4/22/2014 10:50 AM	4192	A4192		<input checked="" 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 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"/>	
Event Description: Utilities Cogen #2 NOx and O2 analyzers 66A1616 and 66A1617 out of service over 24 hours due to bad regulator.																											
5/5/2014 2:00 PM	5/8/2014 7:10 PM				<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"/>	
Event Description: LOP RFG H2S Analyzer 9A11610 out of service greater than 24 hours for annual rebuild.																											

Started	Stopped	Source (S#)	Abatement Device (A#)	Emission Point (P#)	Fuel		NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2Q	LTA	Lead	Steam Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Press.
					GEM	GLM																		

Certification Statement

I certify under penalty of law that based on the information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.

Paul Grabhard      Paul Grabhard      Gen. Manager      7/24/14  
 Signature of Responsible Official      Print Name      Title      Date