



Mariposa

Energy Project

July 17, 2023

TV Tracking #: 782

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street Suite 600
San Francisco, CA 94105
Attn: Title V Reports

1. RECEIVED IN ENFORCEMENT: 07/25/2023

Subject: Title V Semi-Annual Compliance Report: Period from 01/01/2023 – 06/30/2023
Mariposa Energy, LLC, Facility Number B9730

To Whom It May Concern:

As required by Section I Part F of the subject Title V permit, Mariposa Energy is submitting the enclosed semi-annual monitoring report for the period from January 1, 2023, through June 30, 2023. After reasonable inquiry, we conclude the following regarding this period of operation:

- All CEMs QA procedures, methodologies, and maintenance were performed as required.

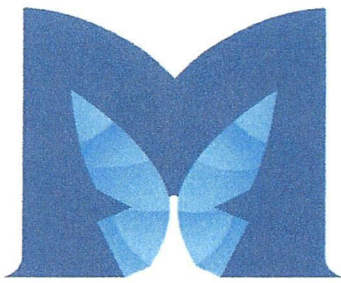
On January 2, 2023, Unit S-2 has an aborted startup, resulting in a combined NO_x emissions of 19.2 lbs/hr, which exceeded the start-up/shutdown NO_x mass emissions limit of 18.5 lbs/hr. The shutdown portion of the aborted startup had a combined NO_x emissions of 5.9 lb. A Reportable Compliance Activity (RCA) notification form was completed and submitted via e-mail to the BAAQMD on 1/5/2023 and was subsequently assigned ID# 08P86. The 30-Day Deviation Report for the event was submitted to the BAAQMD on 1/25/2023. A copy of the deviation report is attached.

No additional violations of any permit conditions requiring District and CEC notification were found during the period of January 1, 2023, through June 30, 2023.

Based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

If you have any questions or concerns regarding this submittal, please contact Wayne Forsyth at w.forsyth@dgc-us.com or (213) 473-0093.

RECEIVED
2023 JUL 25 PM 10:31
BAY AREA AIR QUALITY
MANAGEMENT DISTRICT



Mariposa

Energy Project

Sincerely,

A handwritten signature in blue ink that reads "Bo Buchynsky". The signature is fluid and cursive, with the first name "Bo" being particularly prominent.

Bo Buchynsky – Responsible Official
Mariposa Energy, LLC

By: DGC Operations, LLC, its Operator
633 West Fifth Street, Suite 2700
Los Angeles, California 90071

Attachment: Deviation Report (RCA 08P86)

Table VII - A
Applicable Limits and Compliance Monitoring Requirements
S-1, S-2, S-3, AND S-4 COMBUSTION GAS TURBINES

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
NOx	BAAQMD 9-9-301.2	N		9 ppmv @ 15% O2, dry or 0.43 lbs/MW-hr	BAAQMD 9-9-501 and BAAQMD condition #24955, part 22b	C	CEM	X	
NOx	SIP 9-9-301.3	Y		9 ppmv @ 15% O2, dry	BAAQMD 9-9-501 and BAAQMD condition #24955, part 22b	C	CEM	X	
NOx	BAAQMD Condition #24955, part 17b	N		2.5 ppmv @ 15% O2, dry, 1-hour average except during turbine startup or shutdown	BAAQMD condition #24955, part 22b	C	CEM	X	
NOx	BAAQMD Condition #24955, part 17b	N		2.5 ppmv @ 15% O2, dry, 1-hour average except during turbine startup or shutdown	BAAQMD condition #24955, part 26	P/A	Source test	X	
NOx	NSPS, 40 CFR 60.4320(a) KKKK Table 1	Y		42 ppmv @ 15% O2, dry Table 1 ¹	BAAQMD condition #24955, part 22b	C	CEM	X	
NOx	None	Y		None	40 CFR 75.10	C	CEM	X	

¹ The NOx emission standard for new turbine firing natural gas with heat input at peak load > 50 MMBtu and ≤ 850 MMBtu/hr is 25 ppmv @ 15% O2, dry per 40 CFR 60.4320(a) KKKK Table 1.

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
NOx (as NO ₂)	BAAQMD condition #24955, part 9a	Y		408 lb/day and 51 lb/hr from each gas turbine during commissioning, including startup and shutdown of the gas turbine	BAAQMD condition #24955, part 6 and 22b	C	CEM	X	
NOx (as NO ₂)	BAAQMD condition #24955, part 17 b	Y		2.5 ppmv @ 15% O ₂ , dry, 1-hour average except during turbine startup or shutdown	BAAQMD condition #24955, part 9 and 22b	C	CEM	X	
NOx (as NO ₂)	BAAQMD condition #24955, part 17 b	Y		2.5 ppmv @ 15% O ₂ , dry, 1-hour average except during turbine startup or shutdown	BAAQMD condition #24955, part 26	P/A	Source test	X	
NOx (as NO ₂)	BAAQMD condition #24955, part 18	Y		18.5 lb/hr from each turbine during startup and/or shutdown	BAAQMD condition #24955, part 26	C	CEM	X ²	

² On 1/2/2023, Unit S-2 has an aborted startup, resulting in a combined NOx emissions of 19.2 lbs/hr, which exceeded the start-up/shutdown NOx mass emissions limit of 18.5 lbs/hr. The shutdown portion of the aborted startup had a combined NOx emissions of 5.9 lb. A Reportable Compliance Activity (RCA) notification form to document the event was completed and submitted via e-mail to the BAAQMD on 1/5/2023 and was subsequently assigned ID# 08P86. The 30-Day Deviation Report for the event was submitted to the BAAQMD on 1/25/2023.

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
NO _x (as NO ₂)	BAAQMD condition #24955, part 19a	Y		1,100 lb/day from all turbines including startup and shutdown	BAAQMD condition #24955, part 22b	C	CEM	X	
NO _x (as NO ₂)	BAAQMD condition #24955, part 20a	Y		45.6 tons/yr. from all turbines including startup and shutdown	BAAQMD condition #24955, part 22b	C	CEM	X	
CO	BAAQMD condition #24955, part 9a	Y		360 lb/day and 45 lb/hr from each gas turbine during commissioning , including startup and shutdown of the gas turbine	BAAQMD condition #24955, part 22b	C	CEM	X	
CO	BAAQMD condition #24955, part 9	Y		8.7 tons/yr. from each gas turbine during commissioning , including startup and shutdown of the gas turbine	BAAQMD condition #24955, part 22b	C	CEM	X	
CO	BAAQMD condition #24955, part 17d	Y		2.0 ppm @ 15% O ₂ averaged over any rolling 3-hour period except during turbine startup and shutdown	BAAQMD condition #24955, part 22b	C	CEM	X	

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
CO	BAAQMD condition #24955, part 17d	Y		2.0 ppm @ 15% O2 averaged over any rolling 3-hour period except during turbine startup and shutdown	BAAQMD condition #24955, part 26	P/A	Source Test	X	
CO	BAAQMD condition #24955, part 18	Y		17.3 lb/hr from each turbine during startup and/or shutdown	BAAQMD condition #24955, part 26	C	CEM	X	
CO	BAAQMD condition #24955, part 19b	Y		934 lb/day from all turbines combined, including startup and shutdown	BAAQMD condition #24955, part 22b	C	CEM	X	
CO	BAAQMD condition #24955, part 20b	Y		27.2 tons/yr. from all turbines combined including startup and shutdown	BAAQMD condition #24955, part 22b	C	CEM	X	
CO ₂		Y		None	40 CFR 75.10	C	CEM (CO ₂) or CEM (O ₂) or fuel flow monitor	X	

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
SO ₂	BAAQMD 9-1-301	Y		GLC ³ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		X	
SO ₂	BAAQMD 9-1-302	Y		300 ppm (dry)	BAAQMD condition #24955, part 26	P/A	Source Test	X	
SO ₂	NSPS 40 CFR 60.4330 KKKK	Y		0.90 lb of SO ₂ /MWh or 0.06 lb of SO ₂ /MMBtu	40 CFR 60.4365	N	None	X	
SO ₂	None	Y		None	40 CFR 75.11, 40 CFR 75, Appendix D, part 2.3	P/M	Fuel measurements, calculation	X	
SO ₂	BAAQMD condition #24955, part 9a	Y		10.8 lb/day for all turbines combined during commissioning, including startup and shutdown of turbines	BAAQMD Condition 24955, Part 23a	P/M	Fuel sulfur analysis records & calculation	X	
SO ₂	BAAQMD condition #24955, part 17g	Y		1.347 lb/hr of SO ₂ from all turbines combined	BAAQMD Condition 24955, Part 23a	P/M	SO ₂ analysis records & calculation	X	
SO ₂	BAAQMD condition #24955, part 17g	Y		1.347 lb/hr of SO ₂ from all turbines combined	BAAQMD Condition 24955, Part 26	P/A	Source Test	X	

³ Ground Level Concentration.

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
SO ₂	BAAQMD condition #24955, part 20e	Y		2.9 tons/yr. of SO ₂ from all turbines combined, including startup and shutdown of turbines, except during commissioning	BAAQMD Condition 24955, Part 26	P/A	Source Test	X	
Opacity	BAAQMD 6-1-301	N		> Ringelmann No. 1 for no more than 3 minutes in any hour		N		X	
Opacity	SIP 6-301	Y		> Ringelmann No. 1 for no more than 3 minutes in any hour		N		X	
FP	BAAQMD 6-1-310	Y		0.15 grain/dscf		N		X	
FP	SIP 6-310	Y		0.15 grain/dscf		N		X	
PM ₁₀	BAAQMD condition #24955, part 20d	Y		18.6 tons/yr. from all turbines combined, including startup and shutdown	BAAQMD condition #24955, part 26	P/A	Source test	X	
PM ₁₀	BAAQMD condition #24955, part 9a	Y		20 lb/day for each turbine, including startup and shutdown, during commissioning	BAAQMD condition #24955, part 23a	P/A	PM ₁₀ analysis records & calculation	X	

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
POC	BAAQMD condition #24955, part 17f	Y		0.612 lbs/hr for each turbine (does not apply during turbine startup or shutdown)	BAAQMD condition #24955, part 23a	P/A	Source Test	X	
POC	BAAQMD condition #24955, part 20c	Y		5.6 ton/calendar year, for all turbines combined, including startup and shutdown	BAAQMD condition #24955, part 25	P/A	Source test and calculation	X	
NH ₃	BAAQMD condition #24955, Part 17e	N		5 ppmv @ 15% O ₂ , dry, Averaged over any rolling 3-hour rolling period average, except during turbine startup or shutdown	BAAQMD condition #24955, parts 22 and 25	C	Ammonia injection + NO _x monitoring	X	
NH ₃	BAAQMD condition #24955, Part 17e	N		5 ppmv @ 15% O ₂ , dry, except during turbine startup or shutdown	BAAQMD condition #24955, part 25	P/A	Source test	X	
Heat input limit	BAAQMD condition #24955, part 12	Y		500 MM BTU/hr (HHV)	BAAQMD condition #24955, part 22f	C	Records & Calculation	X	
Heat input limit	BAAQMD condition #24955, part 13	Y		12,000 MM BTU/day (HHV)	BAAQMD condition #24955, part 22g	C	Records & Calculation	X	

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
Stack gas flow	N/A			None	BAAQMD condition #24955, part 26	P/A	Source test every 8,000 hrs. or every 3 yrs., whichever comes first	X	
NH3 injection rate	N/A			None	BAAQMD condition #24955, part 25	P/A	Source test	X	
Formaldehyde	BAAQMD condition #24955, part 21	N		3725.26 pounds/year for all turbines combined	BAAQMD condition #24955, part 21	P Startup and biennial thereafter	Source Test	X	
Specified PAH's	BAAQMD condition #24955, part 21	N		1.063 pounds/year for all turbines combined	BAAQMD condition #24955, part 21	P Startup and biennial thereafter	Source Test	X	
Sulfuric Acid Mist	BAAQMD condition #24955, part 31	Y		7 tons/yr. for all turbines combined	BAAQMD condition #24955, part 30	P/A	Source Test	X	
Start-up Period	BAAQMD condition #24955, part 18			30 minutes per start-up	BAAQMD condition #20057, part 22	P/E	Records	X	
Shut-down Period	BAAQMD condition #24955, part 15			15 minutes per shutdown	BAAQMD condition #24955, part 22	P/E	Records	X	

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S-6 DIESEL FIREWATER PUMP

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
SO2	BAAQMD 9-1-301	N		GLC of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		X	
	BAAQMD 9-1-304	Y		Sulfur content of fuel <0.5% by weight		N		X	
Opacity	SIP Regulation 6-302	Y		< Ringelmann No 2 for more than 3 min/hr		N		X	
Opacity	BAAQMD Regulation 6-1-302	N		< Ringelmann No. 2 for more than 3 min/hr		N		X	
FP	SIP 6-310	Y		0.15 grain/dscf		N		X	
FP	BAAQMD 6-1-310	N		0.15 grain/dscf		N		X	
Hours of operation	BAAQMD 9-8-330.1, BAAQMD Condition #22850, Part 1	Y		Emergency use for an unlimited number of hours	BAAQMD 9-8-530 BAAQMD Condition #22850, Part 3	C P/E	Hour meter, record-keeping	X	
Hours of operation	BAAQMD 9-8-330.2, BAAQMD Condition #22850, Part 1	Y		Reliability-related activities not to exceed 50 hours in any consecutive 12-month period	BAAQMD 9-8-530 BAAQMD Condition #22850, Part 3	C P/E	Hour meter, record-keeping	X	



Mariposa

Energy Project

January 25, 2023

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street Suite 600
San Francisco, CA 94105
Attn: Title V Reports

Subject: Mariposa Energy, LLC, Facility (B9730) – “30-Day Deviation Report for Emissions Exceedance at Source #2 (S-2)”

To Whom It May Concern:

This letter provides Mariposa Energy, LLC’s (Mariposa) 30-day deviation report, pursuant to Permit Condition #24955.33, for the event described below.

On Monday, January 2, 2023, Mariposa unit 700 (S-2) exceeded its permit limit for nitrogen oxides (NO_x) pounds per hour (lb/hr) for “Maximum Emissions During Hour with Startup and/or Shutdown (lb/hr)” and “Mass Emissions Per Shutdown” (Condition #24955.18). The Continuous Emissions Monitoring System (CEMS) Data Acquisition and Handling System (DAHS) system recorded a 60-minute lb/hr NO_x emission of 19.2 lb/hr, (3.7% above the 18.5 lb/hr permit limit) and NO_x shutdown emissions of 5.9 lb (84% above the 3.2 lb permit limit). The total NO_x lb/hr for startup and shutdown is within the 10% accuracy of the applicable standard provided for in BAAQMD Regulation 1, Section 522.6 for continuous emission monitors.

The Reportable Compliance Activity (RCA) Report (Attachment 1) was e-mailed to the BAAQMD on January 5 at 1438 hours and the BAAMD acknowledged receipt on January 5 at 1632 hours. Mariposa, after submitting the RCA, also had a phone conversation with BAAQMD inspector Kevin Cordes to discuss the excess emissions event.

Event Description

The excess emissions event occurred during hour 15:00 in response to a dispatched start for all four units. While unit 700 was in startup mode, the CEMS indicated CO emissions were higher than normal and remedial action was taken to bring them within normal parameters. Unit 700 did not respond to the corrective actions for CO as expected and the unit was shut down before entering normal operating mode without exceeding any CO standard. However, the NO_x CEMS indicated an exceedance of the above-mentioned permit conditions before the unit completed its shutdown.



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Causal Factors

Higher than normal CO emissions during startup diverted the operator's attention and he was not able to recover the process before the NOx limit was exceeded. It was later determined that contamination in the stack sample line was the cause of the higher CO CEMS readings. It is unclear what influence, if any, the contamination in the stack sample line may have had on the NOx CEMS.

Corrective Actions

Once the sample line contamination was discovered, the system was switched to a spare line in the same umbilical for use until a new line may be installed. This resolved the CO emission issues. The plant also reviewed CEMS DAHS alarms and corrective actions for rolling 60-minute startup and/or shut down situations with the operators.

While not related to this specific event, Mariposa is replacing the CEMS in February 2023. The upgrade includes a new stack probe that includes a blowback system to maintain CEMS cleanliness and prevent sample line contamination.

If you have any questions or concerns regarding this submittal, please contact Wayne Forsyth at w.forsyth@dgc-us.com or (213) 473-0093.

Sincerely,

Bo Buchynsky – Responsible Official
Mariposa Energy, LLC
633 West Fifth Street, Suite 2700
Los Angeles, California 90071

Cc: Michael White, DGC Operations, LLC
Wayne Forsyth, DGC Operations, LLC

Attachments: Reportable Compliance Activity Report – 08P86
January 2, 2023 S-2 CEMS DAHS - Event Minute Data



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ATTACHMENT 1

Reportable Compliance Activity Report – 08P86



COMPLIANCE & ENFORCEMENT DIVISION

Notification Form

Reportable
Compliance
Activity (RCA)

See back of form for instructions →

1. BREAKDOWN RELIEF: *District Use Only* BREAKDOWN REFERENCE #:

2. MONITOR EXCESS EMISSION or EXCURSION: *District Use Only* REFERENCE #:

3. MONITOR IS INOPERATIVE: *District Use Only* REFERENCE #:

4. PRESSURE RELIEF DEVICE (PRD): *District Use Only* PRD REFERENCE #:

SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Mariposa Energy Project	Site #	B9730
Address	4887 Bruns Road	Source #	S-2
Reported by	Mike White	Phone #	925-666-5404
Indicated Excess	19.2 LBS/HR (Cond. 18)	Fax #	
Allowable Limit	18.5 LBS/HR (Cond. 18)	Averaging Time	N/A
Start Time/Date	01/02/2023 15:24	Clear Time	01/02/2023 15:46
Monitor/device type(s)	<input checked="" type="checkbox"/> CEM <input type="checkbox"/> GLM <input type="checkbox"/> Parametric <input type="checkbox"/> PRD <input type="checkbox"/> Non-monitor		
Monitor description(s)	Chemiluminescent NOx monitor		
Parameter(s) exceeded or not functioning due to inoperation			
<input checked="" type="checkbox"/> NO _x	<input type="checkbox"/> SO ₂	<input type="checkbox"/> CO	<input type="checkbox"/> CO ₂
<input type="checkbox"/> O ₂	<input type="checkbox"/> H ₂ O	<input type="checkbox"/> Opacity	<input type="checkbox"/> Lead
<input type="checkbox"/> Hydrocarbon Breakthrough (VOC)	<input type="checkbox"/> Temperature	<input type="checkbox"/> Wind Speed	<input type="checkbox"/> H ₂ S
<input type="checkbox"/> Wind Direction	<input type="checkbox"/> Steam	<input type="checkbox"/> Other (describe)	<input type="checkbox"/> TRS
<input type="checkbox"/> ppm	<input type="checkbox"/> ppb	<input type="checkbox"/> min/hr > 20%	<input type="checkbox"/> inches H ₂ O
<input type="checkbox"/> psig	<input type="checkbox"/> pH	<input type="checkbox"/> °Fahrenheit	<input checked="" type="checkbox"/> Other (describe) LBS/HR
<input type="checkbox"/> NH ₃	<input type="checkbox"/> Flow		

Event Description: S-2 Exceeded two parts of Title V permit Condition 18: NOx limit for Mass Emissions During Hour with Startup and/or Shutdown (lb/hr) of 18.5 NOx lbs/hr; and NOx limit for Mass Emissions Per Shutdown (lb/shutdown) of 3.2 lb.

During an aborted startup the unit exceeded the NOx lb/hr limit during a 60-minute period ("Hour") with a startup and/or shutdown resulting in a combined 19.2 lbs/hr (3.7% over permit condition). The shutdown portion of the aborted startup had a combined NOx pounds of 5.9 lb.

District Use Only

Received by

Date

Time

General Instructions

- ✓ Check the Box numbers 1- 4 that apply to the RCA you are trying to report or request and read the detailed instructions.
- ✓ You will receive an ID # for each RCA you submit. In the case of a request for Breakdown Relief where multiple monitors are affected, you do not need to submit multiple forms, as long as all necessary information is given on one form. RCA reported during other than core business hours will be assigned an ID # the following working day. If you do not receive an ID #, it is your responsibility to contact the BAAQMD to get one.
- ✓ You may submit only one request for breakdown relief per form. However, you may submit multiple indicated excess, inoperative monitors and PRD reports on one form, provided that the start and end times given for the events in the required information section is inclusive of all events. Information on parameters exceeded, units of measurement and allowable limits can be provided in the event description box or when contacted by District staff with questions.
- ✓ Fill out the "Site Information and Description Information Required" areas of this form and email to rca@baaqmd.gov
- ✓ **A 30-day written follow-up report is required for Breakdown Requests and PRD Releases.** Reports for these types of RCA must contain a quantification of emissions, the calculations used to derive the emissions, and their duration. Reference Breakdown Admissions Advisory dated 12/3/04. Send 30-day report letters to: BAAQMD Compliance and Enforcement Division, MAILSTOP: RCA 30-DAY REPORT, 375 Beale Street, Ste. 600 San Francisco, CA 94105.
NOTE: You may have additional report requirements under Title V.

Detailed Instructions

Box 1: To Request Breakdown Relief (Regulations 1-112, 1-113, 1-208, 1-431, 1-432)

If you have an equipment malfunction (e.g.; breakdown) that leads to the release of air pollutants above the regulatory or your permitted levels, you may request relief from BAAQMD enforcement action.

- Check Box #1.
- **NOTE:** Start and end times given for these events in the required information section must be inclusive of all events.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- Requests for breakdown relief may not be withdrawn and must be called in or faxed to the BAAQMD immediately upon discovery of an equipment malfunction.
- Receipt of an RCA ID# for a breakdown does not mean relief has been granted. An Inspector will visit your facility to determine compliance.

Box 2: Monitor Indicates Excess Emission or Excursion (Regulation 1-522.7, 1-523.3, 1-542)

When a BAAQMD-required monitor indicates an excess or excursion, you must report it to the BAAQMD.

- Check Box #2.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- Any excess emission indicated by a CEM or excursion of a parametric monitor, shall be reported to the BAAQMD within 96 hours.
- Area concentration excesses over the limits prescribed in District regulations shall be reported to the BAAQMD within the next normal working day following the examination of data.

Box 3: Monitor Is Inoperative (Regulations 1-522, 1-523, 1-530)

When a BAAQMD-required monitor is inoperative for greater than 24 hours, you must report it to the BAAQMD.

- Check Box #3 only if inoperative for greater than 24 hours.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- All reports of inoperative monitors must be reported by the following BAAQMD working day and additionally be cleared by a notification of resumption of monitoring. To notify the BAAQMD regarding the resumption of monitoring, do not send in a separate RCA form; call (415) 749-4979 and give the RCA ID #, date, and the time of resumption.
- Inoperative monitors (except parametric monitors) with downtime greater than 15 days must furnish proof of expedited repair in a follow-up report.

Box 4: Pressure Relief Device (PRD) Is Released (Regulation 8-28-401)

When a PRD at your refinery/chemical plant vents to the atmosphere, you must report it to the BAAQMD.

- Check Box #4 only if a pressure relief device is released.
- Separate RCA ID #'s can be applied to monitor(s) affected by a PRD by also checking Box #2 if other monitors record an excess or excursion.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- All PRD release reports must be reported by the following BAAQMD working day.

Email to ► rca@baaqmd.gov - Telephone ► 415.749.4979 (M-F 8:30 am – 5:00 pm) - After core business hours, email or call ► 415.749.4666

Form Revision Dated: 12-12-18



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ATTACHMENT 2

January 2, 2023 S-2
CEMS DAHS - Event Minute Data

Date/Time	Unit Status	Fuel Gas Flow (scfm)	O2 Stack Raw (%)	NOx Stack Raw (ppmv)	NOx@15%O2 (ppmv)	NOx Lbs/Hr	NOx Lbs Startup Accum	NOx Lbs Shutdown Accum	NOx Lbs/Hr All Modes-1Hr	CO Stack Raw (ppmv)	CO@15%O2 (ppmv)	CO Lbs/Hr	CO Lbs Startup	CO Lbs Shutdown	CO Lbs/Hr All Modes-1Hr
1/2/2023 15:17	Offline	18	20.81994	0.00224	0	0	0	0	0	-0.27394	0	0	0	0	0
1/2/2023 15:18	Offline	12	20.78923	-0.03266	0	0	0	0	0	-0.28739	0	0	0	0	0
1/2/2023 15:19	Offline	10	20.80045	-0.01657	0	0	0	0	0	-0.27721	0	0	0	0	0
1/2/2023 15:20	Offline	10	20.85603	-0.03537	0	0	0	0	0	-0.2741	0	0	0	0	0
1/2/2023 15:21	Offline	13	20.84313	0.00224	0	0	0	0	0	-0.27348	0	0	0	0	0
1/2/2023 15:22	Offline	18	20.83489	-0.00044	0	0	0	0	0	-0.28695	0	0	0	0	0
1/2/2023 15:23	Offline	12	20.80471	0.08816	0	0	0	0	0	43.95338	0	0	0	0	0
1/2/2023 15:24	Startup	1518	18.37988	16.96192	39.7105	13.47089	0.22451	0	0.22451	25.05722	58.66286	12.11336	0.20189	0	0.20189
1/2/2023 15:25	Startup	2985	18.09906	27.54102	58.01342	38.69831	0.86949	0	0.86949	2.9677	6.25128	2.3383	0.24419	0	0.24419
1/2/2023 15:26	Startup	4656	16.78569	17.55787	25.17833	26.19745	1.30611	0	1.30611	4.55348	6.52977	4.13562	0.31312	0	0.31312
1/2/2023 15:27	Startup	6837	15.62035	32.01458	35.7762	54.66118	2.21713	0	2.21713	1.74868	1.95415	1.81741	0.34341	0	0.34341
1/2/2023 15:28	Startup	7042	14.73271	35.56109	34.01986	53.53621	3.1094	0	3.1094	2.20033	2.10496	2.01637	0.37702	0	0.37702
1/2/2023 15:29	Startup	6883	14.5143	35.4833	32.78442	50.42715	3.94985	0	3.94985	9.08092	8.39022	7.85563	0.50794	0	0.50794
1/2/2023 15:30	Startup	6655	14.63252	45.53951	42.8694	63.75506	5.01244	0	5.01244	20.02633	18.85213	17.06626	0.79238	0	0.79238
1/2/2023 15:31	Startup	6559	14.79817	62.20759	60.1499	88.16409	6.48184	0	6.48184	20.50874	19.83036	17.69285	1.08726	0	1.08726
1/2/2023 15:32	Startup	6584	14.83614	71.53759	69.60446	102.41087	8.18869	0	8.18869	18.64134	18.1376	16.24424	1.358	0	1.358
1/2/2023 15:33	Startup	6634	14.78851	71.2609	68.79485	101.98834	9.88849	0	9.88849	14.76611	14.25511	12.85399	1.5724	0	1.5724
1/2/2023 15:34	Startup	6648	14.80089	70.74566	68.43614	101.67068	11.583	0	11.583	13.08531	12.65814	11.44697	1.76318	0	1.76318
1/2/2023 15:35	Startup	6660	14.77795	70.17291	67.62772	100.65101	13.26052	0	13.26052	12.56329	12.10761	10.96889	1.946	0	1.946
1/2/2023 15:36	Shutdown	6854	14.77991	69.77534	67.2002	102.92807	0	1.71547	14.97599	11.82377	11.3874	10.61692	0	0.17695	2.12295
1/2/2023 15:37	Shutdown	6594	14.73268	67.78363	64.84556	95.55389	0	3.38003	16.56855	11.5321	11.03224	9.89561	0	0.34188	2.28787
1/2/2023 15:38	Shutdown	5178	14.8592	57.33625	55.99987	64.79899	0	4.38802	17.64854	11.10448	10.84566	7.6392	0	0.4692	2.41519
1/2/2023 15:39	Shutdown	3635	15.45832	25.94691	28.13224	22.8522	0	4.76889	18.02941	9.79936	10.62469	5.25352	0	0.55675	2.50275
1/2/2023 15:40	Shutdown	2188	16.26131	7.87117	10.01142	4.89511	0	4.85047	18.11099	8.95707	11.39259	3.39078	0	0.61327	2.55927
1/2/2023 15:41	Shutdown	1457	17.36531	1.467	2.44868	0.79728	0	4.86376	18.12428	9.92201	16.5615	3.28238	0	0.66797	2.61397
1/2/2023 15:42	Shutdown	1323	18.04692	2.04828	4.23572	1.25229	0	4.88463	18.14515	9.07565	18.76789	3.37758	0	0.72427	2.67026
1/2/2023 15:43	Shutdown	1332	18.25109	21.47382	47.82935	14.23698	0	5.12191	18.38243	7.71431	17.18234	3.11327	0	0.72615	2.72215
1/2/2023 15:44	Shutdown	1327	18.2108	31.61618	69.14523	20.50464	0	5.46366	18.72418	6.79896	14.91665	2.6926	0	0.82103	2.76703
1/2/2023 15:45	Shutdown	1314	18.21851	31.61871	69.56961	20.42839	0	5.80413	19.06465	6.06101	13.33584	2.38367	0	0.86076	2.80676
1/2/2023 15:46	Shutdown	535	18.20098	31.62126	69.12347	8.26416	0	5.94187	19.20239	5.59881	12.23889	0.89069	0	0.8756	2.8216
1/2/2023 15:47	Offline	15	18.46076	27.12321	0	0	0	0	19.20239	6.0951	0	0	0	0	2.8216
1/2/2023 15:48	Offline	12	20.66281	1.5743	0	0	0	0	19.20239	3.14077	0	0	0	0	2.8216
1/2/2023 15:49	Offline	18	20.82867	0.26819	0	0	0	0	19.20239	1.1259	0	0	0	0	2.8216
1/2/2023 15:50	Offline	19	20.81111	0.12844	0	0	0	0	19.20239	0.94222	0	0	0	0	2.8216
1/2/2023 15:51	Offline	13	20.81191	0.12844	0	0	0	0	19.20239	0.76461	0	0	0	0	2.8216
1/2/2023 15:52	Offline	10	20.81793	0.0856	0	0	0	0	19.20239	0.51476	0	0	0	0	2.8216
1/2/2023 15:53	Offline	10	20.78207	0.0506	0	0	0	0	19.20239	0.20477	0	0	0	0	2.8216