



Benicia Refinery • Valero Refining Company - California

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TV Tracking #: 957 - B2626 (Semi-Annual)
TV Tracking #: 958 - A0901 (Semi-Annual)
TV Tracking #: 959 - B5574 (Semi-Annual)

Sent via email

July 30, 2024

1. RECEIVED IN
ENFORCEMENT: 07/30/2024

Refinery, Asphalt Plant & B5574
Monitoring Report for Jan 2024 – June 2024

Mr. Jeff Gove
Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105

Dear Mr. Gove:

Per Standard Condition I.F of Valero's Title V permits issued for the Fuels Refinery (B2626) and the Asphalt Plant (A0901) and Permit B5574, enclosed are the certified Semi-annual Monitoring Title V reports for all three facilities. Please note that the reporting convention for these reports is that deviations *discovered* during the calendar month are included along with any on-going events, regardless of when the event started.

The format and content of these reports is consistent with guidance provided by Mr. Steve Hill, BAAQMD Permit Evaluation Manager, in his letter dated January 8, 2004.

Please contact me at 707-745-7729 if you have any questions or need further information.

Sincerely,

Carson Stacy
Associate Environmental Engineer

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 2/24/2024 5:25 AM Stopper: 2/24/2024 6:51 AM Ongoing Event

Source Number:	S77-Tank, TK-1738
Abatement Device:	
Emission Point:	

May have resulted in a violation of:

Permit:	
AQMD:	9-2-301
Other:	

1225 Event Description: The H2S ground level monitor at GLM#1 recorded an excess above the 0.06 ppm limit, averaged over 3 consecutive minutes, from 5:25AM to 6:00AM. The average during this period was 0.218 ppmv.

The H2S ground level monitor at GLM#1 recorded an excess above the 0.03 ppm limit, averaged over any 60 consecutive minutes, from 5:33AM to 6:51AM. The average during this period was 0.106 ppmv.

Probable Cause: Material on roof of tank 1738 and vapor release from TK-1738 vacuum breaker.

Corrective actions or preventative steps taken: Material was removed and cleaned.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 2/27/2024 10:40 AM Stopper: 2/27/2024 2:30 PM Ongoing Event

Source Number: S77-Tank, TK-1738

Abatement Device:

Emission Point:

May have resulted in a violation of:

Permit:

AQMD: 8-5-322.5 ; 8-5-320.5

Other:

1251 Event Description: During a tank seal inspection by contract inspector, gaps were identified on the secondary seal and the gauge pole slide plate greater than the regulation 8-5 criteria.

Probable Cause: Normal wear

Corrective actions or preventative steps taken: Inspection contractor repaired the gaps with tensioners. Rubber gasket and silicone were used to close the slide plate gap.

Episode ID #:

NOV: 57836

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097	
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: <u>2/23/2024 5:45 PM</u>	Stopper: <u>2/25/2024 4:00 PM</u>	<input type="checkbox"/> Ongoing Event
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Source Number: <u>S19-North Flare, ST-2103</u>
Abatement Device: <u></u>
Emission Point: <u>P3-North Flare Emission Point, P-3</u>

May have resulted in a violation of:

Permit: <u></u>
AQMD: <u></u>
Other: <u>NESHAP 40 CFR 63.670 (e.); 40 CFR 60.103a(h)</u>

1292 Event Description: Amendment 3/27/2024: This is being filed as an excess only. These limits aren't currently in the Title V.

Amendment 3/13/2024: The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 2/25/2024 during the 2:15 and 3:45 15-minute periods. The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 2/24/2024 during the 17:45, 19:00, and 22:15 15-Minute periods.

The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 2/24/2024 during the 17:45, 19:00, and 22:15 15-Minute periods.

Additionally, the North Flare 3-hour average H2S exceeded 162 ppmv on 2/24/2024 in the 20:00 clock hour, on 2/25/2024 from clock hours 3:00-6:00, and on 2/26/2024 in the 7:00 clock hour. Since the flaring that occurred were process upset gases, the excess is exempt.

Probable Cause: Process unit upsets

Corrective actions or preventative steps taken: Use of advanced controls to supplement with natural gas and the minimum amount of steam required.

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery		
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097	
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Episode ID #: 200211;200211;200211

NOV: 62813

Event Start: <u>1/1/2024 12:00 AM</u> Stopper: <u>1/5/2024 1:00 PM</u> <input type="checkbox"/> Ongoing Event

May have resulted in a violation of:

Source Number: <u>S1-Acid Gas Burner, F-1301A; S2-Acid Gas Burner, F-1301B</u>	Permit: <u></u>
Abatement Device: <u>A56-Tail Gas Cleanup Unit on SGU A/B Trains (Flexsorb Section)</u>	AQMD: <u></u>
Emission Point: <u></u>	Other: <u>40 CFR Part 60 Appendix F 5.1</u>

1295 Event Description: Amendment 1/5/24: The Flexsorb TRS CEMS was not audited by CGA, RAA, or RATA in the 4th quarter of 2023. An RAA was conducted on 1/5/2024.

The Flexsorb TRS CEMS was not audited by CGA, RAA, or RATA in the 4th quarter of 2023.

Probable Cause: Contracting company hired to conduct testing was not able to complete testing before the end of the quarter.

Corrective actions or preventative steps taken: The test was completed on 1/5/2024.

Episode ID #:

NOV: 62803

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 2/23/2024 8:00 PM Stopper: 4/11/2024 6:00 AM Ongoing Event

Source Number:	S5-FCCU Regenerator, R-702; S6-Coker Burner, R-902; S1059-CO Furnace F-105; S1060-CO Furnace F-106
Abatement Device:	A1059-Flue Gas Scrubber SCR
Emission Point:	P1059-FGS Stack ST-5601

May have resulted in a violation of:

Permit:	24245.19
AQMD:	6-1-301; 6-1-302; SIP 6-301; SIP 6-302; 6-1-310; SIP 6-310
Other:	40CFR Part 60.102(a)(2); 40 CFR Part 63.1564(a) (1)

1297 Event Description: Amendment 4/17/2024: The parametric variable "delta P across the Agglo Filtering Module (AFM)" recovered to above the hourly minimum limit of >19 inches of H2O on 4/11/2024. The minimum limit could not be reached intermittently from 2/23 to 4/11.

On 2/23/2024 the Flue Gas Scrubber (FGS) parametric variable "delta P across the Agglo Filtering Module (AFM)" dropped below the hourly minimum limit of >19 inches of H2O.

Probable Cause: The Coker and the FCCU were intermittently shut down. It is not possible to meet this hourly parametric limit when not running both units at normal rates. This hourly parametric limit was established during a performance test conducted when both the FCCU and Coker units were running at normal rates.

Corrective actions or preventative steps taken: It is not possible to meet this hourly parametric limit when not running both units at normal rates

Episode ID #: 200210

NOV: 62162

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 11/9/2023 4:00 PM Stopper: 12/1/2023 4:00 PM Ongoing Event

Source Number: REFFUG-Benicia Refinery Fugitives
Abatement Device:
Emission Point:

May have resulted in a violation of:

Permit:
AQMD: 8-18
Other:

1298 Event Description: Amendment 2/14/24: 4Q-23 refinery fugitives deviation report includes: valves and connectors previously not documented. After conducting an audit of the LDAR component tagging in the hydrogen system, we have added 703 valves and 3211 connectors to the LDAR program. The components have an add date of 12/1/2023. All newly added components have been monitored. November 9, 2023 is start date of when additional components were initially identified/discovered during the audit. December 1, 2023 is the end date when the identification process was completed.

4Q-23 refinery fugitives deviation report includes: valves and connectors previously not documented. After conducting an audit of the LDAR component tagging in the hydrogen system, we have added 703 valves and 3211 connectors to the LDAR program. The components have an add date of 12/1/2023. All newly added components have been monitored.

Probable Cause: The Benicia Refinery has over 360,000 components in its database. A healthy fugitive emissions program will self-audit to identify single items or systems that may not be in compliance. By identifying these outliers, program improvements can be achieved.

Corrective actions or preventative steps taken: Routine auditing of refinery fugitives program. Identification of potential non-compliant components during routine monitoring. Special focused program improvement projects are conducted to improve units that are identified as needing improvement.

BAAQMD Title V Permit
6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Required components were inspected after discovery.

Episode ID #:

NOV: 62164

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097 Contact: Taryn Goodwin	Mailing Address: 3400 East Second Street Benicia, CA 945101097 Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 1/15/2024 6:00 AM Stopper: 1/19/2024 3:04 PM Ongoing Event

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

May have resulted in a violation of:

Permit:	
AQMD:	1-522.4
Other:	

1299 Event Description: Amendment 1/24/2024: On 1/15/2024 6:30 AM the Cogen mercaptans analyzer failed calibration. Analyzer became inoperative >24hrs on 1/16/2024 at 6:31 AM. Analyzer was re-calibrated and passed 1/19/2024 3:04 pm. The Inop is being reported beyond the following business day after a period of inoperation greater than 24 continuous hours.

On 1/15/2024 6:30 AM the Cogen mercaptans analyzer failed calibration. Analyzer became inoperative >24hrs on 1/16/2024 at 6:31 AM. Analyzer was re-calibrated and passed 1/19/2024 3:04 pm

Probable Cause: While performing maintenance on the cogen fuel gas analyzer on 1/13/2024, a contractor incorrectly labeled the span of the mercaptans concentration on the analyzer validation report. Due to the mislabel, Valero staff did not notice analyzer drift that resulted in an inoperative monitor until 1/19/2024.

Corrective actions or preventative steps taken: Valero personel adjusted the span to the correct values, re-cal and re-val cogen TRS/H2S monitor.

Episode ID #: 200115

NOV: 62806

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 2/4/2024 10:00 PM Stopper: 2/5/2024 12:00 AM Ongoing Event

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

Abatement Device:

Emission Point: P60-Cogen Stack GT/SG-4901

May have resulted in a violation of:

Permit: 19177.19b

AQMD:

Other:

1301 Event Description: GT-4901/SG-4901 exceeded the 2.5 ppm NOx 3-hr avg limit on 2/4/2024 22:00 - 23:00. The average concentration during the excess was 4.4 ppm.

Probable Cause: Cogen start-up.

Corrective actions or preventative steps taken: SG-4901 firing was adjusted and ammonia injection was lined out to bring NOx emissions back within limits.

Episode ID #: 200154

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 2/22/2024 3:30 PM Stopper: 2/22/2024 3:30 PM Ongoing Event

Source Number: <input style="width: 95%;" type="text"/>
Abatement Device: <input style="width: 95%;" type="text"/>
Emission Point: <input style="width: 95%;" type="text"/>

May have resulted in a violation of:

Permit: <input style="width: 95%;" type="text"/>
AQMD: <u> 1-441 </u>
Other: <input style="width: 95%;" type="text"/>

1303 Event Description: On February 22, 2024 Valero Benicia Refinery received an NOV (63216) from BAAQMD. The NOV was issued for failure to respond to Reg. 1-441 Information Request. Valero does not agree with this NOV and has scheduled a meeting with BAAQMD to discuss.

Probable Cause: On February 22, 2024 Valero Benicia Refinery received an NOV (63216) from BAAQMD. The NOV was issued for failure to respond to Reg. 1-441 Information Request. Valero does not agree with this NOV and has scheduled a meeting with BAAQMD to discuss.

Corrective actions or preventative steps taken: On February 22, 2024 Valero Benicia Refinery received an NOV (63216) from BAAQMD. The NOV was issued for failure to respond to Reg. 1-441 Information Request. Valero does not agree with this NOV and has scheduled a meeting with BAAQMD to discuss.

Episode ID #:

NOV: 63216

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097	
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: <u>2/26/2024 11:45 AM</u> Stopper: <u>2/26/2024 12:00 PM</u> <input type="checkbox"/> Ongoing Event
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Source Number: <u>S82-Tank, TK-1754</u>
Abatement Device: <u></u>
Emission Point: <u></u>

May have resulted in a violation of:

Permit: <u></u>
AQMD: <u>8-5-322.5</u>
Other: <u></u>

1304 Event Description: During a tank seal inspection by contract inspector and BAAQMD on TK-1754, contract inspector identified a gap greater than regulation 8-5 criteria.

Probable Cause: Normal wear

Corrective actions or preventative steps taken: Inspection contractor closed the gaps by adjusting the hardware and rechecked.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 2/23/2024 10:00 PM Stopper: 2/24/2024 2:00 PM Ongoing Event

Source Number:	S220-Hot Oil Furnace, F-4460
Abatement Device:	
Emission Point:	P46-CFP Hot Oil Furnace Stack, P-46

May have resulted in a violation of:

Permit:	10574.24
AQMD:	
Other:	

1306 Event Description: During the clock hours 22:00 2/23/2024 - 14:00 2/24/24, F-4460 exceeded the rolling 8-hour CO average permit limit of 28 ppm. The average concentration during the excess was 159.44 ppm.

Probable Cause: Process unit upsets due to C-702 trip.

Corrective actions or preventative steps taken: F-4460 stabilized after process unit upsets were resolved.

Episode ID #: RCA200213

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/2/2024 10:50 PM Stopper: 3/3/2024 10:50 AM Ongoing Event

Source Number:	
Abatement Device:	
Emission Point:	P69-FCCU/CKR Dumpstack

May have resulted in a violation of:

Permit:	Condition 24198, Part 17
AQMD:	6-1-302; SIP 6-302
Other:	

1307 Event Description: On 3/2/2024, the FCCU water seal at the dumpstack was drained per shutdown procedures in order to isolate the FCCU unit in a safe manner. The seal was reestablished 3/3/2024 at 10:50 am. This excess is being submitted pursuant to Condition 24198, Part 17.

Probable Cause: The water seal was drained per shutdown procedures.

Corrective actions or preventative steps taken: The water seal was reestablished as soon as possible.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering
	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/1/2024 4:00 PM Stopper: 3/1/2024 4:00 PM Ongoing Event

Source Number:	NONE FPU site-Refinery (site)
Abatement Device:	
Emission Point:	

May have resulted in a violation of:

Permit:	
AQMD:	Reg. 1-301
Other:	

1308 Event Description: On March 1, 2024, Valero Benicia Refinery received an NOV (62805) from the BAAQMD. The NOV was for confirmed complaints from 2/24/2024.

Probable Cause: On March 1, 2024, Valero Benicia Refinery received an NOV (62805) from the BAAQMD. The NOV was for confirmed complaints from 2/24/2024.

Corrective actions or preventative steps taken: On March 1, 2024, Valero Benicia Refinery received an NOV (62805) from the BAAQMD. The NOV was for confirmed complaints from 2/24/2024.

Episode ID #:

NOV: 62805

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/8/2024 3:46 PM Stopper: 3/8/2024 4:41 PM Ongoing Event

Source Number:	S1010-Hydrogen Production Facilities
Abatement Device:	
Emission Point:	P1010-ST-302

May have resulted in a violation of:

Permit:	27609 Part 1
AQMD:	Reg. 8-2-301
Other:	

1310 Event Description: On 3/8/24, P017 valve opened from 3:46 pm – 4:41 pm intermittently and approximately 40 lbs of total carbon was released from vent P1010 (ST-302) to atmosphere. A project has been underway to address releases from this vent during startup, shutdown and process upsets.

Probable Cause: 1900# hydrogen grid experinced grid instabilty.

Corrective actions or preventative steps taken: Hydrogen Grid pressure was stabilized

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/18/2024 4:34 PM Stopper: 3/21/2024 2:45 AM Ongoing Event

Source Number:	
Abatement Device:	
Emission Point:	P69-FCCU/CKR Dumpstack

May have resulted in a violation of:

Permit:	Condition 24198, Part 17
AQMD:	6-1-302; SIP 6-302
Other:	

1313 Event Description: On 3/18/2024, the FCCU water seal at the dumpstack (P-69) was drained per startup procedures in order to remove the FCCU unit blind for startup. The seal was reestablished 3/21/2024 at 2:45 am. This excess is being submitted pursuant to Condition 24198, Part 17.

Probable Cause: The water seal was drained per startup procedures.

Corrective actions or preventative steps taken: The water seal was reestablished as soon as possible.

Episode ID #: 200252

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/24/2024 9:00 PM Stopper: 3/24/2024 9:15 PM Ongoing Event

Source Number: S19-North Flare, ST-2103

Abatement Device:

Emission Point: P3-North Flare Emission Point, P-3

May have resulted in a violation of:

Permit:

AQMD:

Other: NESHAP 40 CFR 63.670 (e.); 40 CFR 60.103a(h)

1314 Event Description: Amendment (3/29/24): This is being filed as an excess only. These limits are not currently in the Title V.

The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 3/24/2024 during the 21:00 15-minute block.

Probable Cause: Imbalance of steam and flare flow.

Corrective actions or preventative steps taken: Flaring stopped.

Episode ID #: 200256

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: <u>3/31/2024 12:00 AM</u> Stopper: <u>3/31/2024 12:00 AM</u> <input type="checkbox"/> Ongoing Event
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Source Number: <u>S1059-CO Furnace F-105; S1060-CO Furnace F-106</u>
Abatement Device: <u>A1047-Flue Gas Scrubber (Belco & Cansolv); A1059-Flue Gas Scrubber SCR</u>
Emission Point: <u>P1059-FGS Stack ST-5601</u>

May have resulted in a violation of:

Permit: <u>20820.63, 20820.68</u>
AQMD: <u> </u>
Other: <u> </u>

1316 Event Description: The 1 day average CO limit of 100 ppm was exceeded on 3/30/2024. The average concentration during this period was 110 ppm.

Probable Cause: In process of shutting down unit.

Corrective actions or preventative steps taken: Adjustments were made at Pipestill furnaces to lower the CO.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/27/2024 5:30 AM Stopper: 3/28/2024 11:45 AM Ongoing Event

Source Number:	S19-North Flare, ST-2103
Abatement Device:	
Emission Point:	P3-North Flare Emission Point, P-3

May have resulted in a violation of:

Permit:	
AQMD:	
Other:	NESHAP 40 CFR 63.670 (e.); 40 CFR 60.103a(h)

1318 Event Description: Amendment 4/2/2024: The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 3/27/2024 during the 05:30, 23:30 and 23:45 15-minute blocks; and on 3/28/2024 during the 11:00, 11:15, 11:30, and 11:45 15-minute blocks. The average NHV for these events are 190 BTU/scf. This is being filed as an excess only. These limits are not currently in the Title V.

The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 3/27/2024 during the 05:30, 23:30 and 23:45 15-minute blocks; and on 3/28/2024 during the 23:00, 23:15, 23:30, and 23:45 15-minute blocks. The average NHV for these events are 190 BTU/scf. This is being filed as an excess only. These limits are not currently in the Title V.

Probable Cause: Steam not balanced with flare flow.

Corrective actions or preventative steps taken: Flaring stopped.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/29/2024 1:16 PM Stopper: 3/29/2024 11:55 PM Ongoing Event

Source Number:	S1010-Hydrogen Production Facilities
Abatement Device:	
Emission Point:	P1010-ST-302

May have resulted in a violation of:

Permit:	27609 Part 1
AQMD:	Reg 8-2-301
Other:	

1319 Event Description: On 3/29/2024, P017 valve opened from 1:16 pm to 11:55 pm intermittently and aproximately 15.6 lbs. of Total Carbon was released from vent P1010 (ST-302) to atmosphere. A project has been underway to address releases from this vent during startup, shutdown and process upsets.

Probable Cause: 1900# Hydrogen grid experienced grid instability.

Corrective actions or preventative steps taken: Hydrogen grid pressure stabilized.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering
	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/31/2024 4:00 PM Stopper: 3/31/2024 4:00 PM Ongoing Event

Source Number: S45-Process Gas Turbine, GT-702; S37-Waste Heat Boiler, SG-702
 Abatement Device:
 Emission Point: P21/P22-SG-702 West/East Stack, P-21/P-22

May have resulted in a violation of:

Permit: 16386.1
 AQMD:
 Other:

1320 Event Description: On 3/31/2024, SG/GT-702 exceeded the rolling 3-hour NOx average permit limit of 9ppm at 4:00 PM. The mean 3-hour average concentration for the time in exceedance of the limit was 10.20 ppm.

Probable Cause: Insufficient ammonia flow to SCR.

Corrective actions or preventative steps taken: Ammonia injection rate corrected.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 3/31/2024 8:34 PM Stopper: 4/2/2024 8:41 AM Ongoing Event

Source Number:	
Abatement Device:	
Emission Point:	P69-FCCU/CKR Dumpstack

May have resulted in a violation of:

Permit:	Condition 24198, Part 17
AQMD:	6-1-302; SIP 6-302; 1-522.7
Other:	

1321 Event Description: Amendment 4/8/2024: On 3/31/2024, the FCCU water seal at the dumpstack (P-69) was drained per shutdown procedures in order to remove the FCCU unit blind for shutdown. The seal was reestablished 4/2/2024 at 8:41 pm. This excess is being submitted pursuant to Condition 24198, Part 17. Additionally, the excess and deviation is being reported late.

On 3/31/2024, the FCCU water seal at the dumpstack (P-69) was drained per shutdown procedures in order to remove the FCCU unit blind for shutdown. The seal was reestablished 4/2/2024 at 8:41 pm. This excess is being submitted pursuant to Condition 24198, Part 17.

Probable Cause: The water seal was drained per shutdown procedures.

Corrective actions or preventative steps taken: The water seal was reestablished as soon as possible.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 4/6/2024 4:40 PM Stopper: 4/9/2024 12:20 AM Ongoing Event

Source Number:	
Abatement Device:	
Emission Point:	P69-FCCU/CKR Dumpstack

May have resulted in a violation of:

Permit:	Condition 24198, Part 17
AQMD:	6-1-302; SIP 6-302
Other:	

1322 Event Description: Amendment On 4/6/2024, the FCCU water seal at the dumpstack (P-69) was drained per startup procedures. The seal was reestablished 4/9/2024 at 12:20 am. This excess is being submitted pursuant to Condition 24198, Part 17.

On 4/6/2024, the FCCU water seal at the dumpstack (P-69) was drained per startup procedures.

Probable Cause: The Water seal was drained per startup procedures.

Corrective actions or preventative steps taken: The water seal was reestablished as soon as possible.

Episode ID #: 200270

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: <u>4/10/2024 4:00 AM</u> Stopper: <u>4/10/2024 4:15 AM</u> <input type="checkbox"/> Ongoing Event
--

Source Number: <u>S19-North Flare, ST-2103</u>
Abatement Device: <u></u>
Emission Point: <u>P3-North Flare Emission Point, P-3</u>

May have resulted in a violation of:

Permit: <u></u>
AQMD: <u></u>
Other: <u>NESHAP 40 CFR 63.670 (e.); 40 CFR 60.103a(h)</u>

1323 Event Description: The North Flare (S-19) NHV of the combustion zone measured below the minimum limit of 270 BTU/scf on 4/10/2024 during the 4:00 15-minute block. This is being filed as an excess only. These limits are not currently in the Title V.

Probable Cause: Steam not balanced with flare flow.

Corrective actions or preventative steps taken: Flaring stopped.

Episode ID #:

NOV:

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery
Facility Address:	Mailing Address:
3400 East Second Street Benicia, CA 945101097	3400 East Second Street Benicia, CA 945101097
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering
	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: 5/1/2024 9:29 AM Stopper: 5/8/2024 12:50 PM Ongoing Event

Source Number:	unassigned-Tank, Refrigerated Butane Tank, TK-1726
Abatement Device:	
Emission Point:	

May have resulted in a violation of:

Permit:	
AQMD:	8-5-306.2
Other:	

1325 Event Description: PV Vent (17109) located on TK-1726 exceeded 500ppm emission standard during 1st half 2024 routine fugitive emissions inspection. Valve replacement efforts are complete and confirmed to be below the emission standard.

Probable Cause: PV Vent not Gas Tight

Corrective actions or preventative steps taken: SV-17109 was swapped out on 5/8/24 with SV-17160SP LDAR# 181946

Episode ID #:

NOV:

BAAQMD Title V Permit
6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B2626	Valero Benicia Refinery	
Facility Address: 3400 East Second Street Benicia, CA 945101097	Mailing Address: 3400 East Second Street Benicia, CA 945101097	
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

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 	Lauren Bird	Vice President and General Manager	
Signature of Responsible Official	Print Name	Title	Date

BAAQMD Title V Permit 6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

A0901 Valero Benicia Asphalt Plant		
Facility Address: 3001 Park Road Benicia, CA 94510	Mailing Address: 3001 Park Road Benicia, CA 94510	
Contact: Taryn Goodwin	Title: Manager - Environmental Engineering	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

Event Start: <u>3/11/2024 12:46 AM</u> Stopper: <u>3/11/2024 1:06 AM</u> <input type="checkbox"/> Ongoing Event

Source Number: <u>S24-Hot Oil Heater, H-3 (natural gas)</u>
Abatement Device: <u></u>
Emission Point: <u></u>

May have resulted in a violation of:

Permit: <u>1240.II 58b</u>
AQMD: <u></u>
Other: <u></u>

1311 Event Description: Benicia Asphalt Plant tank vapor recovery incinerator, H-4603 (S24) tripped offline. The temperature dropped below the minimum 1115 degrees Fahrenheit from 3/11/2024 00:46 - 01:06. The average temperature during this time was 780 degrees Fahrenheit.

Probable Cause: False high oil temperature.

Corrective actions or preventative steps taken: Transmitter repair.

Episode ID #: 200240

NOV:

BAAQMD Title V Permit
6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

A0901 Valero Benicia Asphalt Plant

Facility Address:

3001 Park Road
Benicia, CA 94510

Mailing Address:

3001 Park Road
Benicia, CA 94510

Contact: Taryn Goodwin

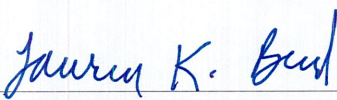
Title: Manager - Environmental Engineering

Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

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 

Signature of Responsible Official

Lauren Bird

Print Name

Vice President and General Manager

Title

Date

BAAQMD Title V Permit
6 Month Deviation Summary Report

From 1/1/2024 to 6/30/2024

B5574	Nustar Logistics		
Facility Address:		Mailing Address:	
3400 East Second Street Benicia, CA 94510		3400 East Second Street Benicia, CA 945101097	
Contact: Taryn Goodwin		Title: Manager - Environmental Engineering	Phone: (707) 745-7475

Title V deviations for the reporting period are summarized below:

No deviation for this time period.

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 	Lauren Bird	Vice President and General Manager	
Signature of Responsible Official	Print Name	Title	Date

BAAQMD Title V Permit 6 Month Monitoring Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

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

	CEM	GLM	Fuel Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/LTA	Lead	Steam	Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Guage Press.
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Ref: 1294 Event Started: 12/31/2023 4:00 PM Stopped: 1/14/2024 6:30 AM <input checked="" type="checkbox"/> Has Stopped	<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 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"/>
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Source Number: S1030-Combustion Turbine Generator, GT-4901; S1031-Heat Recovery Steam Generator, SG-4901

Abatement Device:

Emission Point:

Event Description: Amendment 2/1/24: the inop period ended on 1/14/24 at 6:30 am.

Amendment 1/16/24: Internal parts were replaced and the analyzer was calibrated and brought back online.

Cogen H2S/TRS CEMS analyzer stopped reading at 4:00 pm on 12/31/23. The analyzer became inoperative for greater than 24 hours on 1/1/2024 at 4:00 pm. Internal parts are being ordered for repairs.

Ref: 1299 Event Started: 1/15/2024 6:00 AM Stopped: 1/19/2024 3:04 PM <input checked="" type="checkbox"/> Has Stopped	<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"/>
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Source Number: S1030-Combustion Turbine Generator, GT-4901; S1031-Heat Recovery Steam Generator, SG-4901

Abatement Device:

Emission Point:

Event Description: Amendment 1/24/2024: On 1/15/2024 6:30 AM the Cogen mercaptans analyzer failed calibration. Analyzer became inoperative >24hrs on 1/16/2024 at 6:31 AM. Analyzer was re-calibrated and passed 1/19/2024 3:04 pm. The Inop is being reported beyond the following business day after a period of inoperation greater than 24 continuous hours.

On 1/15/2024 6:30 AM the Cogen mercaptans analyzer failed calibration. Analyzer became inoperative >24hrs on 1/16/2024 at 6:31 AM. Analyzer was re-calibrated and passed 1/19/2024 3:04 pm

BAAQMD Title V Permit 6 Month Monitoring Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

<i>Inoperable monitors as defined by BAAQMD Regulations 1-522 and 1-523 for the reporting period are summarized below</i>	CEM	GLM	Fuel Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead	Steam	Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Guage Press.
<p>Ref: 1300 Event Started: <u>1/25/2024 5:39 AM</u> Stopped: <u>1/26/2024 5:55 PM</u> <input checked="" type="checkbox"/> Has Stopped</p> <p>Source Number: S7-Process Furnace, Jet Fuel Hydrofining, F-103; S20-Process Furnace, Naphtha Hydrofining, F-104; S30-Process Furnace, PFR Preheat, F-2901; S31-Process Furnace, PFR Preheat, F-2902; S32-Process Furnace, PFR Preheat, F-2903; S33-Process Furnace, PFR Preheat, F-2904; S34-Process Furnace, Gas Heater, F-2905; S35-Process Furnace, Gas Heater, F-2906; S21-Hydrogen Reformer Furnace, F-301; S22-Hydrogen Reformer Furnace, F-351; S23-Gas Oil Hydrocracking, F-401; S220-Hot Oil Furnace, F-4460; S24-Process Furnace, Cat Feed Hydrofining, F-601; S25-Process Furnace, Cat Feed Preheat, F-701; S26-Process Furnace, HCN Hydrofining, F-801; S173-Coker Steam Superheat Furnace, F-902; S1030-Combustion Turbine Generator, GT-4901; S238-Pre-BIOX Aerator for Stripped Sour Water; S237-Boiler, SG-1032; S40-Steam Generator, SG-2301; S41-Steam Generator, SG-2302; S1031-Heat Recovery Steam Generator, SG-4901; S247-Reactor Charge Heater, ULSD Unit, F-5401; S248-Stripper Reboiler Heater, ULSD Unit, F-5402</p> <p>Abatement Device: _____</p> <p>Emission Point: _____</p>	<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 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"/>
<p>Event Description: Fuel gas H2S and Mercaptans validation failed 1/24/2024 at 5:38 AM, the analyzer became inoperative for >24 hours 1/25/2024 5:39 AM. Returned to service on 1/26/2024 at 5:55 PM.</p>																							
<p>Ref: 1324 Event Started: <u>4/9/2024 1:35 AM</u> Stopped: <u>4/10/2024 2:40 PM</u> <input checked="" type="checkbox"/> Has Stopped</p> <p>Source Number: S30-Process Furnace, PFR Preheat, F-2901; S31-Process Furnace, PFR Preheat, F-2902; S32-Process Furnace, PFR Preheat, F-2903; S33-Process Furnace, PFR Preheat, F-2904</p> <p>Abatement Device: _____</p> <p>Emission Point: _____</p>	<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 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"/>
<p>Event Description: F-2901-4 CO and O2 analyzer output values froze on 4/9/2024 at 13:35. The analyzer became inoperative for greater than 24 hours on 4/10/2024 at 13:36. The analyzer was returned to service on 4/10/2024 at 14:40.</p>																							
<p>Ref: 1327 Event Started: <u>5/5/2024 7:13 AM</u> Stopped: <u>5/6/2024 1:00 PM</u> <input checked="" type="checkbox"/> Has Stopped</p> <p>Source Number: S21-Hydrogen Reformer Furnace, F-301</p> <p>Abatement Device: _____</p> <p>Emission Point: _____</p>	<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 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"/>
<p>Event Description: The F-301 NOx and O2 analyzer became inoperative for greater than 24 hours on 5/5/2024 at 07:13. The analyzer was returned to service on 5/6/2024 at 13:00.</p>																							

BAAQMD Title V Permit 6 Month Monitoring Report

From 1/1/2024 to 6/30/2024

B2626 Valero Benicia Refinery

Facility Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Title: Manager - Environmental Engineering

Phone: (707) 745-7475

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

	CEM	GLM	Fuel Gas	Parametric	NOx	SO2	CO	H2S	TRS	NH3	O2	CO2	H2O	Opacity/ LTA	Lead	Steam	Flow	Wind Dir.	Wind Speed	pH	Temp.	VOC	Guage Press.
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Ref: 1328 Event Started: 5/15/2024 1:55 PM Stopped: 5/28/2024 4:17 PM Has Stopped

Source Number: _____

Abatement Device: _____

Emission Point: _____

Event Description: Amendment: Fuel gas H2S and TRS became inoperative for >24 hours 5/15/2024 1:55 PM. The analyzer was repaired, had a passing validation and was turned online on 5/28/2024 at 4:17 PM.

Fuel gas H2S and TRS became inoperative for >24 hours 5/15/2024 1:55 PM.

Ref: 1329 Event Started: 5/25/2024 3:10 PM Stopped: 5/28/2024 10:34 AM Has Stopped

Source Number: S19-North Flare, ST-2103

Abatement Device: _____

Emission Point: P3-North Flare Emission Point, P-3

Event Description: The North Flare (S-19) NHV analyzer (used for compliance with the NHV of the combustion zone requirement) became inoperative greater than 24 hours on 5/25/24 at 3:10 PM due a communication loss between the analyzer and the control house. Communication between the analyzer and the control house was restored and the inop ended on 5/28/24 at 10:34 am. There was no flaring during this time, so the data during this time was not used for any purpose. The NHV combustion zone limit is not currently in the Title V.

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	Lauren Bird	Vice President and General Manager	_____
Signature of Responsible Official	Print Name	Title	Date

BAAQMD Title V Permit
6 Month Monitoring Report

From 1/1/2024 to 6/30/2024

A0901 Valero Benicia Asphalt Plant

Facility Address:

3001 Park Road
Benicia, CA 94510

Mailing Address:

3001 Park Road
Benicia, CA 94510

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

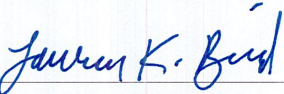
Phone: (707) 745-7475

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

No Inoperable Monitors for this time period.

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 

Signature of Responsible Official

Lauren Bird

Print Name

Vice President and General Manager

Title

Date

Wednesday, July 24, 2024

BAAQMD Title V Permit
6 Month Monitoring Report

From 1/1/2024 to 6/30/2024

B5574 Nustar Logistics

Facility Address:

3400 East Second Street
Benicia, CA 94510

Mailing Address:

3400 East Second Street
Benicia, CA 945101097

Contact: Taryn Goodwin

Title: Manager - Environmental Engineering

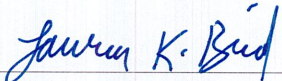
Phone: (707) 745-7475

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

No Inoperable Monitors for this time period.

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 

Signature of Responsible Official

Lauren Bird

Print Name

Vice President and General Manager

Title

Date

Wednesday, July 24, 2024