

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

From 7/1/2012 to 12/31/2012

B2626 Valero Benicia Refinery

Facility Address:
3400 East Second Street
Benicia, CA 945101097

Mailing Address:
3400 East Second Street
Benicia, CA 945101097

Contact: Donald Cuffel

Title: Manager - Environmental Engineering

Phone: (707) 745-7545

Inoperable monitors as defined by BAAQMD Regulations 1.522 and 1.523 for the reporting period are summarized below

Ref:	Event Start	Event End	Stc	Abatement Device:	Abatement Point:	Fuel	CEM	GLM	Gas	Parametric	NOX	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead	Steam	Flow	Wind	Wind	Dir	Speed	pH	Temp.	VOC	Guage	
Ref: 798	8/10/2012	1:00 PM	Stc	8/13/2012	12:00 PM	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source Number: S1031-Heat Recovery Steam Generator, SG-4901						Event Description: During this period the H2S/TRS analyzer to Cogen SG-4901 was found inoperative.																										
Abatement Device: P60-Cogen Stack GT/SG-4901																																
Ref: 799	8/21/2012	2:30 PM	Stc	8/22/2012	5:35 PM	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source Number: S19-North Flare, ST-2103						Event Description: Monitor Operation - North Flare (S-19) Flow Meter UBF233 Troubleshooting of the North Flare monitor took longer than 24 hours. The monitor was repaired by GE Sensing at 05:35pm on 8/22/2012.																										
Abatement Device:																																
Emission Point:																																
Ref: 816	11/9/2012	7:00 AM	Stc	11/20/2012	8:25 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 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"/>
Source Number: S18-South Flare, ST-2101						Event Description: South Flare Parametric flow meter was inoperative for more than 24 hours. The parametric meter began showing high values a few hours after a high flow incident had occurred. Review of the pressure and water seal indicators verify that no flow has occurred, yet the meter indicates a flow value. Repairs to be scheduled. Valero will make contact with GE Sensing when it opens on 11/13/2012 after the 11/12 Veteran's Day Observed Holiday.																										
Abatement Device:						UPDATE: On 11/20/2012, the meter was serviced and the flow meter returned to service at 8:25 AM																										
Emission Point: P2-South Flare Emission Point, P-2																																
Ref: 812	10/14/2012	4:00 AM	Stc	10/15/2012	10:30 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 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"/>
Source Number: S237-Boiler, SG-1032						Event Description: SG1032 NOx Inop Monitor occurred during the automatic recalibration on 10/13/2012. The analyzer technician was unable to repair the analyzer. During troubleshooting, the O2 and CO also became inoperative. The factory was consulted to resolve the issue during the first business day after the weekend. The power source for the ozone generator was replaced and the analyzer was returned to operation.																										
Abatement Device: AS8-Selective Catalytic Reduction for SG-1032																																
Emission Point:																																

