

BAAQMD Title V Permit 6 Month Monitoring Report

From 1/1/2016 to 6/30/2016

B2626		Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097		Mailing Address: 3400 East Second Street Benicia, CA 945101097	
Contact: Kim Rorain		Title: Manager - Environmental Engineering	
		Phone: (707) 745-7990	

Imperable monitors as defined by BAAQMD Regulations 1-522 and 1-532 for the reporting period are summarized below

	Fuel	CEM	GLM	Gas	Parametric	NOx	SO2	CO	H2S	TMS	NH3	O2	CO2	H2O	Opacity/	Lead	Stream	Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Guage Press.
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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.

x <u>Donald C. Wilson</u>	Donald C. Wilson	Vice President and General Manager	Date <u>7/26/16</u>
Signature of Responsible Official	Print Name	Title	Date

BAAQMD Title V Permit 6 Month Monitoring Report

From 1/1/2016 to 6/30/2015

B2626	Valero Benicia Refinery
Facility Address: 3400 East Second Street Benicia, CA 94510-1097	Mailing Address: 3400 East Second Street Benicia, CA 94510-1097
Contact: Kim Roman	Title: Manager - Environmental Engineering
	Phone: (707) 745-7990

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

Ref.	Event Start	Event End	Stk	1/29/2016	3:45 PM	Has Stopped	CEM	GLM	Fuel	Gas	Parametric	NOx	SO2	CO	H2S	TSS	NH3	O2	CO2	H2O	Opacity/	Lead	Stream	Flow	Wind	Wind	Temp	VOC	Guage
Ref: 957	Event Start	1/19/2016	2:00 AM	Stk	1/29/2016	3:45 PM	<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 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"/>

Source Number: S1030-Combustion Turbine Generator, GT-4901; S1031-Heat Recovery Steam Generator, SG-4901

Abatement Device: P60-Cogen Stack GT/SG-4901

Ref: 964	Event Start	3/25/2016	9:00 PM	Stk	4/5/2016	1:40 PM	<input checked="" type="checkbox"/>	<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"/>
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Source Number: Event Description: On March 24, 2016 at 9 PM, the SO2 analyzer 1A203 on the Main Stack (ST-101) had a lamp malfunction. 24 hours following the lamp failure, the analyzer became officially inoperative.

Abatement Device: UPDATE: The analyzer was repaired on April 5, 2016 and is back in operation.

Ref: 971	Event Start	6/18/2016	9:32 AM	Stk	6/21/2016	11:53 AM	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Source Number: Event Description: The flow meter to the WWTP Diversion Area Carbon Canisters began reading high at approximately 09:32am on 6/17/16. Troubleshooting efforts concluded at approximately 11:53am on 06/20/16 that the valve was inoperative. Troubleshooting/repair efforts were successful in returning the valve to normal service at approximately 11:53am on 6/21/16.

Abatement Device: A36-Carbon Canisters on WWTP Upstream Diversion Tanks

Emission Point:	P1-Main Stack Emission Point, P-1
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