

DOCKETED

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Submitter Role:	Commission Staff
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Mariposa Energy, LLC

4887 Bruns Road, Byron, CA 94514

Tel: (209) 830-1401

April 19, 2022

Anwar Ali
Compliance Project Manager
California Energy Commission
Siting, Transmission, & Environmental Protection (“STEP”) Division
1516 Ninth Street, MS-2000
Sacramento, CA 95814

Reference: Mariposa Energy, LLC (09-AFC-3C) Compliance with Air Quality Conditions of Certification (CEC #G1015)

Subject: CEC Condition of Certification AQ-SC8:
Quarterly Compliance Report for Quarter-Ending March 31, 2022

Dear Mr. Ali,

To demonstrate ongoing compliance with the California Energy Commission (“CEC”) and Bay Area Air Quality Management District (“BAAQMD”) regulations, Mariposa Energy, LLC (previously Mariposa Energy Project) is submitting its Quarterly Compliance Report (“QCR”) including Attachment 1, “Compliance Summary”, for quarter-ending March 31, 2022. As required, a copy of the report is also being sent to the BAAQMD. This QCR is being submitted to satisfy the requirements of:

- CEC - Mariposa Energy Project “Commission Decision”, (Docket No. 09-AFC-3) – Cond. AQ-SC8.
- BAAQMD - Permit to Operate, Plant #19730, Condition #24955, Part 33.
- United States Environmental Protection Agency, Code of Federal regulations, Title 40, Part 60, Subpart KKKK, Section 4375 (40 CFR 60.4375).

The QCR contains the following attachments:

Attachment 1: Compliance Summary: Table identifying each condition relevant to the QCR, operational limits, compliance status (including supporting data), and reference location within the QCR.

Attachment 2: Condition AQ-11 Monthly Natural Gas Fuel Analyses: Monthly analytical results for natural gas analysis to demonstrate compliance with the natural gas sulfur content limit, as required by AQ-11.

Attachment 3: Condition AQ-12/13 Heat Input Limits: 1-hr & Daily Maximums for all CTGs Report: Report demonstrating compliance with maximum 1-hr heat input and daily total heat input for combustion turbine generator (CTG) Unit 600 (S-1), Unit 700 (S-2), Unit 800 (S-3), and Unit 900 (S-4).

- Attachment 4: Condition AQ-14 Heat Input Limit: Rolling 12-Month combined CTG Heat Input Report: Report demonstrating compliance with annual (rolling 12-month) combined heat input limit to CTG Units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4).
- Attachment 5: Condition AQ-15a/b Operating Hour Limits: Rolling 12-Month individual and combined CTG Hours Report: Report demonstrating compliance with annual (rolling 12-month) individual and combined hours of operation limits for CTG Units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4).
- Attachment 6: Condition AQ-16 SCR/Oxidation Catalyst Operation Report: Report demonstrating the CTG Units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4) emissions are abated by properly operating SCR and Oxidation Catalyst systems.
- Attachment 7: Condition AQ-17a/b NO_x Emissions Limits: Hourly Mass Rate and Hourly Average Concentration Report: Report of hourly (rolling 60-minute) NO_x concentrations and emissions from CTG Units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4).
- Attachment 8: Condition AQ-17c/d CO Emission Limits: Hourly Mass Rate/Rolling 3-Hr Concentration Report: Report demonstrating compliance with hourly (rolling 60-minute) CO mass emissions and rolling 3-hour CO concentrations from CTG Units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4).
- Attachment 9: Condition AQ-17e NH₃ Emission Limits: Rolling 3-Hr Slip Calculation Report: Report demonstrating compliance with rolling 3-hr ammonia emission concentration limit as calculated by source test-derived correlation as required by AQ-25.
- Attachment 10: Condition AQ-17f/g Hourly Mass Emission Limits: POC & SO₂ Report: Report demonstrating compliance with hourly POC and SO₂ emission limits for Combustion Turbine Generator (CTG) units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4).
- Attachment 11: Condition AQ-18 Startup and Shutdown Emission Limits Report: Report of startup and shutdown emissions for CTG Units 600 (S-1), 700 (S-2), 800 (S-3), and 900 (S-4).
- Attachment 12: Condition AQ-19 Daily Emission Limits: NO_x, CO, POC, and SO₂ Emissions Report: Report demonstrating compliance with daily NO_x, CO, POC and SO₂ limits for all CTG units combined.
- Attachment 13: Condition AQ-20 Cumulative Rolling 12-month CTG Emissions: NO_x, CO, POC, PM₁₀, SO₂ Emissions Report: Report demonstrating compliance with consecutive 12-month NO_x, CO, POC, PM₁₀ and SO₂ limits for all CTG units combined.
- Attachment 14: Condition AQ-31 Facility SAM 12-month Tons Limit Emissions Report: Report demonstrating compliance with consecutive 12-month sulfuric acid emissions limit for all CTG units combined.
- Attachment 15: Condition AQ-35 Timely Notification of Permit Condition Violations Report: Report demonstrating compliance with permit condition AQ-35 requiring timely self-reporting of violations of permit conditions.

Attachment 16: Condition AQ-38 40CFR Part 72.9(c)(1) SO₂ Allowances and 40 CFR Part 75 CEM Requirements Report: Report demonstrating compliance with Condition AQ-38 requiring holding of SO₂ allowances and compliance with CEM requirements of 40 CFR Part 75.

Attachment 17: Conditions AQ-39, AQ-40 S-6 Emergency Fire Pump Operation Report (BAAQMD Condition 22850, parts 1 & 2): Report demonstrating compliance with specified IC engine operating limitations.

Attachment 18: Condition AQ-41 S-6 Emergency Fire Pump Totalizing Meter Report (BAAQMD Condition 22850, part 3): Photographic record demonstrating the installation and use of hour-meter for tracking engine operation.

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

Best regards,



Wayne Forsyth – Program Manager, EHS& Regulatory
Mariposa Energy, LLC
633 West Fifth Street, Suite 2700
Los Angeles, California 90071-1519

cc: Davis Zhu (BAAQMD)
Bhagavan Krishnaswamy (BAAQMD)

Mariposa Energy, LLC

Quarterly Compliance Report

Quarter Ending March 31, 2022

Mariposa Energy, LLC

Quarterly Compliance Report

Quarter Ending March 31, 2022

This report documents compliance with the California Energy Commission's Conditions of Certification AQ-SC8 and Bay Area Air Quality Management District Permit condition 24955

Attached are summaries of relevant permit conditions and compliance status as well as the required documentation.

Attachment 1: Compliance Summary

Attachment 2: Condition AQ-11 Monthly Natural Gas Fuel Analyses

Attachment 3: Condition AQ-12/13 Heat Input Limits: 1-hr & Daily Maximums for all CTGs Report

Attachment 4: Condition AQ-14 Heat Input Limit: Rolling 12-Month combined CTG Heat Input Report

Attachment 5: Condition AQ-15a/b Operating Hour Limits: Rolling 12-Month Individual and Combined CTG Hours Report

Attachment 6: Condition AQ-16 SCR/Oxidation Catalyst Operation Report

Attachment 7: Condition AQ-17a/b NOx Emission Limits: Hourly mass rate and hourly average concentration Report

Attachment 8: Condition AQ-17c/d CO Emission Limits: Hourly Mass Rate/Rolling 3-Hr Concentration Report

Attachment 9: Condition AQ-17e NH3 Emission Limits: Rolling 3-Hr Slip Calculation Report

Attachment 10: Condition AQ-17f/g Hourly Mass Emission Limits: POC & SO2 Report

Attachment 11: Condition AQ-18 Startup and Shutdown Emission Limits Report

Attachment 12: Condition AQ-19 Daily Emission Limits: NOx, CO, POC, SO2 Emissions Report

Attachment 13: Condition AQ-20 Cumulative Rolling 12-month CTG Emissions: NOx, CO, POC, PM10, SO2 Emissions Report

Attachment 14: Condition AQ-31 Facility SAM 12-month Tons Limit Emissions Report

Attachment 15: Condition AQ-35 Timely Notification of Permit Condition Violations Report

Attachment 16: Condition AQ-38 40 CFR Part 72.9(c)(1) SO2 Allowances and 40 CFR Part 75 CEM Requirements Report

Attachment 17: Conditions AQ-39, AQ-40 S-6 Emergency Fire Pump Operation Report (BAAQMD Condition 24955, parts 1 & 2)

Attachment 18: Condition AQ-41 S-6 Emergency Fire Pump Totalizing Meter Report (BAAQMD Condition 22850, part 3)

Attachment 1

Compliance Summary

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-11	Fire the Gas Turbines (S-1, S-2, S-3, and S-4) exclusively on PUC-regulated natural gas with a maximum sulfur content of 1 grain per 100 standard cubic feet.	1 grain sulfur per 100 scf. The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content data to be submitted to District and CPM in the Quarterly Report.	Sulfur Content (gr/100 scf) January 2022: 0.16 February 2022: 0.12 March 2022: 0.08 In Compliance	Attachment 2
AQ-12	Hourly Heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4).	500 MMBtu (HHV)/hr per turbine.	Maximum MMBtu/hr S-1: 456 S-2: 464 S-3: 452 S-4: 452 In Compliance	Attachment 3
AQ-13	Daily heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4).	11,544 MMBtu (HHV)/day per turbine.	Maximum MMBtu/day S-1: 6,037 S-2: 6,761 S-3: 5,836 S-4: 6,260 In Compliance	Attachment 3
AQ-14	Combined annual cumulative heat input rate for the gas turbines (S-1 + S-2 + S-3 + S-4).	8,128,900 MMBtu (HHV) per year (combined cumulative).	MMBTU/yr (12-mo) Ending 01/2022: 926,372 Ending 02/2022: 950,043 Ending 03/2022: 929,567 In Compliance	Attachment 4
AQ-15a	Maximum annual hours of operation per turbine.	5,200 hours per year per turbine.	Maximum Hr/yr S-1: 796 (02/2022) S-2: 787 (02/2022) S-3: 655 (02/2022) S-4: 716 (02/2022) In Compliance	Attachment 5
AQ-15b	Combined annual hours of operation for the gas turbines (S-1 + S-2 + S-3 + S-4).	16,900 hours per year total – four units combined turbine hours of operation.	Combined Hours/yr 12 mo Ending 01/22: 2,896 12 mo Ending 02/22: 2,954 12 mo Ending 03/22: 2,902 In Compliance	Attachment 5

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-16	The owner/operator shall ensure that each Gas Turbine (S-1, S-2, S-3, S-4) is abated by the properly operated and properly maintained Selective Catalytic Reduction (SCR) System A-2, A-4, A-6, or A-8 and Oxidation Catalyst System A-1, A-3, A-5, or A-7 whenever fuel is combusted at those sources and the corresponding SCR catalyst bed (A-2, A-4, A-6 or A-8) has reached minimum operating temperature.	The owner/operator shall make the site available for inspection by representatives of the District, ARB, and the Commission upon request. A summary of significant operation and maintenance events and monitoring records shall be included in the quarterly operation report.	In Compliance	Attachment 6
AQ-17	The owner/operator shall ensure that the Gas Turbines (S-1, S-2, S-3, S-4) comply with requirements (a) through (i). Requirements (a) through (f) do not apply during a gas turbine start-up, and shutdown.			
	a. Hourly Nitrogen Oxide mass emissions limit (calculated as NO ₂), per turbine unit basis, after abatement.	4.4 lb/hr maximum (as NO ₂), from each turbine exhaust point, after abatement.	<u>Max NOx lb/hr:</u> S-1: 3.8 S-2: 3.6 S-3: 3.5 S-4: 3.9 In Compliance	Attachment 7
	b. Hourly average Nitrogen Oxide emission concentration limit , per turbine.	2.5 ppmv maximum (as NO ₂), dry, corrected to 15% O ₂ , averaged over any 1-hour period.	<u>Max NOx, ppmvd @ 15% O₂:</u> S-1: 2.3 S-2: 2.2 S-3: 2.2 S-4: 2.4 In Compliance	Attachment 7
	c. Hourly Carbon Monoxide mass emissions limit , per turbine basis, after abatement.	2.14 lb/hr CO maximum, from each turbine exhaust point.	<u>Max CO lb/hr:</u> S-1: 1.93 S-2: 1.78 S-3: 1.74 S-4: 2.12 In Compliance	Attachment 8
	d. Rolling 3-hour average Carbon Monoxide emission concentration per turbine basis, after abatement.	2.0 ppmv CO (maximum), dry, corrected to 15% O ₂ , averaged over any rolling 3-hour period.	<u>Max CO, ppmvd @ 15% O₂:</u> S-1: 1.8 S-2: 1.6 S-3: 1.8 S-4: 1.8 In Compliance	Attachment 8

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-17 cont'd	e. Rolling 3-hour average Ammonia (NH ₃) emission concentrations, per turbine unit basis, after abatement systems.	5 ppmv, dry, corrected to 15% O ₂ , averaged over any rolling 3-hour period. Verified by the continuous recording of the ammonia injection rate to each SCR System A-2, A-4, A-6, and A-8. The correlation between the gas turbine heat input rates, A-2, A-4, A-6, and A-8 SCR System ammonia injection rates, and corresponding ammonia emission concentration at emission points P-1, P-2, P-3 and P-4 shall be determined in accordance with AQ-25 or a District approved alternative method.	<u>Max NH₃, ppmvd @ 15% O₂:</u> S-1: 5 S-2: 4 S-3: 3 S-4: 3 In Compliance	Attachment 9
	f. Hourly Precursor Organic Compound (POC) mass emissions limit (as CH ₄), per turbine unit basis.	0.612 lb/hr maximum (as CH ₄), from each turbine exhaust point.	<u>Max POC lb/hr:</u> S-1: 0.027 S-2: 0.033 S-3: 0.045 S-4: 0.027 In Compliance	Attachment 10
	g. Hourly Sulfur dioxide (SO ₂) mass emissions limit, per turbine unit basis, after abatement.	1.347 lb/hr maximum (as SO ₂) from each turbine exhaust point.	<u>Max SO₂ lb/hr:</u> S-1: 0.274 S-2: 0.186 S-3: 0.226 S-4: 0.136 In Compliance	Attachment 10
AQ-18	Maximum startup emissions of NO _x (as NO ₂), CO, and POC (as CH ₄) (lb/startup).	NO _x (NO ₂): 14.2 lb/startup	<u>Max NO_x Startup Emissions, lb</u> S-1: 12.1 S-2: 8.3 S-3: 10.3 S-4: 8.8 In Compliance	Attachment 11

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-18 cont'd		CO: 14.1 lb/startup	<u>Max CO Startup Emissions, lb</u> S-1: 1.6 S-2: 1.7 S-3: 1.6 S-4: 1.9 In Compliance	Attachment 11
		POC (as CH ₄): 1.1 lb/startup	<u>Max POC Startup Emissions, lb</u> S-1: 0.0 S-2: 0.0 S-3: 0.0 S-4: 0.0 In Compliance	Attachment 11
	Maximum hourly emissions of NO _x (as NO ₂), CO, and POC (as CH ₄) with startup.	NO _x (NO ₂): 18.5 lb/hour	<u>Max NO_x Emissions, lb/hr</u> S-1: 12.1 S-2: 8.9 S-3: 10.4 S-4: 10.1 In Compliance	Attachment 11
		CO: 17.3 lb/hour	<u>Max CO Emissions, lb/hr</u> S-1: 2.5 S-2: 2.2 S-3: 2.2 S-4: 2.2 In Compliance	Attachment 11
		POC (as CH ₄): 1.4 lb/hour	<u>Max POC Emissions lb/hr</u> S-1: 0.03 S-2: 0.03 S-3: 0.05 S-4: 0.03 In Compliance	Attachment 11

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-18 cont'd	Maximum shutdown emissions of NO _x (as NO ₂), CO, and POC (as CH ₄) (lb/shutdown).	NO _x (NO ₂): 3.2 lb/shutdown	<u>Max Shutdown Emissions, lb</u> S-1: 1.7 S-2: 1.4 S-3: 2.2 S-4: 1.6 In Compliance	Attachment 11
		CO: 2.7 lb/shutdown	<u>Max Shutdown Emissions, lb</u> S-1: 0.3 S-2: 0.2 S-3: 0.4 S-4: 0.5 In Compliance	Attachment 11
		POC (as CH ₄): 0.12 lb/shutdown	<u>Max Shutdown Emissions lb</u> S-1: 0.00 S-2: 0.00 S-3: 0.00 S-4: 0.00 In Compliance	Attachment 11
AQ-19	Calendar day Cumulative combined emission limits from the Gas Turbines (S-1 + S-2 + S-3 + S-4), including emissions generated during gas turbine start-ups, shutdowns and testing.			
	a. Maximum daily NO _x (as NO ₂) emissions.	NO _x (as NO ₂): 1100 lb/day	Max lb/day NO _x : 124	Attachment 12
	b. Maximum daily CO emissions.	CO: 934 lb/day	Max lb/day CO: 47	
	c. Maximum daily POC emissions.	POC (as CH ₄): 95 lb/day	Max lb/day POC: 1	
	d. Maximum daily SO ₂ emissions.	SO ₂ : 130 lb/day	Max lb/day SO ₂ : 5 In Compliance	
AQ-20	Cumulative combined annual (any consecutive twelve-month period) emissions from the Gas Turbines (S-1 + S-2 + S-3 + S-4):			
	a. Maximum annual NO _x (as NO ₂) emissions.	NO _x (as NO ₂): 45.6 ton/year	<u>Cumulative Ton/Yr</u> Ending 01/31/2022: 6.4 Ending 02/28/2022: 6.5 Ending 03/31/2022: 6.4 In Compliance	Attachment 13

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-20 cont'd	b. Maximum annual CO emissions.	CO: 27.2 ton/year	Ending 01/31/2022: 1.8 Ending 02/28/2022: 1.9 Ending 03/31/2022: 1.9 In Compliance	Attachment 13
	c. Maximum annual POC (as CH ₄) emissions.	POC (as CH ₄): 5.6 ton/year	Ending 01/31/2022: 0.0 Ending 02/28/2022: 0.0 Ending 03/31/2022: 0.0 In Compliance	Attachment 13
	d. Maximum annual PM10 emissions. Emissions of PM10 from each gas turbine shall be calculated by multiplying turbine fuel usage times an emission factor determined by source testing of the turbine conducted in accordance with Part 26. The emission factor for each turbine shall be based on the average of the emissions rates observed during the 4 most recent source tests on that turbine (or, prior to the completion of 4 source tests on a turbine, on the average of the emission rates observed during all source tests on the turbine).	PM10: 18.6 ton/year	Ending 01/31/2022: 0.6 Ending 02/28/2022: 0.6 Ending 03/31/2022: 0.6 In Compliance	Attachment 13
	e. Maximum annual SO ₂ emissions.	SO ₂ : 2.9 ton/year	Ending 01/31/2022: 0.2 Ending 02/28/2022: 0.2 Ending 03/31/2022: 0.2 In Compliance	Attachment 13
AQ-31	Cumulative combined annual Sulfuric Acid Mist (SAM) emissions. (Any consecutive 12-month period) emissions from the gas turbines (S-1 + S-2 + S-3 + S-4).	7.0-ton Sulfuric Acid Mist in any consecutive 12-month.	Cumulative Ton/Year Ending 01/31/2022: 0.28 Ending 02/28/2022: 0.29 Ending 03/31/2022: 0.28 In Compliance	Attachment 14

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-35	The owner/operator of the MEP shall notify the District and the CEC CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, the owner/operator shall submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition.	A summary of significant operation and maintenance events and monitoring records shall be included in the quarterly operation report.	On 3/21/2022, the facility was issued 2 Notice of Violations (NOVs) for failure to report excess emissions at S-2 within 96 hours of the occurrence and failure to submit 10/30-day deviation reports in a timely manner. Operating personnel has since been training on timely reporting and 10/30-day deviation reports have been submitted. A copy of the deviation reports is included. No additional violations of any permit conditions requiring District and CEC notification were found during the 1 st Quarter of 2022 Intermittent Compliance	Attachment 15
AQ-38	The owner/operator shall ensure that the MEP complies with the requirement to hold SO ₂ allowances in 40 CFR 72.9c(1) and the continuous emission monitoring requirements of 40 CFR Part 75.	The project owner shall submit to the CPM and District the results of audits of the monitoring system demonstrating compliance with this condition as part of the quarterly operation report.	Attachment 16 provides the CAMD Balance Report (2/03/2015) for SO ₂ allowances as well as the 1Q 2022 Monthly CEMS Reports summary pages as submitted to BAAQMD. In Compliance	Attachment 16
AQ-39	Cumulative combined annual (any consecutive twelve-month period) operating hours for reliability-related testing of S-6 Emergency Standby Diesel Fire Pump Engine:			
	The owner/operator shall not exceed 50 hours per year per engine for reliability-related testing.	A summary of significant operation and maintenance events and monitoring records shall be included in the quarterly operation report.	Ending 01/31/2022: 26.9 Ending 02/28/2022: 26.9 Ending 03/31/2022: 25.8 In Compliance	Attachment 17

Mariposa Energy, LLC
CEC Quarterly Air Compliance Report

COMPLIANCE SUMMARY

Condition	Condition Description	Verification or Limit	Status	Section
AQ-40	<p>S-6 Emergency Standby Diesel Fire Pump Engine cumulative combined annual (any consecutive twelve-month period) total operating hours, including mitigation of emergency conditions, emissions and reliability testing:</p> <p>The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State, or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operation while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emissions limits is not limited.</p>	<p>A summary of significant operation and maintenance events and monitoring records shall be included in the quarterly operation report.</p>	<p>S-6</p> <p><u>12-Mo Hrs Ending 01/31/22:</u> Total Hrs Operated: 26.9 Hrs Op as allowed: 26.9</p> <p><u>12-Mo Hrs Ending 02/28/22:</u> Total Hrs Operated: 26.9 Hrs Op as allowed: 26.9</p> <p><u>12-Mo Hrs Ending 03/31/22:</u> Total Hrs Operated: 25.8 Hrs Op as allowed: 25.8 In Compliance</p>	Attachment 17
AQ-41	<p>S-6 Emergency Standby Diesel Fire Pump Engine Non-Resettable Totalizing Hour Meter</p> <p>The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engines is installed, operated and properly maintained.</p>	<p>The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission. The project owner shall include a photograph of each totalizing meter in the quarterly operation report.</p>	<p>A photograph of each totalizing meter is included in the quarterly compliance report. In Compliance</p>	Attachment 18

Attachment 2

Monthly Natural Gas Fuel Analysis



ASTM-5504 Sulfur Gas Sampling

Report #22001

January 2022

Located at:

Mariposa Energy LLC

4887 Bruns Rd.

Byron, CA 94514

Phone: (209) 329-3786

Prepared for:

Mariposa Energy LLC

Operations & Maintenance Manager

Attn: Jaymes Martens

j.martens@dgc-ops.com

4887 Bruns Rd

Byron, CA. 94514

Sampling Performed on:

January 3rd, 2022

Report Submitted on:

January 19th, 2022

Prepared by:

BLUE SKY ENVIRONMENTAL, Inc.

624 San Gabriel Ave

Albany, CA 94706

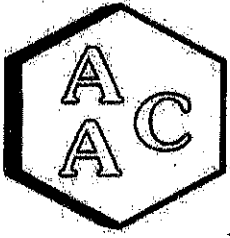
Office 510-525-1261

Mobile 510-508-3469

bluesky@blueskyenvironmental.com

Blue Sky Environmental, Inc. was contracted by Mariposa Energy LLC to perform gas sampling at their site located in Byron, CA. Test results derived from the gas sample are summarized below. The full lab report can be found on the following pages.

Emission Parameter	Results
Total Reduced Sulfurs, ppmv	2.58
Total Reduced Sulfurs, gr/100 DSCF	0.15716



Atmospheric Analysis & Consulting, Inc.

CLIENT : Blue Sky Environmental
PROJECT NAME : Mariposa Energy, LLC
AAC PROJECT NO. : 220020 Rev 1
REPORT DATE : 01/12/2022

On January 4, 2022, Atmospheric Analysis & Consulting, Inc. received one (1) Silonite Canister for Total Reduced Sulfur analysis by ASTM D-5504. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MEPP	220020-26920	630.2

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

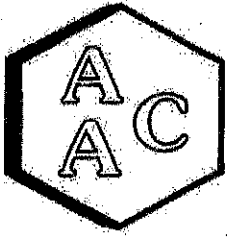
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 5 pages.

Amended Report 220020 Rev 1 supersedes Original Report 220020. The amended report was issued on 01/19/2022. Per client request, results report in grains/100 dscf was added to amended report.



Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

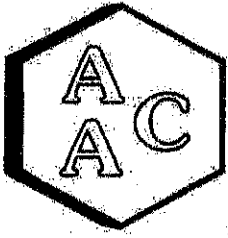
CLIENT : Blue Sky Environmental
PROJECT NO. : 220020 Rev 1
MATRIX : AIR
UNITS : ppmV

SAMPLING DATE : 01/03/2022
RECEIVING DATE : 01/04/2022
ANALYSIS DATE : 01/04/2022
REPORT DATE : 01/12/2022

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	MEPP
AAC ID	220020-26920
Canister Dil. Fac.	1.4
Analyte	Result
Hydrogen Sulfide	0.434
COS / SO ₂	0.229
Methyl Mercaptan	0.095
Ethyl Mercaptan	0.103
Dimethyl Sulfide	0.084
Carbon Disulfide	< 0.072
Isopropyl Mercaptan	< 0.072
tert-Butyl Mercaptan	0.787
n-Propyl Mercaptan	< 0.072
Methylethylsulfide	< 0.072
sec-Butyl Mercaptan / Thiophene	< 0.072
iso-Butyl Mercaptan	< 0.072
Diethyl Sulfide	< 0.072
n-Butyl Mercaptan	< 0.072
Dimethyl Disulfide	< 0.072
2-Methylthiophene	< 0.072
3-Methylthiophene	< 0.072
Tetrahydrothiophene	1.08
Bromothiophene	< 0.072
Thiophenol	< 0.072
Diethyl Disulfide	< 0.072
Total Unidentified Sulfur	< 0.072
Total Reduced Sulfurs	2.58

All unidentified compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

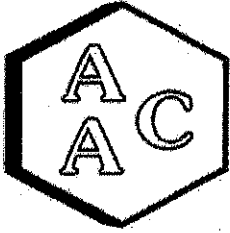
CLIENT : Blue Sky Environmental
PROJECT NO. : 220020 Rev 1
MATRIX : AIR
UNITS : grains/100 dscf

SAMPLING DATE : 01/03/2022
RECEIVING DATE : 01/04/2022
ANALYSIS DATE : 01/04/2022
REPORT DATE : 01/12/2022

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	MEPP
AAC ID	220020-26920
Canister Dil. Fac.	1.4
Analyte	Result
Hydrogen Sulfide	0.02644
COS / SO ₂	0.01394
Methyl Mercaptan	0.00581
Ethyl Mercaptan	0.00630
Dimethyl Sulfide	0.00509
Carbon Disulfide	< 0.00440
Isopropyl Mercaptan	< 0.00440
tert-Butyl Mercaptan	0.04794
n-Propyl Mercaptan	< 0.00440
Methylethylsulfide	< 0.00440
sec-Butyl Mercaptan / Thiophene	< 0.00440
iso-Butyl Mercaptan	< 0.00440
Diethyl Sulfide	< 0.00440
n-Butyl Mercaptan	< 0.00440
Dimethyl Disulfide	< 0.00440
2-Methylthiophene	< 0.00440
3-Methylthiophene	< 0.00440
Tetrahydrothiophene	0.06558
Bromothiophene	< 0.00440
Thiophenol	< 0.00440
Diethyl Disulfide	< 0.00440
Total Unidentified Sulfur	< 0.00440
Total Reduced Sulfurs	0.15716

All unidentified compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 1/4/2022
 Analyst: DL
 Units: ppbV

Instrument ID: SCD#10
 Calb. Date: 12/8/2021

Opening Calibration Verification Standard

519.8 ppbV H₂S (SS1289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2966	520	100.1	0.0
Duplicate	2956	518	99.7	0.3
Triplicate	2973	521	100.3	0.3

527.0 ppbV MeSH (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3508	531	100.7	2.5
Duplicate	3360	508	96.4	1.8
Triplicate	3398	514	97.5	0.7

522.0 ppbV DMS (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3915	519	99.5	0.3
Duplicate	3834	509	97.4	1.8
Triplicate	3960	525	100.6	1.5

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 220002-26860

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate

Sample ID 220002-26860 x10

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	259.9	262.5	259.6	101.0	99.9	1.1
MeSH	<PQL	263.5	260.2	268.9	98.8	102.1	3.3
DMS	<PQL	261.0	259.4	263.0	99.4	100.8	1.4

Closing Calibration Verification Standard

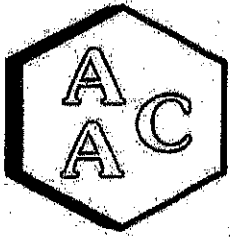
Analyte	Std. Conc.	Result	% Rec **
H ₂ S	519.8	520.9	100.2
MeSH	527.0	518.4	98.4
DMS	522.0	521.5	99.9

* Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

H₂S: PQL = 10.5 ppbV, MDL = 1.12 ppbV

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV

DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Atmospheric Analysis & Consulting, Inc.

CLIENT : Montrose Air Quality Services
PROJECT NAME : Mariposa Energy
PROJECT NO. : PROJ# 013393
AAC PROJECT NO. : 220286
REPORT DATE : 02/17/2022

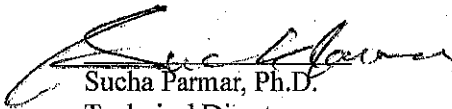
On February 9, 2022, Atmospheric Analysis & Consulting, Inc. received one (1) Six-Liter Silonite Canister for BTU analysis by ASTM D-3588/5504. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	Lab No.	Return Pressure (mmHg)
Fuel-600	220286-27825	540.3

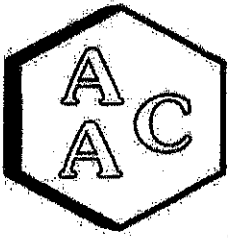
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aacalab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report ASTM-D3588 (BTU and F-Factor)

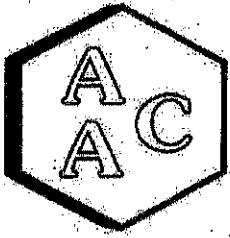
CLIENT : Montrose Air Quality Services
PROJECT NO. : 220286

SAMPLING DATE : 02/07/2022
ANALYSIS DATE : 02/10/2022

Client ID: AAC ID:		Fuel-600 220286-27825			
Component		Mole %	Mole % SRL	Weight %	Weight % SRL
FIXED GASES	H ₂	< 1.69	1.69	< 0.002	0.002
	O ₂	0.19	0.169	0.34	0.003
	N ₂	1.40	0.169	2.22	0.002
	CO	< 0.169	0.169	< 0.002	0.002
	CO ₂	0.72	0.169	1.81	0.004
	CH ₄	90.2	0.00008	82.2	0.007
	He	NM	NM	NM	NM
	Ar	< 0.169	0.169	< 0.004	0.004
HYDROCARBONS	C ₂ (as Ethane)	6.94	0.00042	11.9	0.0007
	C ₃ (as Propane)	0.447	0.00008	1.12	0.0002
	C ₄ (as Butane)	0.105	0.00008	0.345	0.0003
	C ₅ (as Pentane)	0.0162	0.00008	0.0664	0.0003
	C ₆ (as Hexane)	0.00339	0.00008	0.0166	0.0004
	C ₆₊ (as Hexane)	0.00441	0.00008	0.0216	0.0004
TRS	Total Reduced Sulfur	0.000185	0.0000017	0.0004	0.000003
H ₂ O	Moisture content	NM	NM	NM	NM

All results have been normalized to 100% on a dry basis.

Fuel Gas Specifications			
Atomic Breakdown - (scf/lb) / %		HHV Btu/lb	22624
Carbon (C)	72.8	LHV Btu/lb	20405
Hydrogen (H)	23.3	HHV Btu/dscf	1049
Oxygen (O)	1.7	LHV Btu/dscf	947
Nitrogen (N)	2.2	F-Factor	8656
Helium (He)	0.00	Relative Density	0.6077
Argon (Ar)	0.00	C2-C6+ Weight %	13.4327
Sulfur (S)	0.00	MW lb/lb-mole	17.600
Motor Octane Number	126.27	Methane Number	85.97
		Wobbe Number	1345.975



Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

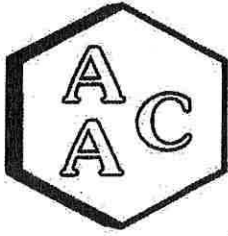
CLIENT : Montrose Air Quality Services
PROJECT NO. : 220286
MATRIX : AIR
UNITS : ppmV

SAMPLING DATE : 02/07/2022
ANALYSIS DATE : 02/14/2022

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	Fuel-600
AAC ID	220286-27825
Canister Dil. Fac.	1.7
Analyte	Result
Hydrogen Sulfide	0.495
COS / SO ₂	0.480
Methyl Mercaptan	0.190
Ethyl Mercaptan	0.167
Dimethyl Sulfide	< 0.084
Carbon Disulfide	< 0.084
Isopropyl Mercaptan	< 0.084
tert-Butyl Mercaptan	0.557
n-Propyl Mercaptan	< 0.084
Methylethylsulfide	< 0.084
sec-Butyl Mercaptan / Thiophene	< 0.084
iso-Butyl Mercaptan	< 0.084
Diethyl Sulfide	< 0.084
n-Butyl Mercaptan	< 0.084
Dimethyl Disulfide	< 0.084
2-Methylthiophene	< 0.084
3-Methylthiophene	< 0.084
Tetrahydrothiophene	0.552
Bromothiophene	< 0.084
Thiophenol	< 0.084
Diethyl Disulfide	< 0.084
Total Unidentified Sulfur	< 0.084
Total Reduced Sulfurs	1.96

All unidentified compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

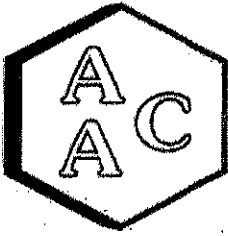
CLIENT : Montrose Air Quality Services
PROJECT NO. : 220286
MATRIX : AIR
UNITS : grains/100 dscf

SAMPLING DATE : 02/07/2022
ANALYSIS DATE : 02/14/2022

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	Fuel-600
AAC ID	220286-27825
Canister Dil. Fac.	1.7
Analyte	Result
Hydrogen Sulfide	0.0302
COS / SO ₂	0.0292
Methyl Mercaptan	0.0116
Ethyl Mercaptan	0.0102
Dimethyl Sulfide	< 0.00513
Carbon Disulfide	< 0.00513
Isopropyl Mercaptan	< 0.00513
tert-Butyl Mercaptan	0.0339
n-Propyl Mercaptan	< 0.00513
Methylethylsulfide	< 0.00513
sec-Butyl Mercaptan / Thiophene	< 0.00513
iso-Butyl Mercaptan	< 0.00513
Diethyl Sulfide	< 0.00513
n-Butyl Mercaptan	< 0.00513
Dimethyl Disulfide	< 0.00513
2-Methylthiophene	< 0.00513
3-Methylthiophene	< 0.00513
Tetrahydrothiophene	0.0336
Bromothiophene	< 0.00513
Thiophenol	< 0.00513
Diethyl Disulfide	< 0.00513
Total Unidentified Sulfur	< 0.00513
Total Reduced Sulfurs	0.119

All unidentified compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
 Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 2/14/2022
 Analyst: DL
 Units: ppbV

Instrument ID: SCD#10
 Calb. Date: 12/8/2021

Opening Calibration Verification Standard

519.8 ppbV H₂S (SSI 289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3035	532	102.4	1.9
Duplicate	2947	517	99.4	1.1
Triplicate	2954	518	99.7	0.8

527.0 ppbV MeSH (SSI 289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3547	536	101.8	0.7
Duplicate	3525	533	101.2	0.1
Triplicate	3493	528	100.3	0.8

522.0 ppbV DMS (SSI 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3949	524	100.3	0.1
Duplicate	4031	535	102.4	2.2
Triplicate	3851	511	97.9	2.3

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 220173-27362

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate

Sample ID 0

Analyte	Sample Conc.	Spilke Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	259.9	257.2	270.6	99.0	104.1	5.1
MeSH	<PQL	263.5	262.0	263.1	99.4	99.8	0.4
DMS	<PQL	261.0	253.8	276.3	97.3	105.9	8.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	519.8	537.2	103.4
MeSH	527.0	553.0	104.9
DMS	522.0	556.3	106.6

* Must be 95-105%, ** Must be 90-110%, *** Must be <10%, **** Must be <5% RPD from Mean result.

H₂S: PQL = 10.5 ppbV, MDL = 1.12 ppbV

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV

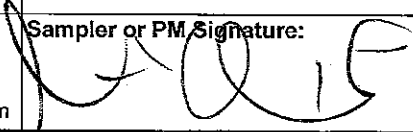
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

CHAIN OF CUSTODY




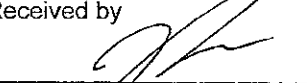
Antioch Location
2825 Verne Roberts Circle
Antioch, CA 94509
Phone (925) 680-4300 | Fax (925) 680-4416

220286

Lab info:
Atmospheric Analysis and Consulting, Inc. (AAC)
2225 Sperry Avenue
Ventura, CA 93003

Client / Project: Mariposa Energy	Project / Sample Location: Unit 700 Fuel Sample	Test / Analytical Method: ASTM D-3588 & D-5504
Project No.: PROJ# 013393	Purchase Order No.:	Special Analysis / Reporting Instructions: HHV, Total Sulfur as H2S, g/scf
Send Analytical Report To: nohlendorf@montrose-env.com Antioch QA/QC: AntiochQA-QC@montrose-env.com		
Sampler or PM Signature: 		

Run / Sample No.	Date	Time	Containers	Sample Fraction	Reagent	Lab / Sample ID No.
Fuel - 600	2/7/22	1500	1	27825 Natural Gas	N/A	Can # 938
Total Containers			1			

Relinquished by 	Date 2/7/22	Time 2030	Received by 	Date 2/8/22	Time 0838	Temp.
Relinquished by Charlie to FedEx 	Date 2/8/22	Time 0838	Received by	Date	Time	Temp.
Relinquished by	Date	Time	Received by 	Date 2/9/22	Time 1931	Temp.

EX lx com



**ASTM-5504 Sulfur Gas Sampling
Report #22076**

March 2022

Located at:

Mariposa Energy LLC

4887 Bruns Rd.

Byron, CA 94514

Phone: (209) 329-3786

Prepared for:

Mariposa Energy LLC

Operations & Maintenance Manager

4887 Bruns Rd

Byron, CA. 94514

Attn: Jaymes Martens

j.martens@dgc-ops.com

Sampling Performed on:

March 4th, 2022

Report Submitted on:

March 15th, 2022

Prepared by:

BLUE SKY ENVIRONMENTAL, Inc.

624 San Gabriel Ave

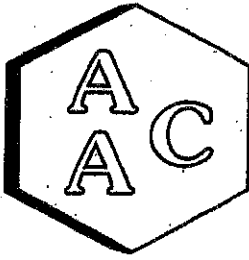
Albany, CA 94706

office 510-525-1261/ mobile 510-508-3469

bluesky@blueskyenvironmental.com

Blue Sky Environmental, Inc. was contracted by Mariposa Energy LLC to perform gas sampling at their site located in Byron, CA. Test results derived from the gas sample are summarized below. The full lab report can be found on the following pages.

Emission Parameter	Results
Total Reduced Sulfurs, ppmv	1.36
Total Reduced Sulfurs, gr/100 DSCF	0.0826



Atmospheric Analysis & Consulting, Inc.

CLIENT : Blue Sky Environmental
PROJECT NAME : Mariposa Energy, LLC
AAC PROJECT NO. : 220452
REPORT DATE : 03/10/2022

On March 7, 2022, Atmospheric Analysis & Consulting, Inc. received one (1) Six-Liter Silonite Canister for Total Reduced Sulfur analysis by ASTM D-5504. Upon receipt, the sample was assigned a unique Laboratory ID number as follows:

Client ID	Lab No.	Return Pressure (mmHg)
MEPP	220452-28537	637.0

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

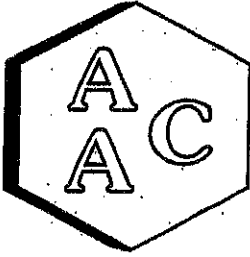
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of this sample. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Partojar, Ph.D.
Technical Director

This report consists of 5 pages.





Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : Blue Sky Environmental
PROJECT NO. : 220452
MATRIX : AIR
UNITS : ppmV

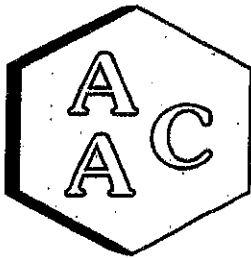
SAMPLING DATE : 03/04/2022
RECEIVING DATE : 03/07/2022
ANALYSIS DATE : 03/09/2022
REPORT DATE : 03/10/2022

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	MEPP
AAC ID	220452-28537
Canister Dil. Fac.	1.4
Analyte	Result
Hydrogen Sulfide	0.121
COS / SO ₂	0.481
Methyl Mercaptan	< 0.071
Ethyl Mercaptan	< 0.071
Dimethyl Sulfide	< 0.071
Carbon Disulfide	< 0.071
Isopropyl Mercaptan	< 0.071
tert-Butyl Mercaptan	0.457
n-Propyl Mercaptan	< 0.071
Methylethylsulfide	< 0.071
sec-Butyl Mercaptan / Thiophene	< 0.071
iso-Butyl Mercaptan	< 0.071
Diethyl Sulfide	< 0.071
n-Butyl Mercaptan	< 0.071
Dimethyl Disulfide	< 0.071
2-Methylthiophene	< 0.071
3-Methylthiophene	< 0.071
Tetrahydrothiophene	0.779
Bromothiophene	< 0.071
Thiophenol	< 0.071
Diethyl Disulfide	< 0.071
Total Unidentified Sulfur	< 0.071
Total Reduced Sulfurs	1.36

All unidentified compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.





Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : Blue Sky Environmental
PROJECT NO. : 220452
MATRIX : AIR
UNITS : grains/100 dscf

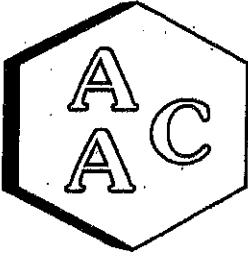
SAMPLING DATE : 03/04/2022
RECEIVING DATE : 03/07/2022
ANALYSIS DATE : 03/09/2022
REPORT DATE : 03/10/2022

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	MEPP
AAC ID	220452-28537
Canister Dil. Fac.	1.4
Analyte	Result
Hydrogen Sulfide	0.00737
COS / SO ₂	0.0293
Methyl Mercaptan	< 0.00432
Ethyl Mercaptan	< 0.00432
Dimethyl Sulfide	< 0.00432
Carbon Disulfide	< 0.00432
Isopropyl Mercaptan	< 0.00432
tert-Butyl Mercaptan	0.0278
n-Propyl Mercaptan	< 0.00432
Methylethylsulfide	< 0.00432
sec-Butyl Mercaptan / Thiophene	< 0.00432
iso-Butyl Mercaptan	< 0.00432
Diethyl Sulfide	< 0.00432
n-Butyl Mercaptan	< 0.00432
Dimethyl Disulfide	< 0.00432
2-Methylthiophene	< 0.00432
3-Methylthiophene	< 0.00432
Tetrahydrothiophene	0.0474
Bromothiophene	< 0.00432
Thiophenol	< 0.00432
Diethyl Disulfide	< 0.00432
Total Unidentified Sulfur	< 0.00432
Total Reduced Sulfurs	0.0826

All unidentified compound's concentrations expressed in terms of H₂S (TRS does not include COS and SO₂)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.





Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 3/9/2022
 Analyst: DL
 Units: ppbV

Instrument ID: SCD#10
 Calb. Date: 12/8/2021

Opening Calibration Verification Standard

519.8 ppbV H₂S (SSI289)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2992	525	100.9	1.1
Duplicate	2952	518	99.6	0.2
Triplicate	2932	514	98.9	0.9

527.0 ppbV MeSH (SSI289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3329	504	95.5	0.8
Duplicate	3392	513	97.4	1.0
Triplicate	3351	507	96.2	0.2

522.0 ppbV DMS (SSI289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	3874	514	98.4	0.8
Duplicate	3886	515	98.7	0.5
Triplicate	3955	525	100.5	1.3

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 220473-28631

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	5654.9	5753.5	5704.2	1.7
MeSH	155.2	143.5	149.4	7.8
DMS	<PQL	<PQL	0.0	0.0

Matrix Spike & Duplicate

Sample ID 220473-28631 x10

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	570.4	259.9	834.6	836.2	100.5	100.7	0.2
MeSH	14.9	263.5	277.4	274.9	99.6	98.7	0.9
DMS	<PQL	261.0	264.4	269.0	101.3	103.1	1.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	519.8	535.1	103.0
MeSH	527.0	527.1	100.0
DMS	522.0	552.4	105.8

* Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.

H₂S: PQL = 10.5 ppbV, MDL = 1.12 ppbV

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV

DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



Attachment 3

Condition AQ-12/13: Heat Input Report

AQ-12/13: Heat Input Limits: 1-hr & Daily Maximums for all CTGs (Attachment 3)

4/3/2022 9:09:35 PM

Page 1 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour mmBTU/Hr Limit 500	S-2:Unit 700 Max 1-Hour mmBTU/Hr Limit 500	S-3:Unit 800 Max 1-Hour mmBTU/Hr Limit 500	S-4:Unit 900 Max 1-Hour mmBTU/Hr Limit 500	S-1:Unit 600 Total mmBTU/Day Limit 11544	S-2:Unit 700 Total mmBTU/Day Limit 11544	S-3:Unit 800 Total mmBTU/Day Limit 11544	S-4:Unit 900 Total mmBTU/Day Limit 11544
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	216	223	221	221	290	298	298	296
01/03/2022 0:00	269	275	321	313	1338	1820	2318	2269
01/04/2022 0:00	267	273	272	274	406	770	1070	1070
01/05/2022 0:00	263	273	271	273	345	702	1003	998
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	261	266	162	163	586	598	302	301
01/10/2022 0:00	268	274	272	274	1353	1382	1143	1143
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	267	274	271	Down	946	967	575	Down
01/13/2022 0:00	268	Down	Down	273	427	Down	Down	435
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	267	271	269	272	624	634	636	636
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	268	274	271	273	1034	1055	526	1025
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	263	269	266	162	657	672	673	301
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	162	165	161	162	306	312	301	299
01/27/2022 0:00	220	226	223	225	354	362	362	363
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	161	164	164	163	293	298	302	298
02/01/2022 0:00	318	273	273	272	773	2069	741	708
02/02/2022 0:00	268	455	271	272	360	1877	370	367
02/03/2022 0:00	268	464	283	272	720	6761	786	367
02/04/2022 0:00	Down	258	Down	Down	Down	2269	Down	Down
02/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/07/2022 0:00	456	Down	Down	Down	6037	Down	Down	Down
02/08/2022 0:00	260	Down	267	Down	1234	Down	1418	Down
02/09/2022 0:00	Down	Down	452	Down	Down	Down	5836	Down
02/10/2022 0:00	Down	Down	Down	452	Down	Down	Down	6260
02/11/2022 0:00	159	269	161	271	294	603	302	1977
02/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/13/2022 0:00	Down	Down	257	Down	Down	Down	290	Down
02/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/15/2022 0:00	Down	Down	Down	270	Down	Down	Down	562

AQ-12/13: Heat Input Limits: 1-hr & Daily Maximums for all CTGs (Attachment 3)

4/3/2022 9:09:35 PM

Page 2 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour mmBTU/Hr Limit 500	S-2:Unit 700 Max 1-Hour mmBTU/Hr Limit 500	S-3:Unit 800 Max 1-Hour mmBTU/Hr Limit 500	S-4:Unit 900 Max 1-Hour mmBTU/Hr Limit 500	S-1:Unit 600 Total mmBTU/Day Limit 11544	S-2:Unit 700 Total mmBTU/Day Limit 11544	S-3:Unit 800 Total mmBTU/Day Limit 11544	S-4:Unit 900 Total mmBTU/Day Limit 11544
02/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/17/2022 0:00	262	Down	266	448	321	Down	400	1294
02/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/19/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/20/2022 0:00	Down	Down	Down	271	Down	Down	Down	831
02/21/2022 0:00	268	272	271	272	621	625	631	623
02/22/2022 0:00	266	279	269	271	1289	1401	1304	1310
02/23/2022 0:00	439	448	437	416	2241	2248	2294	2236
02/24/2022 0:00	445	450	399	440	3107	3139	2246	3047
02/25/2022 0:00	267	273	269	271	354	362	359	360
02/26/2022 0:00	270	276	273	274	725	742	743	737
02/27/2022 0:00	Down	Down	231	Down	Down	Down	305	Down
02/28/2022 0:00	Down	Down	265	Down	Down	Down	951	Down
03/01/2022 0:00	Down	275	Down	Down	Down	1741	Down	Down
03/02/2022 0:00	272	277	276	277	905	922	923	920
03/03/2022 0:00	228	233	232	232	429	438	442	436
03/04/2022 0:00	355	359	355	344	389	394	392	378
03/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	270	275	273	273	1904	853	849	848
03/08/2022 0:00	Down	276	Down	Down	Down	853	Down	Down
03/09/2022 0:00	Down	Down	273	Down	Down	Down	845	Down
03/10/2022 0:00	270	276	273	275	567	579	579	2195
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	268	Down	Down	267	833	Down	Down	298
03/13/2022 0:00	Down	Down	273	Down	Down	Down	853	Down
03/14/2022 0:00	271	Down	Down	Down	1445	Down	Down	Down
03/15/2022 0:00	229	234	232	233	305	312	316	315
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	246	250	445	446	317	323	851	850
03/19/2022 0:00	439	442	438	440	2158	2153	2174	1673
03/20/2022 0:00	Down	188	187	188	Down	222	224	223
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	164	429	303	326	326	439	363	596
03/30/2022 0:00	262	268	269	273	360	368	369	375
03/31/2022 0:00	267	Down	274	277	629	Down	644	649

AQ-12/13: Heat Input Limits: 1-hr & Daily Maximums for all CTGs (Attachment 3)

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Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour mmBTU/Hr Limit 500	S-2:Unit 700 Max 1-Hour mmBTU/Hr Limit 500	S-3:Unit 800 Max 1-Hour mmBTU/Hr Limit 500	S-4:Unit 900 Max 1-Hour mmBTU/Hr Limit 500	S-1:Unit 600 Total mmBTU/Day Limit 11544	S-2:Unit 700 Total mmBTU/Day Limit 11544	S-3:Unit 800 Total mmBTU/Day Limit 11544	S-4:Unit 900 Total mmBTU/Day Limit 11544
Total:					37600	41563	38309	39871
Average:	273	290	277	284	940	1123	891	997
Maximum:	456	464	452	452	6037	6761	5836	6260
Minimum:	159	164	161	162	290	222	224	223

Attachment 4

**Condition AQ-14 Heat Input Limit:
Rolling 12-Month Combined
CTG Heat Input Report**

AQ-14: Heat Input Limit: Rolling 12-Month combined CTG Heat Input (Attachment 4)

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Page 1 of 1

Unit Name: Mariposa Facility

DATE/TIME	S-1:Unit 600 Total MMbtu	S-2:Unit 700 Total MMbtu	S-3:Unit 800 Total MMbtu	S-4:Unit 900 Total MMbtu	Facility Total MMbtu Annual Limit 8,128,900
01/2022	247,133	244,900	208,090	226,249	926,372
02/2022	253,920	252,188	213,025	230,910	950,043
03/2022	248,281	244,521	208,316	228,449	929,567
Maximum:	253,920	252,188	213,025	230,910	950,043
Minimum:	247,133	244,521	208,090	226,249	926,372

Attachment 5

**Condition AQ-15a/b Operating Hour Limits:
Rolling 12-Month Individual and Combined CTG Hours Report**

Unit Name: Mariposa Facility

DATE/TIME	S-1:Unit 600 Operating Hrs Limit 5,200	S-2:Unit 700 Operating Hrs Limit 5,200	S-3:Unit 800 Operating Hrs Limit 5,200	S-4:Unit 900 Operating Hrs Limit 5,200	Facility Operating Hrs Limit 16,900
01/2022	777	770	642	707	2,896
02/2022	796	787	655	716	2,954
03/2022	782	766	645	709	2,902
Maximum:	796	787	655	716	2,954
Minimum:	777	766	642	707	2,896

Attachment 6

Condition AQ-16: SCR/Oxidation Catalyst Operation Report

Condition AQ-16: SCR/Oxidation Catalyst Operation Report

Permit to Operate Condition 24955 part 16 (AQ-16) states:

The owner/operator shall ensure that each Gas Turbine (S-1, S-2, S-3, S-4) is abated by the properly operated and properly maintained Selective Catalytic Reduction (SCR) System A-2, A-4, A-6 or A-8 and Oxidation Catalyst System A-1, A-3, A-5, or A-7 whenever fuel is combusted at those sources and the corresponding SCR catalyst bed (A-2, A-4, A-6 or A-8) has reached minimum operating temperature.

The emission reports presented in Attachments 7, 8, 12, and 13 demonstrate that the gas turbines are operating properly as abated by the Catalytic Reduction (SCR) System A-2, A-4, A-6 or A-8 and Oxidation Catalyst System A-1, A-3, A-5, or A-7 and demonstrate compliance with Condition 24955 parts AQ-17a, 17b, 17c, 17d, 19, and 20.

Demonstration of operation above the minimum catalyst bed temperature is demonstrated by compliance with BAAQMD ATC Condition 24955, parts AQ-17a, 17b, 17c, 17d, 19, and 20.

Attachment 7

**Condition AQ-17a/b NOx Emission Limits:
Hourly Mass Rate and Hourly Average
Concentration Report**

AQ-17a/b: NOx Emission Limits: Hourly mass rate and hourly average concentration (Attachment 7)

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Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-2:Unit 700 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-3:Unit 800 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-4:Unit 900 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-1:Unit 600 Max 1-Hour NOx ppmc Limit 2.5	S-2:Unit 700 Max 1-Hour NOx ppmc Limit 2.5	S-3:Unit 800 Max 1-Hour NOx ppmc Limit 2.5	S-4:Unit 900 Max 1-Hour NOx ppmc Limit 2.5
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	0.6	0.4	0.6	0.7	0.7	0.4	0.6	0.7
01/03/2022 0:00	1.8	1.9	2.0	2.1	1.8	1.9	1.9	1.8
01/04/2022 0:00	1.4	1.8	1.8	1.8	1.4	1.8	1.8	1.8
01/05/2022 0:00	1.1	1.8	1.8	1.8	1.1	1.8	1.8	1.8
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	1.5	1.4	0.6	0.8	1.5	1.4	0.6	0.8
01/10/2022 0:00	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	1.8	1.8	1.6	Down	1.9	1.8	1.6	Down
01/13/2022 0:00	1.6	Down	Down	1.6	1.6	Down	Down	1.6
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	1.8	1.8	1.7	1.8	1.9	1.8	1.7	1.8
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	1.9	1.9	1.6	1.8	1.9	1.9	1.6	1.8
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	1.5	1.2	1.5	0.7	1.5	1.2	1.5	0.7
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	0.8	0.6	0.6	0.7	0.8	0.6	0.6	0.7
01/27/2022 0:00	1.2	1.0	1.0	1.1	1.2	1.0	1.0	1.1
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	0.5	0.4	0.5	0.7	0.5	0.3	0.5	0.7
02/01/2022 0:00	2.2	1.7	1.8	1.8	2.0	1.7	1.7	1.8
02/02/2022 0:00	1.2	3.1	0.9	1.1	1.2	1.9	0.9	1.1
02/03/2022 0:00	1.9	3.2	1.5	1.1	1.9	1.9	1.5	1.1
02/04/2022 0:00	Down	1.7	Down	Down	Down	1.9	Down	Down
02/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/07/2022 0:00	3.8	Down	Down	Down	2.3	Down	Down	Down
02/08/2022 0:00	2.1	Down	2.1	Down	2.2	Down	2.2	Down
02/09/2022 0:00	Down	Down	3.4	Down	Down	Down	2.1	Down
02/10/2022 0:00	Down	Down	Down	3.8	Down	Down	Down	2.3
02/11/2022 0:00	0.6	1.3	0.6	2.2	0.6	1.3	0.6	2.2
02/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/13/2022 0:00	Down	Down	0.6	Down	Down	Down	0.6	Down
02/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/15/2022 0:00	Down	Down	Down	1.7	Down	Down	Down	1.7

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-2:Unit 700 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-3:Unit 800 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-4:Unit 900 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-1:Unit 600 Max 1-Hour NOx ppmc Limit 2.5	S-2:Unit 700 Max 1-Hour NOx ppmc Limit 2.5	S-3:Unit 800 Max 1-Hour NOx ppmc Limit 2.5	S-4:Unit 900 Max 1-Hour NOx ppmc Limit 2.5
02/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/17/2022 0:00	0.8	Down	1.3	1.6	0.8	Down	1.3	0.9
02/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/19/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/20/2022 0:00	Down	Down	Down	1.9	Down	Down	Down	1.9
02/21/2022 0:00	1.9	1.6	1.8	1.8	2.0	1.6	1.8	1.8
02/22/2022 0:00	1.8	2.9	1.8	1.8	1.8	2.1	1.9	1.8
02/23/2022 0:00	2.8	3.0	3.0	3.1	2.0	2.0	2.1	2.2
02/24/2022 0:00	3.7	3.6	3.5	3.9	2.3	2.2	2.1	2.4
02/25/2022 0:00	1.2	1.1	1.0	1.0	1.2	1.1	1.0	1.0
02/26/2022 0:00	1.9	1.8	1.6	1.8	1.9	1.7	1.6	1.8
02/27/2022 0:00	Down	Down	0.6	Down	Down	Down	0.6	Down
02/28/2022 0:00	Down	Down	1.7	Down	Down	Down	1.8	Down
03/01/2022 0:00	Down	1.9	Down	Down	Down	1.8	Down	Down
03/02/2022 0:00	2.0	1.9	1.8	1.8	2.0	1.8	1.8	1.8
03/03/2022 0:00	1.5	1.6	1.3	1.2	1.5	1.6	1.3	1.2
03/04/2022 0:00	1.2	1.7	1.0	1.0	0.9	1.2	0.8	0.8
03/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	1.8	1.8	1.9	1.9	1.8	1.8	1.9	1.8
03/08/2022 0:00	Down	1.1	Down	Down	Down	1.1	Down	Down
03/09/2022 0:00	Down	Down	0.8	Down	Down	Down	0.8	Down
03/10/2022 0:00	1.9	1.7	1.7	1.4	1.9	1.7	1.7	1.3
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	1.9	Down	Down	0.7	1.9	Down	Down	0.7
03/13/2022 0:00	Down	Down	1.8	Down	Down	Down	1.8	Down
03/14/2022 0:00	1.9	Down	Down	Down	1.9	Down	Down	Down
03/15/2022 0:00	0.9	0.6	0.6	0.8	0.9	0.6	0.6	0.8
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	0.7	0.7	2.3	1.5	0.7	0.7	1.7	1.4
03/19/2022 0:00	2.9	2.3	3.2	2.8	1.9	1.8	2.1	1.9
03/20/2022 0:00	Down	0.3	0.3	0.3	Down	0.3	0.3	0.3
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	0.7	1.0	0.5	1.2	0.5	0.6	0.3	1.0
03/30/2022 0:00	1.3	0.9	1.0	1.1	1.3	0.9	1.0	1.1
03/31/2022 0:00	1.9	Down	1.7	1.9	1.9	Down	1.7	1.8

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-2:Unit 700 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-3:Unit 800 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-4:Unit 900 Max 1-Hour NOx Lbs/Hr Limit 4.4	S-1:Unit 600 Max 1-Hour NOx ppmc Limit 2.5	S-2:Unit 700 Max 1-Hour NOx ppmc Limit 2.5	S-3:Unit 800 Max 1-Hour NOx ppmc Limit 2.5	S-4:Unit 900 Max 1-Hour NOx ppmc Limit 2.5
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Total:								
Average:	1.6	1.6	1.5	1.6	1.5	1.4	1.4	1.4
Maximum:	3.8	3.6	3.5	3.9	2.3	2.2	2.2	2.4
Minimum:	0.5	0.3	0.3	0.3	0.5	0.3	0.3	0.3

Attachment 8

**Condition AQ-17c/d CO Emission Limits:
Hourly Mass Rate/Rolling 3-Hr Concentration Report**

AQ-17c/d: CO Emission Limits: Hourly mass rate/Rolling 3-hr Concentration (Attachment 8)

4/3/2022 9:10:46 PM

Page 1 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour CO Lbs/Hr Limit 2.14	S-2:Unit 700 Max 1-Hour CO Lbs/Hr Limit 2.14	S-3:Unit 800 Max 1-Hour CO Lbs/Hr Limit 2.14	S-4:Unit 900 Max 1-Hour CO Lbs/Hr Limit 2.14	S-1:Unit 600 Max 3-Hour CO@15%O2 Limit 2.0	S-2:Unit 700 Max 3-Hour CO@15%O2 Limit 2.0	S-3:Unit 800 Max 3-Hour CO@15%O2 Limit 2.0	S-4:Unit 900 Max 3-Hour CO@15%O2 Limit 2.0
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	0.37	0.30	0.38	0.14	0.2	0.2	0.2	0.1
01/03/2022 0:00	0.65	0.71	1.61	0.53	0.6	0.7	1.8	0.5
01/04/2022 0:00	0.46	0.51	0.88	0.39	0.3	0.6	1.2	0.5
01/05/2022 0:00	0.45	0.75	1.09	0.41	0.3	0.7	1.4	0.5
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	0.66	0.40	0.35	0.15	0.5	0.3	0.2	0.1
01/10/2022 0:00	0.78	0.67	0.90	0.16	1.0	0.8	1.1	0.1
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	0.86	0.69	0.86	Down	1.3	1.0	0.7	Down
01/13/2022 0:00	0.75	Down	Down	0.62	0.4	Down	Down	0.3
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	0.83	0.75	0.91	0.24	0.8	0.6	0.8	0.2
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	0.93	0.97	0.87	0.21	1.4	1.5	0.6	0.3
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	0.69	0.66	0.71	0.08	0.6	0.6	0.6	0.0
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	0.29	0.25	0.31	0.02	0.2	0.1	0.2	0.0
01/27/2022 0:00	0.48	0.48	0.53	0.17	0.3	0.3	0.3	0.1
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	0.34	0.28	0.33	0.18	0.2	0.1	0.2	0.1
02/01/2022 0:00	1.05	0.91	0.97	0.00	0.8	1.5	0.9	0.0
02/02/2022 0:00	0.47	1.78	0.62	0.00	0.3	1.4	0.4	0.0
02/03/2022 0:00	0.89	1.67	1.16	0.10	0.5	1.6	1.3	0.1
02/04/2022 0:00	Down	0.94	Down	Down	Down	1.6	Down	Down
02/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/07/2022 0:00	1.93	Down	Down	Down	1.8	Down	Down	Down
02/08/2022 0:00	0.96	Down	0.95	Down	1.5	Down	1.6	Down
02/09/2022 0:00	Down	Down	1.65	Down	Down	Down	1.6	Down
02/10/2022 0:00	Down	Down	Down	1.15	Down	Down	Down	1.1
02/11/2022 0:00	0.40	0.80	0.41	0.87	0.2	0.6	0.2	0.9
02/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/13/2022 0:00	Down	Down	0.43	Down	Down	Down	0.2	Down
02/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/15/2022 0:00	Down	Down	Down	1.09	Down	Down	Down	0.8

AQ-17c/d: CO Emission Limits: Hourly mass rate/Rolling 3-hr Concentration (Attachment 8)

4/3/2022 9:10:46 PM

Page 2 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour CO Lbs/Hr Limit 2.14	S-2:Unit 700 Max 1-Hour CO Lbs/Hr Limit 2.14	S-3:Unit 800 Max 1-Hour CO Lbs/Hr Limit 2.14	S-4:Unit 900 Max 1-Hour CO Lbs/Hr Limit 2.14	S-1:Unit 600 Max 3-Hour CO@15%O2 Limit 2.0	S-2:Unit 700 Max 3-Hour CO@15%O2 Limit 2.0	S-3:Unit 800 Max 3-Hour CO@15%O2 Limit 2.0	S-4:Unit 900 Max 3-Hour CO@15%O2 Limit 2.0
02/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/17/2022 0:00	0.38	Down	0.75	0.58	0.2	Down	0.4	0.3
02/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/19/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/20/2022 0:00	Down	Down	Down	0.71	Down	Down	Down	0.9
02/21/2022 0:00	0.97	0.88	1.06	1.10	0.8	0.7	0.9	0.9
02/22/2022 0:00	1.08	1.22	1.13	1.16	1.7	1.4	1.8	1.8
02/23/2022 0:00	1.82	1.73	1.74	2.12	1.6	1.4	1.7	1.7
02/24/2022 0:00	1.80	1.63	1.65	1.74	1.7	1.6	1.5	1.7
02/25/2022 0:00	0.67	0.64	0.68	0.66	0.4	0.4	0.4	0.4
02/26/2022 0:00	1.08	0.86	0.99	1.03	0.8	0.6	0.6	0.7
02/27/2022 0:00	Down	Down	0.46	Down	Down	Down	0.3	Down
02/28/2022 0:00	Down	Down	1.05	Down	Down	Down	1.6	Down
03/01/2022 0:00	Down	0.61	Down	Down	Down	0.9	Down	Down
03/02/2022 0:00	0.75	0.70	1.02	1.13	1.0	0.9	1.4	1.5
03/03/2022 0:00	0.52	0.61	0.84	0.77	0.3	0.3	0.5	0.4
03/04/2022 0:00	0.42	0.40	0.49	0.45	0.2	0.2	0.2	0.2
03/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	1.06	0.91	0.98	1.10	1.6	1.1	1.2	1.4
03/08/2022 0:00	Down	0.51	Down	Down	Down	0.7	Down	Down
03/09/2022 0:00	Down	Down	0.52	Down	Down	Down	0.7	Down
03/10/2022 0:00	0.81	0.85	0.96	0.51	0.6	0.6	0.7	0.7
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	0.68	Down	Down	0.00	0.9	Down	Down	0.0
03/13/2022 0:00	Down	Down	0.96	Down	Down	Down	1.2	Down
03/14/2022 0:00	0.95	Down	Down	Down	1.4	Down	Down	Down
03/15/2022 0:00	0.46	0.37	0.43	0.00	0.2	0.2	0.2	0.0
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	0.43	0.50	1.26	0.22	0.2	0.3	0.8	0.1
03/19/2022 0:00	1.60	1.18	1.62	0.03	1.5	1.5	1.6	0.0
03/20/2022 0:00	Down	0.11	0.14	0.00	Down	0.1	0.1	0.0
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	0.16	0.44	0.23	0.61	0.1	0.1	0.1	0.3
03/30/2022 0:00	0.58	0.44	0.60	0.72	0.3	0.2	0.3	0.4
03/31/2022 0:00	1.01	Down	0.97	1.16	0.9	Down	0.9	1.0

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour CO Lbs/Hr Limit 2.14	S-2:Unit 700 Max 1-Hour CO Lbs/Hr Limit 2.14	S-3:Unit 800 Max 1-Hour CO Lbs/Hr Limit 2.14	S-4:Unit 900 Max 1-Hour CO Lbs/Hr Limit 2.14	S-1:Unit 600 Max 3-Hour CO@15%O2 Limit 2.0	S-2:Unit 700 Max 3-Hour CO@15%O2 Limit 2.0	S-3:Unit 800 Max 3-Hour CO@15%O2 Limit 2.0	S-4:Unit 900 Max 3-Hour CO@15%O2 Limit 2.0
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Total:								
Average:	0.79	0.76	0.85	0.56	0.7	0.7	0.8	0.5
Maximum:	1.93	1.78	1.74	2.12	1.8	1.6	1.8	1.8
Minimum:	0.16	0.11	0.14	0.00	0.1	0.1	0.1	0.0

Attachment 9

**Condition AQ-17e NH₃ Emission Limits:
Rolling 3-Hr Slip Calculation Report**

AQ-17e: NH3 Emission Limits: Rolling 3-hr NH3 slip calculation (Attachment 9)

4/3/2022 9:10:56 PM

Page 1 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 3-Hour NH3 ppmc Limit 5	S-2:Unit 700 Max 3-Hour NH3 ppmc Limit 5	S-3:Unit 800 Max 3-Hour NH3 ppmc Limit 5	S-4:Unit 900 Max 3-Hour NH3 ppmc Limit 5				
01/01/2022 0:00	Down	Down	Down	Down				
01/02/2022 0:00	0	0	0	0				
01/03/2022 0:00	0	1	1	1				
01/04/2022 0:00	0	0	1	1				
01/05/2022 0:00	0	0	1	1				
01/06/2022 0:00	Down	Down	Down	Down				
01/07/2022 0:00	Down	Down	Down	Down				
01/08/2022 0:00	Down	Down	Down	Down				
01/09/2022 0:00	0	0	0	0				
01/10/2022 0:00	0	1	1	1				
01/11/2022 0:00	Down	Down	Down	Down				
01/12/2022 0:00	0	1	0	Down				
01/13/2022 0:00	0	Down	Down	0				
01/14/2022 0:00	Down	Down	Down	Down				
01/15/2022 0:00	Down	Down	Down	Down				
01/16/2022 0:00	Down	Down	Down	Down				
01/17/2022 0:00	0	0	0	1				
01/18/2022 0:00	Down	Down	Down	Down				
01/19/2022 0:00	0	1	0	2				
01/20/2022 0:00	Down	Down	Down	Down				
01/21/2022 0:00	Down	Down	Down	Down				
01/22/2022 0:00	Down	Down	Down	Down				
01/23/2022 0:00	Down	Down	Down	Down				
01/24/2022 0:00	0	0	0	0				
01/25/2022 0:00	Down	Down	Down	Down				
01/26/2022 0:00	0	0	0	0				
01/27/2022 0:00	0	0	0	0				
01/28/2022 0:00	Down	Down	Down	Down				
01/29/2022 0:00	Down	Down	Down	Down				
01/30/2022 0:00	Down	Down	Down	Down				
01/31/2022 0:00	0	0	0	0				
02/01/2022 0:00	1	1	1	1				
02/02/2022 0:00	0	3	0	0				
02/03/2022 0:00	0	4	1	0				
02/04/2022 0:00	Down	0	Down	Down				
02/05/2022 0:00	Down	Down	Down	Down				
02/06/2022 0:00	Down	Down	Down	Down				
02/07/2022 0:00	5	Down	Down	Down				
02/08/2022 0:00	0	Down	1	Down				
02/09/2022 0:00	Down	Down	3	Down				
02/10/2022 0:00	Down	Down	Down	3				
02/11/2022 0:00	0	0	0	2				
02/12/2022 0:00	Down	Down	Down	Down				
02/13/2022 0:00	Down	Down	0	Down				
02/14/2022 0:00	Down	Down	Down	Down				
02/15/2022 0:00	Down	Down	Down	1				

AQ-17e: NH3 Emission Limits: Rolling 3-hr NH3 slip calculation (Attachment 9)

4/3/2022 9:10:56 PM

Page 2 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 3-Hour NH3 ppmc Limit 5	S-2:Unit 700 Max 3-Hour NH3 ppmc Limit 5	S-3:Unit 800 Max 3-Hour NH3 ppmc Limit 5	S-4:Unit 900 Max 3-Hour NH3 ppmc Limit 5				
02/16/2022 0:00	Down	Down	Down	Down				
02/17/2022 0:00	0	Down	0	1				
02/18/2022 0:00	Down	Down	Down	Down				
02/19/2022 0:00	Down	Down	Down	Down				
02/20/2022 0:00	Down	Down	Down	2				
02/21/2022 0:00	0	0	1	1				
02/22/2022 0:00	0	1	1	2				
02/23/2022 0:00	1	1	2	2				
02/24/2022 0:00	3	3	1	3				
02/25/2022 0:00	0	0	0	0				
02/26/2022 0:00	0	0	0	1				
02/27/2022 0:00	Down	Down	0	Down				
02/28/2022 0:00	Down	Down	1	Down				
03/01/2022 0:00	Down	1	Down	Down				
03/02/2022 0:00	0	1	1	1				
03/03/2022 0:00	0	0	0	0				
03/04/2022 0:00	0	0	0	0				
03/05/2022 0:00	Down	Down	Down	Down				
03/06/2022 0:00	Down	Down	Down	Down				
03/07/2022 0:00	0	0	1	1				
03/08/2022 0:00	Down	0	Down	Down				
03/09/2022 0:00	Down	Down	0	Down				
03/10/2022 0:00	0	0	0	1				
03/11/2022 0:00	Down	Down	Down	Down				
03/12/2022 0:00	0	Down	Down	0				
03/13/2022 0:00	Down	Down	1	Down				
03/14/2022 0:00	0	Down	Down	Down				
03/15/2022 0:00	0	0	0	0				
03/16/2022 0:00	Down	Down	Down	Down				
03/17/2022 0:00	Down	Down	Down	Down				
03/18/2022 0:00	0	0	1	1				
03/19/2022 0:00	1	1	1	1				
03/20/2022 0:00	Down	0	0	0				
03/21/2022 0:00	Down	Down	Down	Down				
03/22/2022 0:00	Down	Down	Down	Down				
03/23/2022 0:00	Down	Down	Down	Down				
03/24/2022 0:00	Down	Down	Down	Down				
03/25/2022 0:00	Down	Down	Down	Down				
03/26/2022 0:00	Down	Down	Down	Down				
03/27/2022 0:00	Down	Down	Down	Down				
03/28/2022 0:00	Down	Down	Down	Down				
03/29/2022 0:00	0	0	0	0				
03/30/2022 0:00	0	0	0	0				
03/31/2022 0:00	0	Down	0	1				

AQ-17e: NH3 Emission Limits: Rolling 3-hr NH3 slip calculation (Attachment 9)

4/3/2022 9:10:56 PM

Page 3 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 3-Hour NH3 ppmc Limit 5	S-2:Unit 700 Max 3-Hour NH3 ppmc Limit 5	S-3:Unit 800 Max 3-Hour NH3 ppmc Limit 5	S-4:Unit 900 Max 3-Hour NH3 ppmc Limit 5				
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Total:								
Average:	0	1	1	1				
Maximum:	5	4	3	3				
Minimum:	0	0	0	0				

Attachment 10

**Condition AQ-17f/g Hourly Mass Emission Limits:
POC & SO₂ Report**

AQ-17f/g: Hourly Mass Emission Limits: POC and SO2 (Attachment 10)

4/3/2022 9:11:07 PM

Page 1 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour POC Lbs/Hr Limit 0.612	S-2:Unit 700 Max 1-Hour POC Lbs/Hr Limit 0.612	S-3:Unit 800 Max 1-Hour POC Lbs/Hr Limit 0.612	S-4:Unit 900 Max 1-Hour POC Lbs/Hr Limit 0.612	S-1:Unit 600 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-2:Unit 700 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-3:Unit 800 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-4:Unit 900 Max 1-Hour SO2 Lbs/Hr Limit 1.347
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	0.012	0.013	0.021	0.013	0.117	0.076	0.105	0.064
01/03/2022 0:00	0.016	0.019	0.032	0.019	0.161	0.110	0.161	0.094
01/04/2022 0:00	0.016	0.019	0.027	0.016	0.161	0.109	0.136	0.082
01/05/2022 0:00	0.016	0.019	0.027	0.016	0.161	0.110	0.136	0.082
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	0.015	0.017	0.022	0.013	0.146	0.096	0.108	0.065
01/10/2022 0:00	0.016	0.019	0.033	0.020	0.161	0.110	0.165	0.099
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	0.016	0.019	0.027	Down	0.160	0.110	0.135	Down
01/13/2022 0:00	0.016	Down	Down	0.016	0.161	Down	Down	0.082
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	0.016	0.019	0.027	0.016	0.160	0.108	0.135	0.082
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	0.016	0.019	0.027	0.016	0.161	0.110	0.136	0.082
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	0.016	0.019	0.027	0.013	0.160	0.109	0.135	0.067
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	0.013	0.015	0.022	0.013	0.133	0.087	0.108	0.065
01/27/2022 0:00	0.016	0.018	0.027	0.016	0.159	0.105	0.135	0.082
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	0.012	0.014	0.020	0.013	0.121	0.078	0.101	0.065
02/01/2022 0:00	0.021	0.019	0.030	0.016	0.207	0.109	0.150	0.082
02/02/2022 0:00	0.016	0.032	0.027	0.016	0.161	0.182	0.135	0.082
02/03/2022 0:00	0.016	0.033	0.028	0.016	0.161	0.186	0.142	0.082
02/04/2022 0:00	Down	0.018	Down	Down	Down	0.103	Down	Down
02/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/07/2022 0:00	0.027	Down	Down	Down	0.274	Down	Down	Down
02/08/2022 0:00	0.016	Down	0.027	Down	0.156	Down	0.134	Down
02/09/2022 0:00	Down	Down	0.045	Down	Down	Down	0.226	Down
02/10/2022 0:00	Down	Down	Down	0.027	Down	Down	Down	0.136
02/11/2022 0:00	0.013	0.017	0.022	0.016	0.128	0.096	0.110	0.082
02/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/13/2022 0:00	Down	Down	0.021	Down	Down	Down	0.103	Down
02/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/15/2022 0:00	Down	Down	Down	0.016	Down	Down	Down	0.081

AQ-17f/g: Hourly Mass Emission Limits: POC and SO2 (Attachment 10)

4/3/2022 9:11:07 PM

Page 2 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour POC Lbs/Hr Limit 0.612	S-2:Unit 700 Max 1-Hour POC Lbs/Hr Limit 0.612	S-3:Unit 800 Max 1-Hour POC Lbs/Hr Limit 0.612	S-4:Unit 900 Max 1-Hour POC Lbs/Hr Limit 0.612	S-1:Unit 600 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-2:Unit 700 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-3:Unit 800 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-4:Unit 900 Max 1-Hour SO2 Lbs/Hr Limit 1.347
02/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/17/2022 0:00	0.013	Down	0.027	0.027	0.126	Down	0.135	0.135
02/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/19/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
02/20/2022 0:00	Down	Down	Down	0.016	Down	Down	Down	0.081
02/21/2022 0:00	0.016	0.019	0.027	0.016	0.161	0.109	0.135	0.082
02/22/2022 0:00	0.016	0.025	0.027	0.016	0.160	0.144	0.134	0.081
02/23/2022 0:00	0.024	0.027	0.044	0.023	0.244	0.156	0.221	0.113
02/24/2022 0:00	0.027	0.032	0.044	0.027	0.268	0.182	0.222	0.134
02/25/2022 0:00	0.016	0.019	0.027	0.016	0.160	0.107	0.134	0.081
02/26/2022 0:00	0.016	0.019	0.027	0.016	0.162	0.110	0.137	0.082
02/27/2022 0:00	Down	Down	0.022	Down	Down	Down	0.111	Down
02/28/2022 0:00	Down	Down	0.027	Down	Down	Down	0.132	Down
03/01/2022 0:00	Down	0.019	Down	Down	Down	0.110	Down	Down
03/02/2022 0:00	0.016	0.019	0.028	0.017	0.163	0.111	0.138	0.083
03/03/2022 0:00	0.016	0.019	0.027	0.016	0.162	0.110	0.137	0.082
03/04/2022 0:00	0.019	0.023	0.031	0.017	0.192	0.129	0.154	0.087
03/05/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	0.016	0.019	0.027	0.016	0.162	0.110	0.137	0.082
03/08/2022 0:00	Down	0.019	Down	Down	Down	0.110	Down	Down
03/09/2022 0:00	Down	Down	0.027	Down	Down	Down	0.136	Down
03/10/2022 0:00	0.016	0.019	0.027	0.016	0.162	0.110	0.137	0.083
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	0.016	Down	Down	0.013	0.161	Down	Down	0.065
03/13/2022 0:00	Down	Down	0.027	Down	Down	Down	0.137	Down
03/14/2022 0:00	0.016	Down	Down	Down	0.163	Down	Down	Down
03/15/2022 0:00	0.014	0.015	0.023	0.014	0.138	0.087	0.114	0.070
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	0.014	0.016	0.043	0.027	0.137	0.093	0.217	0.133
03/19/2022 0:00	0.027	0.031	0.045	0.027	0.271	0.176	0.224	0.135
03/20/2022 0:00	Down	0.010	0.015	0.009	Down	0.056	0.076	0.046
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	0.013	0.021	0.024	0.010	0.133	0.121	0.118	0.052
03/30/2022 0:00	0.016	0.019	0.028	0.017	0.161	0.110	0.138	0.084
03/31/2022 0:00	0.016	Down	0.027	0.017	0.160	Down	0.137	0.083

AQ-17f/g: Hourly Mass Emission Limits: POC and SO2 (Attachment 10)

4/3/2022 9:11:07 PM

Page 3 of 3

Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	S-1:Unit 600 Max 1-Hour POC Lbs/Hr Limit 0.612	S-2:Unit 700 Max 1-Hour POC Lbs/Hr Limit 0.612	S-3:Unit 800 Max 1-Hour POC Lbs/Hr Limit 0.612	S-4:Unit 900 Max 1-Hour POC Lbs/Hr Limit 0.612	S-1:Unit 600 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-2:Unit 700 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-3:Unit 800 Max 1-Hour SO2 Lbs/Hr Limit 1.347	S-4:Unit 900 Max 1-Hour SO2 Lbs/Hr Limit 1.347
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Total:								
Average:	0.017	0.020	0.028	0.017	0.166	0.114	0.141	0.086
Maximum:	0.027	0.033	0.045	0.027	0.274	0.186	0.226	0.136
Minimum:	0.012	0.010	0.015	0.009	0.117	0.056	0.076	0.046

Attachment 11

Condition AQ-18 Startup/Shutdown Emission Limits Report

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:05 PM

Page 1 of 3

Unit Name: Mariposa Unit 600

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	6.2	1.1	6.7	0.5	0.2	0.9	0.0	0.00	0.0
01/03/2022 0:00	4.9	1.3	6.6	1.2	0.2	1.8	0.0	0.00	0.0
01/04/2022 0:00	5.9	1.2	6.5	1.2	0.2	1.4	0.0	0.00	0.0
01/05/2022 0:00	5.9	1.2	6.6	0.7	0.2	1.0	0.0	0.00	0.0
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	6.3	1.2	7.0	1.2	0.2	1.5	0.0	0.00	0.0
01/10/2022 0:00	4.7	1.4	5.3	1.1	0.2	1.4	0.0	0.00	0.0
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	5.8	1.3	6.4	0.7	0.2	1.0	0.0	0.00	0.0
01/13/2022 0:00	5.7	1.1	6.3	0.4	0.2	0.9	0.0	0.00	0.0
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	5.8	1.0	6.5	1.2	0.2	1.5	0.0	0.00	0.0
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	5.7	1.2	6.4	1.2	0.2	1.5	0.0	0.00	0.0
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	5.9	1.2	6.6	0.7	0.2	1.1	0.0	0.00	0.0
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	6.0	1.3	6.7	0.6	0.2	0.9	0.0	0.00	0.0
01/27/2022 0:00	5.7	1.4	6.4	0.7	0.2	1.0	0.0	0.00	0.0
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	5.4	1.1	5.8	0.7	0.2	1.0	0.0	0.00	0.0
02/01/2022 0:00	6.4	1.2	7.1	1.2	0.1	1.4	0.0	0.00	0.0

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:05 PM

Page 3 of 3

Unit Name: Mariposa Unit 600

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	6.4	1.7	1.8	1.3	0.1	1.1	0.0	0.00	0.0
03/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/09/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/10/2022 0:00	7.1	1.5	1.9	0.9	0.1	0.8	0.0	0.00	0.0
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	6.3	1.2	1.9	1.0	0.1	0.7	0.0	0.00	0.0
03/13/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/14/2022 0:00	5.8	1.4	6.4	0.6	0.1	1.0	0.0	0.00	0.0
03/15/2022 0:00	4.8	1.0	5.7	0.6	0.1	1.0	0.0	0.00	0.0
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	6.1	1.1	6.6	0.7	0.2	1.0	0.0	0.00	0.0
03/19/2022 0:00	7.0	1.4	8.3	1.1	0.2	1.7	0.0	0.00	0.0
03/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	5.7	1.2	7.6	1.0	0.2	1.3	0.0	0.00	0.0
03/30/2022 0:00	6.2	1.2	6.9	0.9	0.2	1.2	0.0	0.00	0.0
03/31/2022 0:00	5.9	1.3	6.6	0.5	0.2	1.1	0.0	0.00	0.0

Total:									
Average:	6.0	1.3	5.9	0.9	0.2	1.2	0.0	0.00	0.02
Maximum:	12.1	1.7	12.1	1.6	0.3	2.5	0.0	0.00	0.03
Minimum:	4.2	0.6	1.2	0.4	0.1	0.4	0.0	0.00	0.02

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:12 PM

Page 1 of 3

Unit Name: Mariposa Unit 700

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	7.2	1.0	7.5	1.3	0.2	1.5	0.0	0.00	0.0
01/03/2022 0:00	6.4	1.2	6.6	1.4	0.2	1.6	0.0	0.00	0.0
01/04/2022 0:00	6.9	1.1	7.3	0.7	0.1	0.8	0.0	0.00	0.0
01/05/2022 0:00	6.5	1.1	7.1	1.2	0.2	1.4	0.0	0.00	0.0
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	6.9	1.1	7.4	1.3	0.2	1.4	0.0	0.00	0.0
01/10/2022 0:00	5.3	1.4	5.7	1.0	0.2	1.1	0.0	0.00	0.0
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	6.4	1.3	6.9	0.8	0.2	1.0	0.0	0.00	0.0
01/13/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	6.8	0.9	7.3	1.3	0.1	1.5	0.0	0.00	0.0
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	6.8	1.1	7.3	1.4	0.2	1.6	0.0	0.00	0.0
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	6.5	1.1	7.0	0.8	0.2	1.1	0.0	0.00	0.0
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	6.7	1.1	7.2	0.7	0.1	0.9	0.0	0.00	0.0
01/27/2022 0:00	6.5	1.3	7.0	0.7	0.2	0.9	0.0	0.00	0.0
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	6.6	0.9	6.9	0.5	0.2	0.7	0.0	0.00	0.0
02/01/2022 0:00	5.1	1.4	5.5	0.9	0.2	1.5	0.0	0.00	0.0

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:12 PM

Page 3 of 3

Unit Name: Mariposa Unit 700

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	7.1	1.1	1.8	1.5	0.2	0.9	0.0	0.00	0.0
03/08/2022 0:00	5.5	1.4	1.1	1.2	0.2	0.5	0.0	0.00	0.0
03/09/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/10/2022 0:00	7.7	1.3	1.7	1.1	0.2	0.8	0.0	0.00	0.0
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/13/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/15/2022 0:00	6.4	1.0	6.9	1.1	0.1	1.4	0.0	0.00	0.0
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	6.6	0.9	7.1	0.9	0.2	1.2	0.0	0.00	0.0
03/19/2022 0:00	8.3	1.3	8.9	1.4	0.2	1.7	0.0	0.00	0.0
03/20/2022 0:00	5.4	1.3	7.1	1.3	0.1	1.6	0.0	0.00	0.0
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	6.1	1.0	7.3	1.7	0.2	2.2	0.0	0.00	0.0
03/30/2022 0:00	6.9	0.8	7.3	1.0	0.2	1.2	0.0	0.00	0.0
03/31/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down

Total:									
Average:	6.4	1.1	6.0	1.0	0.2	1.2	0.0	0.00	0.02
Maximum:	8.3	1.4	8.9	1.7	0.2	2.2	0.0	0.00	0.03
Minimum:	4.5	0.8	1.1	0.4	0.1	0.4	0.0	0.00	0.02

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:19 PM

Page 1 of 3

Unit Name: Mariposa Unit 800

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	6.8	1.3	7.2	1.3	0.3	1.6	0.0	0.00	0.0
01/03/2022 0:00	4.7	1.9	5.3	1.3	0.3	1.7	0.0	0.00	0.0
01/04/2022 0:00	6.4	1.8	6.9	0.5	0.3	1.3	0.0	0.00	0.0
01/05/2022 0:00	6.2	1.8	6.7	0.7	0.3	1.6	0.0	0.00	0.0
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	6.7	1.4	7.2	0.6	0.3	0.9	0.0	0.00	0.0
01/10/2022 0:00	4.7	2.1	5.9	1.0	0.3	1.5	0.0	0.00	0.0
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	6.5	1.9	7.0	0.8	0.3	1.1	0.0	0.00	0.0
01/13/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	6.5	1.8	7.0	1.1	0.3	1.4	0.0	0.00	0.0
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	10.3	1.7	10.3	1.5	0.3	1.5	0.0	0.00	0.0
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	6.5	1.5	7.1	0.9	0.2	1.2	0.0	0.00	0.0
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	6.9	1.9	7.4	0.4	0.2	0.7	0.0	0.00	0.0
01/27/2022 0:00	6.3	1.7	6.8	0.7	0.2	1.0	0.0	0.00	0.0
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	7.0	1.4	7.4	0.6	0.3	0.8	0.0	0.00	0.0
02/01/2022 0:00	6.3	2.0	6.8	1.4	0.3	1.6	0.0	0.00	0.0

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:19 PM

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Unit Name: Mariposa Unit 800

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	6.8	1.6	1.9	1.3	0.2	1.0	0.0	0.00	0.0
03/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/09/2022 0:00	7.0	1.5	0.8	1.2	0.3	0.5	0.0	0.00	0.0
03/10/2022 0:00	7.0	1.9	1.7	0.9	0.3	1.0	0.0	0.00	0.0
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/13/2022 0:00	6.9	1.8	7.4	0.9	0.3	1.2	0.0	0.00	0.0
03/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/15/2022 0:00	6.3	1.8	6.8	0.7	0.3	1.1	0.0	0.00	0.0
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	9.3	1.3	10.4	1.2	0.3	1.7	0.0	0.00	0.0
03/19/2022 0:00	7.2	1.9	8.1	1.6	0.3	2.0	0.0	0.00	0.0
03/20/2022 0:00	5.6	1.5	7.3	0.9	0.2	1.3	0.0	0.00	0.0
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	8.6	0.8	9.9	0.8	0.3	1.4	0.0	0.00	0.0
03/30/2022 0:00	6.5	0.9	7.1	1.1	0.2	1.4	0.0	0.00	0.0
03/31/2022 0:00	6.0	1.2	6.6	0.6	0.2	1.1	0.0	0.00	0.0
Total:									
Average:	6.6	1.6	5.9	0.9	0.3	1.2	0.0	0.00	0.03
Maximum:	10.3	2.2	10.4	1.6	0.4	2.2	0.0	0.00	0.05
Minimum:	4.7	0.8	0.6	0.3	0.2	0.5	0.0	0.00	0.02

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:25 PM

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Unit Name: Mariposa Unit 900

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
01/01/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/02/2022 0:00	6.9	1.2	7.5	0.1	0.1	0.3	0.0	0.00	0.0
01/03/2022 0:00	5.9	1.3	6.9	1.2	0.1	1.3	0.0	0.00	0.0
01/04/2022 0:00	6.0	1.3	6.5	0.8	0.1	1.0	0.0	0.00	0.0
01/05/2022 0:00	5.9	1.5	6.5	1.0	0.1	1.2	0.0	0.00	0.0
01/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/07/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/09/2022 0:00	6.5	1.3	7.1	0.6	0.1	0.8	0.0	0.00	0.0
01/10/2022 0:00	5.8	1.4	6.9	0.2	0.1	0.3	0.0	0.00	0.0
01/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/12/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/13/2022 0:00	6.5	1.2	7.1	0.3	0.1	0.7	0.0	0.00	0.0
01/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/15/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/17/2022 0:00	6.0	1.4	6.7	0.9	0.1	1.0	0.0	0.00	0.0
01/18/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/19/2022 0:00	6.4	1.3	7.1	1.2	0.1	1.2	0.0	0.00	0.0
01/20/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/24/2022 0:00	6.3	1.2	6.9	1.0	0.1	1.1	0.0	0.00	0.0
01/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/26/2022 0:00	6.7	1.5	7.3	0.7	0.1	0.7	0.0	0.00	0.0
01/27/2022 0:00	6.7	1.5	7.3	0.9	0.1	1.0	0.0	0.00	0.0
01/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/29/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/30/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
01/31/2022 0:00	6.4	1.2	7.0	0.4	0.1	0.5	0.0	0.00	0.0
02/01/2022 0:00	6.9	1.3	7.5	1.2	0.1	1.2	0.0	0.00	0.0

AQ-18: Startup and Shutdown Emission Limits (Attachment 11)

4/3/2022 9:09:26 PM

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Unit Name: Mariposa Unit 900

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Max NOx Lbs Startup Limit 14.2	Max NOx Lbs Shutdown Limit 3.2	Max NOx Lbs/Hr Limit 18.5	Max CO Lbs Startup Limit 14.1	Max CO Lbs Shutdown Limit 2.7	Max CO Lbs/Hr Limit 17.3	Max POC Lbs Startup Limit 1.1	Max POC Lbs Shutdown Limit 0.12	Max POC Lbs/Hr Limit 1.4
03/06/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/07/2022 0:00	6.9	1.2	1.9	1.5	0.2	1.1	0.0	0.00	0.0
03/08/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/09/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/10/2022 0:00	7.4	1.6	1.4	0.9	0.1	0.5	0.0	0.00	0.0
03/11/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/12/2022 0:00	6.5	1.2	0.7	1.1	0.1	0.0	0.0	0.00	0.0
03/13/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/14/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/15/2022 0:00	6.4	1.5	7.0	0.7	0.1	0.7	0.0	0.00	0.0
03/16/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/17/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/18/2022 0:00	7.4	1.2	8.1	0.7	0.1	0.7	0.0	0.00	0.0
03/19/2022 0:00	7.5	1.3	8.8	1.0	0.1	1.0	0.0	0.00	0.0
03/20/2022 0:00	5.6	1.4	7.3	0.7	0.1	0.7	0.0	0.00	0.0
03/21/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/22/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/23/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/24/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/25/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/26/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/27/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/28/2022 0:00	Down	Down	Down	Down	Down	Down	Down	Down	Down
03/29/2022 0:00	6.9	1.0	9.1	1.1	0.2	1.6	0.0	0.00	0.0
03/30/2022 0:00	7.0	1.0	7.6	1.1	0.2	1.5	0.0	0.00	0.0
03/31/2022 0:00	7.5	1.1	8.1	0.4	0.2	1.2	0.0	0.00	0.0
Total:									
Average:	6.7	1.3	6.3	0.9	0.1	1.0	0.0	0.00	0.02
Maximum:	8.8	1.6	10.1	1.9	0.5	2.2	0.0	0.00	0.03
Minimum:	5.6	0.9	0.7	0.1	0.1	0.0	0.0	0.00	0.01

Attachment 12

**Condition AQ-19 Daily Emission Limits:
NO_x, CO, POC, SO₂ Emissions Report**

AQ-19: Daily Emission Limits: NOx, CO, POC, SO2 (Attachment 12)

4/3/2022 9:11:14 PM

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Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Daily NOx Lbs Limit 1100	Daily CO Lbs Limit 934	Daily POC Lbs Limit 95	Daily SO2 Lbs Limit 130				
01/01/2022 0:00	Down	Down	Down	Down				
01/02/2022 0:00	35	8	0	1				
01/03/2022 0:00	96	27	1	3				
01/04/2022 0:00	54	11	0	1				
01/05/2022 0:00	49	13	0	1				
01/06/2022 0:00	Down	Down	Down	Down				
01/07/2022 0:00	Down	Down	Down	Down				
01/08/2022 0:00	Down	Down	Down	Down				
01/09/2022 0:00	55	11	0	1				
01/10/2022 0:00	90	22	0	2				
01/11/2022 0:00	Down	Down	Down	Down				
01/12/2022 0:00	38	10	0	1				
01/13/2022 0:00	20	4	0	0				
01/14/2022 0:00	Down	Down	Down	Down				
01/15/2022 0:00	Down	Down	Down	Down				
01/16/2022 0:00	Down	Down	Down	Down				
01/17/2022 0:00	43	12	0	1				
01/18/2022 0:00	Down	Down	Down	Down				
01/19/2022 0:00	57	13	0	2				
01/20/2022 0:00	Down	Down	Down	Down				
01/21/2022 0:00	Down	Down	Down	Down				
01/22/2022 0:00	Down	Down	Down	Down				
01/23/2022 0:00	Down	Down	Down	Down				
01/24/2022 0:00	56	14	0	1				
01/25/2022 0:00	Down	Down	Down	Down				
01/26/2022 0:00	44	8	0	1				
01/27/2022 0:00	45	8	0	1				
01/28/2022 0:00	Down	Down	Down	Down				
01/29/2022 0:00	Down	Down	Down	Down				
01/30/2022 0:00	Down	Down	Down	Down				
01/31/2022 0:00	40	8	0	1				
02/01/2022 0:00	60	17	0	2				
02/02/2022 0:00	59	15	0	1				
02/03/2022 0:00	84	34	1	4				
02/04/2022 0:00	17	9	0	1				
02/05/2022 0:00	Down	Down	Down	Down				
02/06/2022 0:00	Down	Down	Down	Down				
02/07/2022 0:00	53	23	0	4				
02/08/2022 0:00	32	11	0	1				
02/09/2022 0:00	52	21	1	3				
02/10/2022 0:00	50	11	0	2				
02/11/2022 0:00	66	16	0	1				
02/12/2022 0:00	Down	Down	Down	Down				
02/13/2022 0:00	11	2	0	0				
02/14/2022 0:00	Down	Down	Down	Down				
02/15/2022 0:00	12	4	0	0				

AQ-19: Daily Emission Limits: NOx, CO, POC, SO2 (Attachment 12)

4/3/2022 9:11:14 PM

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Unit Name: Mariposa Facility

Report Start Date/Time: Sat 01/01/2022 0:00

Report End Date/Time: Thu 03/31/2022 23:59

DATE/TIME	Daily NOx Lbs Limit 1100	Daily CO Lbs Limit 934	Daily POC Lbs Limit 95	Daily SO2 Lbs Limit 130				
02/16/2022 0:00	Down	Down	Down	Down				
02/17/2022 0:00	43	10	0	1				
02/18/2022 0:00	Down	Down	Down	Down				
02/19/2022 0:00	Down	Down	Down	Down				
02/20/2022 0:00	12	4	0	0				
02/21/2022 0:00	43	12	0	1				
02/22/2022 0:00	60	24	0	2				
02/23/2022 0:00	107	41	1	4				
02/24/2022 0:00	124	47	1	5				
02/25/2022 0:00	29	9	0	1				
02/26/2022 0:00	64	18	0	1				
02/27/2022 0:00	12	2	0	0				
02/28/2022 0:00	12	5	0	0				
03/01/2022 0:00	18	5	0	1				
03/02/2022 0:00	49	17	0	2				
03/03/2022 0:00	47	11	0	1				
03/04/2022 0:00	41	9	0	1				
03/05/2022 0:00	Down	Down	Down	Down				
03/06/2022 0:00	Down	Down	Down	Down				
03/07/2022 0:00	74	24	0	2				
03/08/2022 0:00	12	4	0	0				
03/09/2022 0:00	16	4	0	0				
03/10/2022 0:00	62	14	0	2				
03/11/2022 0:00	Down	Down	Down	Down				
03/12/2022 0:00	25	4	0	1				
03/13/2022 0:00	16	4	0	0				
03/14/2022 0:00	16	5	0	1				
03/15/2022 0:00	44	8	0	1				
03/16/2022 0:00	Down	Down	Down	Down				
03/17/2022 0:00	Down	Down	Down	Down				
03/18/2022 0:00	53	10	0	1				
03/19/2022 0:00	117	34	1	4				
03/20/2022 0:00	28	5	0	0				
03/21/2022 0:00	Down	Down	Down	Down				
03/22/2022 0:00	Down	Down	Down	Down				
03/23/2022 0:00	Down	Down	Down	Down				
03/24/2022 0:00	Down	Down	Down	Down				
03/25/2022 0:00	Down	Down	Down	Down				
03/26/2022 0:00	Down	Down	Down	Down				
03/27/2022 0:00	Down	Down	Down	Down				
03/28/2022 0:00	Down	Down	Down	Down				
03/29/2022 0:00	52	12	0	1				
03/30/2022 0:00	40	9	0	1				
03/31/2022 0:00	36	10	0	1				

AQ-19: Daily Emission Limits: NOx, CO, POC, SO2 (Attachment 12)

4/3/2022 9:11:14 PM

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Unit Name: Mariposa Facility

Report Start Date/Time : Sat 01/01/2022 0:00

Report End Date/Time : Thu 03/31/2022 23:59

DATE/TIME	Daily NOx Lbs Limit 1100	Daily CO Lbs Limit 934	Daily POC Lbs Limit 95	Daily SO2 Lbs Limit 130				
Total:	2469	693	11	70				
Average:	47	13	0	1				
Maximum:	124	47	1	5				
Minimum:	11	2	0	0				

Attachment 13

**Condition AQ-20 Cumulative Rolling 12-Month
CTG Emissions: NO_x, CO, POC, PM₁₀, SO₂
Emissions Report**

Unit Name: Mariposa Facility

DATE/TIME	NOx Tons Limit 45.6	CO Tons Limit 27.2	POC Tons Limit 5.6	PM10 Tons Limit 18.6	SO2 Tons Limit 2.9
01/2022	6.4	1.8	0.0	0.6	0.2
02/2022	6.5	1.9	0.0	0.6	0.2
03/2022	6.4	1.9	0.0	0.6	0.2
Maximum:	6.5	1.9	0.0	0.6	0.2
Minimum:	6.4	1.8	0.0	0.6	0.2

Attachment 14

**Condition AQ-31 Sulfuric Acid
Emissions Report**

AQ-31: Facility SAM 12-Month Tons Limit (Attachment 14)

4/3/2022 9:11:39 PM

Page 1 of 1

Unit Name: Mariposa Facility

DATE/TIME	S-1:Unit 600 SAM Tons	S-2:Unit 700 SAM Tons	S-3:Unit 800 SAM Tons	S-4:Unit 900 SAM Tons	Facility SAM Tons Limit 7
01/2022	0.07	0.07	0.06	0.07	0.28
02/2022	0.08	0.08	0.06	0.07	0.29
03/2022	0.07	0.07	0.06	0.07	0.28
Maximum:	0.08	0.08	0.06	0.07	0.29
Minimum:	0.07	0.07	0.06	0.07	0.28

Attachment 15

**Condition AQ-35 Timely Notification
of Permit Condition Violations Report**

Condition AQ-35: Timely Notification of Permit Condition Violations Report

Permit Condition 24955, part 35 (AQ-35) states:

The owner/operator of the MEP shall notify the District and the CEC CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, the owner/operator shall submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition.

The following are the violations of the applicable permit conditions for Mariposa Energy LLC during the first quarter of 2022.



Mariposa Energy, LLC

4887 Bruns Road, Byron, CA 94514
Tel: (209) 830-1401

March 30, 2022

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 Number B9730 - 30-Day Deviation Report for failure to report indicated excess at Source #2 within 96 hours of the occurrence and late submittal of 10/30 day deviation letters.

To Whom It May Concern:

This letter is to inform you of Mariposa Energy, LLC's deviation from its Title V Operating Permit, issued in 2015.

On Monday, March 21, 2022, Mariposa Energy, LLC received Notice of Violation (NOV) #A59377 for failure to report indicated excess at Source #2 within 96 hours of the occurrence and for late submittal of the 10/30 day deviation letters.

The excess emissions occurred on 12/10/2021 during the 19:00 hour (NOV #A59377) for a duration of 7 minutes with the highest one-hour NO_x concentration at 2.6 parts per million (ppm) corrected to 15% O₂, which is 4% above the permit limit of 2.5 ppm corrected to 15% O₂ [Permit Condition #24955.17(b)]. BAAQMD Regulation 1, Section 522.6 allows for continuous emission monitors to have an accuracy limit of 20%. The excess emissions that occurred on 12/10/2021 are within the allowable accuracy per BAAQMD Regulation 1, Section 522.6.

The following are the immediate corrective actions taken by Mariposa Energy, LLC to prevent continued or recurrent violation:

- Train operating personnel to recognize and correctly respond to related air permit emissions conditions.
- Conduct end of operating day CEMS minute data reviews to confirm air permit emissions limits have not been exceeded.
- Report all deviations of excess emissions within the BAAQMD 96-hour timeline requirement.



Mariposa Energy, LLC

4557 Brunst Road, Byron, CA 94514

Tel: (209) 830-4401

This letter serves as the 10- and 30-day deviation report, as required by Permit Condition #24955.33, for the event described above. No permit application is required in response to this NOV.

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



Mariposa Energy, LLC

4887 Burns Road, Byron, CA 94514
Tel: (209) 830-1401

March 30, 2022

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 Number B9730 - 30-Day Deviation Report for failure to report indicated excess at Source #2 within 96 hours of the occurrence and late submittal of 10/30 day deviation letters.

To Whom It May Concern:

This letter is to inform you of Mariposa Energy, LLC's deviation from its Title V Operating Permit, issued in 2015.

On Monday, March 21, 2022, Mariposa Energy, LLC received Notice of Violation (NOV) #A60878 for failure to report indicated excess at Source #2 within 96 hours of the occurrence and for late submittal of the 10/30 day deviation letters.

The excess emissions occurred on 12/13/2021 during hour 18:00 (NOV #A60878) for a duration of 15 minutes with the highest one-hour NO_x concentration recorded at 2.59 ppm corrected to 15% O₂, which is 4% above the permit limit of 2.5 ppm corrected to 15% O₂ [Permit Condition #24955.17(b)]. BAAQMD Regulation 1, Section 522.6 allows for continuous emission monitors to have an accuracy limit of 20%. The excess emissions that occurred on 12/13/2021 are within the allowable accuracy per BAAQMD Regulation 1, Section 522.6.

The following are the immediate corrective actions taken by Mariposa Energy, LLC to prevent continued or recurrent violation:

- Train operating personnel to recognize and correctly respond to related air permit emissions conditions.
- Conduct end of operating day CEMS minute data reviews to confirm air permit emissions limits have not been exceeded.
- Report all deviations of excess emissions within the BAAQMD 96-hour timeline requirement.



Mariposa Energy, LLC

4557 Burns Road, Byron, CA 94514

Tel: (209) 830-1401

This letter serves as the 10 and 30-day deviation report, as required by Permit Condition #24955.33, for the event described above. No permit application is required in response to this NOV.

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

Attachment 16

**Condition AQ-38: 40 CFR Part 72.9(c)(1) SO₂ Allowances
and 40 CFR Part 75 CEM Requirements Report**



2014 COMPLIANCE - ACID RAIN PROGRAM / CAIR SO2 ANNUAL PROGRAM

Compliance Results

Draft compliance has been automatically run for all of your facilities for which all of the appropriate emissions data for the compliance period has been submitted. The results are shown in the table below; any facilities with excess emissions are listed in a pop-up box.

You may run 'draft' compliance again for a facility by checking the box next to the account number and clicking the 'Select' button below the table. A pop-up box will appear stating 'Your changes have been saved.' Click 'OK,' then review the information for that facility; 'Draft' will be denoted in the 'Compliance Status' column until final compliance is run for that facility. If a 0 (zero) appears in the 'Excess Emissions' column, that means there are currently enough allowances in the compliance account for the facility to cover its emissions. You may run draft compliance for a facility as many times as you wish (e.g., after allowance transfers or emissions data resubmissions) until final compliance is run for that facility.

After the allowance transfer deadline, you may run final compliance for a facility if the term 'Accepted' is denoted in the 'Emissions Data Status' column for that facility. To do so, (1) select a facility by checking the box next to the account number, (2) check the box at the bottom of the table that reads 'Check to run final compliance' (this box will not be visible on the screen until the day after the allowance transfer deadline) and (3) click the 'Select' button.

Do not run final compliance if your emissions data are not final. If, for a specific facility, you resubmit emissions data after running final compliance for that facility, and the newly reported emissions are less than the emissions were at the time final compliance was run, the emissions tonnage difference in allowances will NOT be returned to you.

If you have any questions, contact Kenon Smith (202-343-9164) or Paula Branch (202-343-9168).

Results for Selected Facilities

Facility ID (ORISPL)	Facility Name	State	Run Status	Program	Allowances Held 1:1	Allowances Held 2:1	Emissions (tons)	Under-utilization Liability	Total Liability	Excess Emissions	Compliance Status	Compliance Run Date	Emissions Data Status	Last Updated By	Last Updated
057483FACTY	Mariposa Energy Project	CA	Success	ARP	2	0	0	0	0	0	Draft	02/03/2015	Pending	Forsyth, Wayne	02/03/2015 12:53:39 P

[Continue](#)

Attachment 17

**Conditions AQ-39, AQ-40
S-6 Emergency Fire Pump
Operation Report
(BAAQMD Condition 22850, Parts 1 & 2)**

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine Model: JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 6068HFC28A,B,C,D (John Deere Engine Model Designation)
 Size: 175 BHP 2011 Model Year
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6

EPA Engine Family: BJDXL06.8120
 Fuel Type: CARB Diesel

Location: Diesel Fire Pump Room, Mariposa Energy Center

Summary					
Year	Months	Stop Timer Reading	Start Timer Reading	Total Actual Maintenance and Testing Hours	12-Month Running Total Hours
2020	January	190.6	188.6	2.0	26.0
2020	February	192.6	190.6	2.0	26.0
2020	March	195.3	192.6	2.7	26.7
2020	April	197.3	195.3	2.0	26.2
2020	May	199.5	197.3	2.2	26.4
2020	June	202	199.5	2.5	26.9
2020	July	204	202	2.0	26.4
2020	August	206.5	204	2.5	26.9
2020	September	208.5	206.5	2.0	26.4
2020	October	210.5	208.5	2.0	26.4
2020	November	213	210.5	2.5	26.9
2020	December	215	213	2.0	26.4
2021	January	217	215	2.0	26.4
2021	February	219	217	2.0	26.4
2021	March	221.6	219	2.6	26.3
2021	April	223.6	221.6	2.0	26.3
2021	May	226.1	223.6	2.5	26.6
2021	June	228.1	226.1	2.0	26.1
2021	July	230.2	228.1	2.1	26.2
2021	August	232.7	230.2	2.5	26.2
2021	September	234.8	232.7	2.1	26.3
2021	October	236.9	234.8	2.1	26.4
2021	November	239.4	236.9	2.5	26.4
2021	December	241.4	239.4	2.0	26.4

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
9/28/2012	0.0	1.6	Maintenance & Testing	DC	1.6	0	100%	16.6 gal	16.6 gal
10/21/2012	1.6	2.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	21.8 gal
10/29/2012	2.1	2.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	27.0 gal
11/7/2012	2.6	3.1	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	32.2 gal
11/12/2012	3.1	3.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	37.4 gal
11/21/2012	3.6	4.1	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	42.6 gal
11/26/2012	4.1	4.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	47.8 gal
12/3/2012	4.6	5.1	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	53.0 gal
12/13/2012	5.1	5.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	58.2 gal
12/18/2012	5.6	6.1	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	63.4 gal
12/27/2012	6.1	6.6	Maintenance & Testing	JR	0.5	0	100%	5.2 gal	68.6 gal
1/3/2013	6.6	7.1	Maintenance & Testing	DC	0.5	0	100%	5.2 gal	73.8 gal
1/10/2013	7.1	7.6	Maintenance & Testing	JM	0.5	0	87%	5.2 gal	79.0 gal
1/16/2013	7.6	8.1	Maintenance & Testing	CC	0.5	0	87%	5.2 gal	84.2 gal
1/22/2013	8.1	8.5	Maintenance & Testing	RR	0.4	0	87%	4.2 gal	88.4 gal
1/30/2013	8.5	9.1	Maintenance & Testing	DC	0.6	0	87%	6.2 gal	94.6 gal
2/7/2013	9.1	9.6	Maintenance & Testing	JM	0.5	0	87%	5.2 gal	99.8 gal
2/14/2013	9.6	10.1	Maintenance & Testing	RR	0.5	0	87%	5.2 gal	105.0 gal
2/18/2013	10.1	10.6	Maintenance & Testing	RR	0.5	0	87%	5.2 gal	110.2 gal
2/25/2013	10.6	11.1	Maintenance & Testing	DC	0.5	0	87%	5.2 gal	115.4 gal
3/4/2013	11.1	11.6	Maintenance & Testing	JM	0.5	0	87%	5.2 gal	120.6 gal
3/10/2013	11.6	12.1	Maintenance & Testing	RR	0.5	0	87%	5.2 gal	125.8 gal
3/16/2013	12.1	12.6	Maintenance & Testing	RR	0.5	0	87%	5.2 gal	131.0 gal
3/26/2013	12.6	13.1	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	136.2 gal
4/1/2013	13.1	13.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	141.4 gal
4/8/2013	13.6	14.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	146.6 gal
4/17/2013	14.1	14.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	151.8 gal
4/25/2013	14.6	15.1	Maintenance & Testing	D	0.5	0	75%	5.2 gal	157.0 gal
5/3/2013	15.1	15.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	162.2 gal
5/11/2013	15.6	16.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	167.4 gal
5/19/2013	16.1	16.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	172.6 gal
5/21/2013	16.6	17.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	177.8 gal
5/28/2013	17.1	17.6	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	183.0 gal
6/4/2013	17.6	18.1	Maintenance & Testing	AC	0.5	0	100%	5.2 gal	188.2 gal
6/12/2013	18.1	18.6	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	193.4 gal
6/17/2013	18.6	19.1	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	198.6 gal
6/25/2013	19.1	19.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	203.8 gal
7/3/2013	19.6	20.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	209.0 gal
7/8/2013	20.1	20.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	214.2 gal
7/15/2013	20.6	21.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	219.4 gal
7/22/2013	21.1	21.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	224.6 gal
7/29/2013	21.6	22.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	229.8 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
8/5/2013	22.1	22.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	235.0 gal
8/12/2013	22.6	23.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	240.2 gal
8/19/2013	23.1	23.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	245.4 gal
8/26/2013	23.6	24.1	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	250.6 gal
9/4/2013	24.1	24.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	255.8 gal
9/10/2013	24.6	25.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	261.0 gal
9/16/2013	25.1	25.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	266.2 gal
9/25/2013	25.6	26.1	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	271.4 gal
10/1/2013	26.1	26.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	276.6 gal
10/8/2013	26.6	27.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	281.8 gal
10/14/2013	27.1	27.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	287.0 gal
10/21/2013	27.6	28.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	292.2 gal
10/28/2013	28.1	28.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	297.4 gal
11/5/2013	28.6	29.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	302.6 gal
11/14/2013	29.1	29.6	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	307.8 gal
11/21/2013	29.6	30.1	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	313.0 gal
11/26/2013	30.1	30.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	318.2 gal
12/3/2013	30.6	31.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	323.4 gal
12/10/2013	31.1	31.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	328.6 gal
12/19/2013	31.6	32.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	333.8 gal
12/24/2013	32.1	32.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	339.0 gal
12/31/2013	32.6	33.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	344.2 gal
1/7/2014	33.1	33.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	349.4 gal
1/14/2014	33.6	34.1	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	354.6 gal
1/21/2014	34.1	34.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	359.8 gal
1/28/2014	34.6	35.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	365.0 gal
2/4/2014	35.1	35.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	370.2 gal
2/12/2014	35.6	36.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	375.4 gal
2/19/2014	36.1	36.6	Maintenance & Testing	DC	0.5	0	80%	5.2 gal	380.6 gal
2/26/2014	36.6	37.1	Maintenance & Testing	DC	0.5	0	80%	5.2 gal	385.8 gal
3/4/2014	37.1	37.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	391.0 gal
3/12/2014	37.6	38.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	396.2 gal
3/22/2014	38.1	38.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	401.4 gal
3/25/2014	38.6	39.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	406.6 gal
4/1/2014	39.1	39.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	411.8 gal
4/8/2014	39.6	40.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	417.0 gal
4/11/2014	40.1	40.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	422.2 gal
4/22/2014	40.6	41.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	427.4 gal
4/28/2014	41.1	41.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	432.6 gal
5/6/2014	41.6	42.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	437.8 gal
5/12/2014	42.1	42.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	443.0 gal
5/18/2014	42.6	43.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	448.2 gal
5/26/2014	43.1	43.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	453.4 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
6/5/2014	43.6	44.1	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	458.6 gal
6/12/2014	44.1	44.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	463.8 gal
6/18/2014	44.6	45.1	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	469.0 gal
6/26/2014	45.1	45.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	474.2 gal
7/2/2014	45.6	46.1	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	479.4 gal
7/8/2014	46.1	46.6	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	484.6 gal
7/15/2014	46.6	47.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	489.8 gal
7/21/2014	47.1	47.6	Maintenance & Testing	DC	0.5	0	100%	5.2 gal	495.0 gal
7/30/2014	47.6	48.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	500.2 gal
8/5/2014	48.1	48.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	505.4 gal
8/14/2014	48.6	49.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	510.6 gal
8/20/2014	49.1	49.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	515.8 gal
8/26/2014	49.6	50.1	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	521.0 gal
9/1/2014	50.1	50.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	526.2 gal
9/10/2014	50.6	51.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	531.4 gal
9/16/2014	51.1	51.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	536.6 gal
9/22/2014	51.6	52.1	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	541.8 gal
10/1/2014	52.1	52.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	547.0 gal
10/16/2014	52.6	53.1	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	552.2 gal
10/21/2014	53.1	53.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	557.4 gal
10/27/2014	53.6	54.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	562.6 gal
11/3/2014	54.1	54.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	567.8 gal
11/14/2014	54.6	55.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	573.0 gal
11/18/2014	55.1	55.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	578.2 gal
11/25/2014	55.6	56.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	583.4 gal
12/3/2014	56.1	56.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	588.6 gal
12/10/2014	56.6	57.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	593.8 gal
12/16/2014	57.1	57.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	599.0 gal
12/23/2014	57.6	58.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	604.2 gal
12/31/2014	58.1	58.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	609.4 gal
1/8/2015	58.6	59.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	614.6 gal
1/15/2015	59.1	59.6	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	619.8 gal
1/21/2015	59.6	60.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	625.0 gal
1/29/2015	60.1	60.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	630.2 gal
2/4/2015	60.6	61.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	635.4 gal
2/10/2015	61.1	61.6	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	640.6 gal
2/16/2015	61.6	62.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	645.8 gal
2/24/2015	62.1	62.6	Maintenance & Testing	DC	0.5	0	100%	5.2 gal	651.0 gal
3/4/2015	62.6	63.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	656.2 gal
3/11/2015	63.1	63.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	661.4 gal
3/18/2015	63.6	64.1	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	666.6 gal
3/25/2015	64.1	64.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	671.8 gal
3/31/2015	64.6	65.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	677.0 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
4/7/2015	65.1	65.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	682.2 gal
4/15/2015	65.6	66.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	687.4 gal
4/23/2015	66.1	66.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	692.6 gal
4/27/2015	66.6	67.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	697.8 gal
5/5/2015	67.1	67.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	703.0 gal
5/14/2015	67.6	68.1	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	708.2 gal
5/21/2015	68.1	68.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	713.4 gal
5/27/2015	68.6	69.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	718.6 gal
6/4/2015	69.1	69.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	723.8 gal
6/10/2015	69.6	70.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	729.0 gal
6/18/2015	70.1	70.6	Maintenance & Testing	DC	0.5	0	88%	5.2 gal	734.2 gal
6/24/2015	70.6	71.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	739.4 gal
6/30/2015	71.1	71.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	744.6 gal
7/8/2015	71.6	72.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	749.8 gal
7/15/2015	72.1	72.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	755.0 gal
7/22/2015	72.6	73.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	760.2 gal
7/29/2015	73.1	73.6	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	765.4 gal
8/3/2015	73.6	74.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	770.6 gal
8/11/2015	74.1	74.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	775.8 gal
8/19/2015	74.6	75.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	781.0 gal
8/25/2015	75.1	75.6	Maintenance & Testing	CC	0.5	0	75%	5.2 gal	786.2 gal
9/1/2015	75.6	76.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	791.4 gal
9/7/2015	76.1	76.6	Maintenance & Testing	DC	0.5	0	75%	5.2 gal	796.6 gal
9/15/2015	76.6	77.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	801.8 gal
9/22/2015	77.1	77.6	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	807.0 gal
9/28/2015	77.6	77.6	Maintenance & Testing	RR	0.0	0	100%	0.0 gal	807.0 gal
10/9/2015	77.6	78.1	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	812.2 gal
10/15/2015	78.1	78.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	817.4 gal
10/20/2015	78.6	79.1	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	822.6 gal
10/26/2015	79.1	79.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	827.8 gal
11/4/2015	79.6	80.1	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	833.0 gal
11/11/2015	80.1	80.6	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	838.2 gal
11/16/2015	80.6	81.1	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	843.4 gal
11/24/2015	81.1	81.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	848.6 gal
12/1/2015	81.6	82.1	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	853.8 gal
12/6/2015	82.1	82.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	859.0 gal
12/13/2015	82.6	83.1	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	864.2 gal
12/20/2015	83.1	83.6	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	869.4 gal
12/27/2015	83.6	84.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	874.6 gal
1/6/2016	84.1	84.6	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	879.8 gal
1/13/2016	84.6	85.1	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	885.0 gal
1/20/2016	85.1	85.6	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	890.2 gal
1/26/2016	85.6	86.1	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	895.4 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
2/3/2016	86.1	86.6	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	900.6 gal
2/9/2016	86.6	87.1	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	905.8 gal
2/15/2016	87.1	87.6	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	911.0 gal
2/24/2016	87.6	88.1	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	916.2 gal
3/3/2016	88.1	88.6	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	921.4 gal
3/8/2016	88.6	89.1	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	926.6 gal
3/14/2016	89.1	89.6	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	931.8 gal
3/21/2016	89.6	90.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	937.0 gal
3/31/2016	90.1	90.6	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	942.2 gal
4/6/2016	90.6	91.1	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	947.4 gal
4/11/2016	91.1	91.6	Maintenance & Testing	RR	0.5	0	88%	5.2 gal	952.6 gal
4/25/2016	91.6	92.1	Maintenance & Testing	FP	0.5	0	88%	5.2 gal	957.8 gal
5/2/2016	92.1	92.6	Maintenance & Testing	CC	0.5	0	88%	5.2 gal	963.0 gal
5/9/2016	92.6	93.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	968.2 gal
5/16/2016	93.1	93.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	973.4 gal
5/23/2016	93.6	94.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	978.6 gal
5/30/2016	94.1	94.6	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	983.8 gal
6/6/2016	94.6	95.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	989.0 gal
6/13/2016	95.1	95.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	994.2 gal
6/20/2016	95.6	96.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	999.4 gal
6/27/2016	96.1	96.6	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1004.6 gal
7/4/2016	96.6	97.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1009.8 gal
7/11/2016	97.1	97.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1015.0 gal
7/18/2016	97.6	98.1	Maintenance & Testing	FP	0.5	0	100%	5.2 gal	1020.2 gal
7/25/2016	98.1	98.6	Maintenance & Testing	CC	0.5	0	95%	5.2 gal	1025.4 gal
8/1/2016	98.6	99.1	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1030.6 gal
8/8/2016	99.1	99.6	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1035.8 gal
8/15/2016	99.6	100.1	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1041.0 gal
8/22/2016	100.1	100.6	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	1046.2 gal
8/29/2016	100.6	101.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1051.4 gal
9/5/2016	101.1	101.6	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	1056.6 gal
9/12/2016	101.6	102.1	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	1061.8 gal
9/19/2016	102.1	102.6	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	1067.0 gal
9/26/2016	102.6	103.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1072.2 gal
10/8/2016	103.1	103.6	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1077.4 gal
10/10/2016	103.6	104.1	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	1082.6 gal
10/17/2016	104.1	104.6	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	1087.8 gal
10/24/2016	104.6	105.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1093.0 gal
10/31/2016	105.1	105.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	1098.2 gal
11/7/2016	105.6	106.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1103.4 gal
11/14/2016	106.1	106.6	Maintenance & Testing	CC	0.5	0	80%	5.2 gal	1108.6 gal
11/21/2016	106.6	107.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1113.8 gal
11/28/2016	107.1	107.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	1119.0 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
12/5/2016	107.6	108.1	Maintenance & Testing	FP	0.5	0	100%	5.2 gal	1124.2 gal
12/12/2016	108.1	108.6	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	1129.4 gal
12/19/2016	108.6	109.1	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	1134.6 gal
12/26/2016	109.1	109.6	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	1139.8 gal
1/2/2017	109.6	110.1	Maintenance & Testing	FP	0.5	0	100%	5.2 gal	1145.0 gal
1/9/2017	110.1	110.6	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	1150.2 gal
1/16/2017	110.6	111.1	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1155.4 gal
1/23/2017	111.1	111.6	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	1160.6 gal
1/30/2017	111.6	112.1	Maintenance & Testing	FP	0.5	0	95%	5.2 gal	1165.8 gal
2/6/2017	112.1	112.6	Maintenance & Testing	CC	0.5	0	90%	5.2 gal	1171.0 gal
2/13/2017	112.6	113.1	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1176.2 gal
2/20/2017	113.1	113.6	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1181.4 gal
2/27/2017	113.6	114.1	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	1186.6 gal
3/6/2017	114.1	114.6	Maintenance & Testing	CC	0.5	0	85%	5.2 gal	1191.8 gal
3/13/2017	114.6	115.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1197.0 gal
3/20/2017	115.1	115.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	1202.2 gal
3/27/2017	115.6	116.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1207.4 gal
4/3/2017	116.1	116.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	1212.6 gal
4/10/2017	116.6	117.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1217.8 gal
4/17/2017	117.1	117.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1223.0 gal
4/24/2017	117.6	118.1	Maintenance & Testing	FP	0.5	0	100%	5.2 gal	1228.2 gal
5/1/2017	118.1	118.6	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	1233.4 gal
5/8/2017	118.6	119.1	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	1238.6 gal
5/15/2017	119.1	119.6	Maintenance & Testing	FP	0.5	0	95%	5.2 gal	1243.8 gal
5/22/2017	119.6	120.1	Maintenance & Testing	FP	0.5	0	95%	5.2 gal	1249.0 gal
5/29/2017	120.1	120.6	Maintenance & Testing	CC	0.5	0	95%	5.2 gal	1254.2 gal
6/5/2017	120.6	121.1	Maintenance & Testing	CC	0.5	0	95%	5.2 gal	1259.4 gal
6/12/2017	121.1	121.6	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1264.6 gal
6/19/2017	121.6	122.1	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1269.8 gal
6/26/2017	122.1	122.6	Maintenance & Testing	CC	0.5	0	90%	5.2 gal	1275.0 gal
7/3/2017	122.6	123.1	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1280.2 gal
7/10/2017	123.1	123.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1285.4 gal
7/17/2017	123.6	124.1	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1290.6 gal
7/24/2017	124.1	124.6	Maintenance & Testing	CC	0.5	0	80%	5.2 gal	1295.8 gal
7/31/2017	124.6	125.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1301.0 gal
8/7/2017	125.1	125.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1306.2 gal
8/14/2017	125.6	126.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1311.4 gal
8/21/2017	126.1	126.6	Maintenance & Testing	CC	0.5	0	100%	5.2 gal	1316.6 gal
8/28/2017	126.6	127.1	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1321.8 gal
9/3/2017	127.1	127.6	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	1327.0 gal
9/11/2017	127.6	128.1	Maintenance & Testing	FP	0.5	0	95%	5.2 gal	1332.2 gal
9/18/2017	128.1	128.6	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1337.4 gal
9/26/2017	128.6	129.1	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1342.6 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
10/3/2017	129.1	129.6	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1347.8 gal
10/9/2017	129.6	130.1	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1353.0 gal
10/16/2017	130.1	130.6	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1358.2 gal
10/23/2017	130.6	131.1	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1363.4 gal
10/30/2017	131.1	131.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1368.6 gal
11/6/2017	131.6	132.1	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1373.8 gal
11/13/2017	132.1	132.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1379.0 gal
11/20/2017	132.6	133.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1384.2 gal
11/27/2017	133.1	133.6	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1389.4 gal
12/4/2017	133.6	134.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1394.6 gal
12/11/2017	134.1	134.6	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1399.8 gal
12/18/2017	134.6	135.1	Maintenance & Testing	JJ	0.5	0	80%	5.2 gal	1405.0 gal
12/25/2017	135.1	135.6	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1410.2 gal
1/1/2018	135.6	136.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1415.4 gal
1/8/2018	136.1	136.6	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1420.6 gal
1/15/2018	136.6	137.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1425.8 gal
1/22/2018	137.1	137.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1431.0 gal
1/29/2018	137.6	138.1	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	1436.2 gal
2/5/2018	138.1	138.6	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	1441.4 gal
2/12/2018	138.6	139.1	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	1446.6 gal
2/19/2018	139.1	139.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1451.8 gal
2/26/2018	139.6	140.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1457.0 gal
3/5/2018	140.1	140.6	Maintenance & Testing	GP	0.5	0	100%	5.2 gal	1462.2 gal
3/12/2018	140.6	141.1	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	1467.4 gal
3/19/2018	141.1	141.6	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1472.6 gal
3/26/2018	141.6	142.1	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1477.8 gal
4/3/2018	142.1	142.6	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1483.0 gal
4/9/2018	142.6	143.1	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1488.2 gal
4/16/2018	143.1	143.6	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1493.4 gal
4/23/2018	143.6	144.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1498.6 gal
4/30/2018	144.1	144.6	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1503.8 gal
5/7/2018	144.6	145.1	Maintenance & Testing	DB	0.5	0	80%	5.2 gal	1509.0 gal
5/14/2018	145.1	145.6	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1514.2 gal
5/21/2018	145.6	146.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1519.4 gal
5/29/2018	146.1	146.6	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1524.6 gal
6/5/2018	146.6	147.1	Maintenance & Testing	DB	0.5	0	80%	5.2 gal	1529.8 gal
6/11/2018	147.1	147.6	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1535.0 gal
6/18/2018	147.6	148.1	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1540.2 gal
6/25/2018	148.1	148.6	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1545.4 gal
7/2/2018	148.6	149.1	Maintenance & Testing	GP	0.5	0	80%	5.2 gal	1550.6 gal
7/9/2018	149.1	149.6	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1555.8 gal
7/16/2018	149.6	150.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1561.0 gal
7/23/2018	150.1	150.6	Maintenance & Testing	DB	0.5	0	80%	5.2 gal	1566.2 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
7/30/2018	150.8	151.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1571.4 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
8/6/2018	151.1	151.6	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	1576.6 gal
8/13/2018	151.6	152.1	Maintenance & Testing	DB	0.5	0	80%	5.2 gal	1581.8 gal
8/20/2018	152.1	152.6	Maintenance & Testing	DB	0.5	0	80%	5.2 gal	1587.0 gal
8/27/2018	152.6	153.1	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1592.2 gal
9/3/2018	153.1	153.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1597.4 gal
9/10/2018	153.6	154.1	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	1602.6 gal
9/17/2018	154.1	154.6	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	1607.8 gal
9/24/2018	154.6	155.1	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	1613.0 gal
10/1/2018	155.1	155.6	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	1618.2 gal
10/8/2018	155.6	156.1	Maintenance & Testing	FP	0.5	0	95%	5.2 gal	1623.4 gal
10/18/2018	156.1	156.6	Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1628.6 gal
10/22/2018	156.6	157.1	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1633.8 gal
10/29/2018	157.1	157.6	Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1639.0 gal
11/2/2018	157.6	158.1	Annual Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1644.2 gal
11/5/2018	158.1	158.6	Maintenance & Testing	DAB	0.5	0	95%	5.2 gal	1649.4 gal
11/12/2018	158.6	159.1	Maintenance & Testing	DAB	0.5	0	95%	5.2 gal	1654.6 gal
11/19/2018	159.1	159.6	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1659.8 gal
11/26/2018	159.6	160.1	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	1665.0 gal
12/3/2018	160.1	160.6	Maintenance & Testing	DAB	0.5	0	95%	5.2 gal	1670.2 gal
12/10/2018	160.6	161.1	Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1675.4 gal
12/17/2018	161.1	161.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1680.6 gal
12/24/2018	161.6	162.1	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1685.8 gal
12/31/2018	162.1	162.6	Maintenance & Testing	FP	0.5	0	90%	5.2 gal	1691.0 gal
1/7/2019	162.6	163.1	Maintenance & Testing	FP	0.5	0	80%	5.2 gal	1696.2 gal
1/14/2019	163.1	163.6	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	1701.4 gal
1/21/2019	163.6	164.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1706.6 gal
1/28/2019	164.1	164.6	Maintenance & Testing	FP	0.5	0	100%	5.2 gal	1711.8 gal
2/4/2019	164.6	165.1	Maintenance & Testing	GP	0.5	0	100%	5.2 gal	1717.0 gal
2/11/2019	165.1	165.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1722.2 gal
2/18/2019	165.6	166.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1727.4 gal
2/28/2019	166.1	166.6	Maintenance & Testing	FP	0.5	0	75%	5.2 gal	1732.6 gal
3/4/2019	166.6	167.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1737.8 gal
3/11/2019	167.1	167.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1743.0 gal
3/18/2019	167.6	168.1	Maintenance & Testing	GP	0.5	0	75%	5.2 gal	1748.2 gal
3/25/2019	168.1	168.6	Maintenance & Testing	GP	0.5	0	75%	5.2 gal	1753.4 gal
4/1/2019	168.6	169.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1758.6 gal
4/8/2019	169.1	169.6	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	1763.8 gal
4/15/2019	169.6	170.1	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	1769.0 gal
4/22/2019	170.1	170.6	Maintenance & Testing	FP	0.5	0	100%	5.2 gal	1774.2 gal
4/29/2019	170.6	171.1	Maintenance & Testing	GP	0.5	0	100%	5.2 gal	1779.4 gal
5/6/2019	171.1	171.6	Maintenance & Testing	RR	0.5	0	100%	5.2 gal	1784.6 gal
5/13/2019	171.6	172.1	Maintenance & Testing	DAB	0.5	0	100%	5.2 gal	1789.8 gal
5/22/2019	172.1	172.6	Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1795.0 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
5/29/2019	172.6	173.1	Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1800.2 gal
6/3/2019	173.1	173.6	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1805.4 gal
6/10/2019	173.6	174.1	Maintenance & Testing	DAB	0.5	0	95%	5.2 gal	1810.6 gal
6/17/2019	174.1	174.6	Maintenance & Testing	GP	0.5	0	95%	5.2 gal	1815.8 gal
6/24/2019	174.6	175.1	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1821.0 gal
7/1/2019	175.1	175.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1826.2 gal
7/8/2019	175.6	176.1	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1831.4 gal
7/15/2019	176.1	176.6	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	1836.6 gal
7/22/2019	176.6	177.1	Maintenance & Testing	GP	0.5	0	75%	5.2 gal	1841.8 gal
7/29/2019	177.1	177.6	Maintenance & Testing	RR	0.5	0	75%	5.2 gal	1847.0 gal
8/5/2019	177.6	178.1	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	1852.2 gal
8/12/2019	178.1	178.6	Maintenance & Testing	FP	0.5	0	75%	5.2 gal	1857.4 gal
8/19/2019	178.6	179.1	Maintenance & Testing	GP	0.5	0	100%	5.2 gal	1862.6 gal
8/26/2019	179.1	179.6	Maintenance & Testing	RR	0.5	0	95%	5.2 gal	1867.8 gal
9/2/2019	179.6	180.1	Maintenance & Testing	JM	0.5	0	95%	5.2 gal	1873.0 gal
9/9/2019	180.1	180.6	Maintenance & Testing	DB	0.5	0	95%	5.2 gal	1878.2 gal
9/16/2019	180.6	181.1	Maintenance & Testing	GP	0.5	0	90%	5.2 gal	1883.4 gal
9/23/2019	181.1	181.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1888.6 gal
9/30/2019	181.6	182.1	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1893.8 gal
10/7/2019	182.1	182.6	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	1899.0 gal
10/14/2019	182.6	183.1	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	1904.2 gal
10/28/2019	183.6	184.1	Maintenance & Testing	DB	0.5	0	90%	5.2 gal	1909.4 gal
11/4/2019	184.1	184.6	Maintenance & Testing	GP	0.5	0	90%	5.2 gal	1914.6 gal
11/11/2019	184.6	185.1	Maintenance & Testing	GP	0.5	0	90%	5.2 gal	1919.8 gal
11/18/2019	185.1	185.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1925.0 gal
11/25/2019	185.6	186.1	Maintenance & Testing	DAB	0.5	0	90%	5.2 gal	1930.2 gal
12/2/2019	186.1	186.6	Maintenance & Testing	DAB	0.5	0	90%	5.2 gal	1935.4 gal
12/9/2019	186.6	187.1	Maintenance & Testing	GP	0.5	0	90%	5.2 gal	1940.6 gal
12/16/2019	187.1	187.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1945.8 gal
12/23/2019	187.6	188.1	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	1951.0 gal
12/30/2019	188.1	188.6	Maintenance & Testing	FP	0.5	0	85%	5.2 gal	1956.2 gal
1/6/2020	188.6	189.1	Maintenance & Testing	GP	0.5	0	90%	5.2 gal	1961.4 gal
1/13/2020	189.1	189.6	Maintenance & Testing	RR	0.5	0	90%	5.2 gal	1966.6 gal
1/20/2020	189.6	190.1	Maintenance & Testing	JM	0.5	0	90%	5.2 gal	1971.8 gal
1/27/2020	190.1	190.6	Maintenance & Testing	DAB	0.5	0	90%	5.2 gal	1977.0 gal
2/3/2020	190.6	191.1	Maintenance & Testing	GP	0.5	0	85%	5.2 gal	1982.2 gal
2/10/2020	191.1	191.6	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	1987.4 gal
2/17/2020	191.6	192.1	Maintenance & Testing	JM	0.5	0	85%	5.2 gal	1992.6 gal
2/24/2020	192.1	192.6	Maintenance & Testing	DAB	0.5	0	85%	5.2 gal	1997.8 gal
3/2/2020	192.6	193.1	Maintenance & Testing	RR	0.5	0	85%	5.2 gal	2003.0 gal
3/3/2020	193.1	193.3	Maintenance & Testing	RR	0.0	0	85%	5.2 gal	2008.2 gal
3/9/2020	193.3	193.8	Maintenance & Testing	RR	0.5	0	80%	5.2 gal	2013.4 gal
3/16/2020	193.8	194.3	Maintenance & Testing	JM	0.5	0	80%	5.2 gal	2018.6 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
1/11/2021	215.5	216.0	Maintenance & Testing	DB	0.5	0	88%	5.2 gal	2247.4 gal
1/16/2021	216.0	216.5	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2252.6 gal
1/25/2021	216.5	217.0	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2257.8 gal
2/1/2021	217.0	217.5	Maintenance & Testing	GP	0.5	0	75%	5.2 gal	2263.0 gal
2/9/2021	217.5	218.0	Maintenance & Testing	ML	0.5	0	75%	5.2 gal	2268.2 gal
2/15/2021	218.0	218.5	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	2273.4 gal
2/28/2021	218.5	219.0	Maintenance & Testing	GP	0.5	0	75%	5.2 gal	2278.6 gal
3/4/2021	219.0	219.5	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	2283.8 gal
3/8/2021	219.5	220.0	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	2289.0 gal
3/15/2021	220.0	220.6	Maintenance & Testing	JM	0.6	0	75%	6.2 gal	2295.3 gal
3/22/2021	220.6	221.1	Maintenance & Testing	ML	0.5	0	75%	5.2 gal	2300.5 gal
3/31/2021	221.1	221.6	Maintenance & Testing	GP	0.5	0	75%	5.2 gal	2305.7 gal
4/5/2021	221.6	222.1	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	2310.9 gal
4/12/2021	222.1	222.6	Maintenance & Testing	JM	0.5	0	75%	5.2 gal	2316.1 gal
4/19/2021	222.6	223.1	Maintenance & Testing	ML	0.5	0	100%	5.2 gal	2321.3 gal
4/26/2021	223.1	223.6	Maintenance & Testing	GP	0.5	0	100%	5.2 gal	2326.5 gal
5/3/2021	223.6	224.1	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	2331.7 gal
5/10/2021	224.1	224.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	2336.9 gal
5/17/2021	224.6	225.1	Maintenance & Testing	ML	0.5	0	100%	5.2 gal	2342.1 gal
5/24/2021	225.1	225.6	Maintenance & Testing	JM	0.5	0	100%	5.2 gal	2347.3 gal
5/31/2021	225.6	226.1	Maintenance & Testing	DB	0.5	0	100%	5.2 gal	2352.5 gal
6/7/2021	226.1	226.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2357.7 gal
6/14/2021	226.6	227.1	Maintenance & Testing	ML	0.5	0	88%	5.2 gal	2362.9 gal
6/21/2021	227.1	227.6	Maintenance & Testing	GP	0.5	0	88%	5.2 gal	2368.1 gal
6/28/2021	227.6	228.1	Maintenance & Testing	RA	0.5	0	88%	5.2 gal	2373.3 gal
7/5/2021	228.1	228.6	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2378.5 gal
7/6/2021	228.6	228.7	Annual Maintenance - Maintenance and testing	JM	0.1	0	88%	1.0 gal	2379.5 gal
7/12/2021	228.7	229.2	Maintenance & Testing	RA	0.5	0	88%	5.2 gal	2384.7 gal
7/19/2021	229.2	229.7	Maintenance & Testing	RA	0.5	0	88%	5.2 gal	2389.9 gal
7/26/2021	229.7	230.2	Maintenance & Testing	RA	0.5	0	88%	5.2 gal	2395.1 gal
8/2/2021	230.2	230.7	Maintenance & Testing	DB	0.5	0	88%	5.2 gal	2400.3 gal
8/9/2021	230.7	231.2	Maintenance & Testing	ML	0.5	0	88%	5.2 gal	2405.5 gal
8/16/2021	231.2	231.7	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2410.7 gal
8/23/2021	231.7	232.2	Maintenance & Testing	DB	0.5	0	88%	5.2 gal	2415.9 gal
8/30/2021	232.2	232.7	Maintenance & Testing	PT	0.5	0	88%	5.2 gal	2421.1 gal
9/6/2021	232.7	233.2	Maintenance & Testing	DB	0.5	0	88%	5.2 gal	2426.3 gal
9/13/2021	233.2	233.7	Maintenance & Testing	Db	0.5	0	88%	5.2 gal	2431.5 gal
9/20/2021	233.7	234.2	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2436.7 gal
9/27/2021	234.2	234.7	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2441.9 gal
9/28/2021	234.7	234.8	Troubleshooting injector malfunction- Maintenance and testing	JM	0.1	0	88%	1.0 gal	2443.0 gal
10/4/2021	234.8	235.3	Maintenance & Testing	JM	0.5	0	88%	5.2 gal	2448.2 gal

Conditions AQ-39, AQ-40 S-5 Emergency Fire Pump Operation Report

S-6 Diesel Fire Pump Driver Operating Log

Engine JU6H-UFADM8 (Clark Fire Pump Engine Model Designation)
 Model: 6068HFC28A,B,C,D (John Deere Engine Model Designation) EPA Engine Family: BJDXL06.8120
 Size: 175 BHP 2011 Model Year Fuel Type: CARB Diesel
 Facility: Mariposa Energy Center, BAAQMD Plant 19730 (B9730)
 Source No: 6 Denotes Entry Cell

Location: Diesel Fire Pump Room, Mariposa Energy Center

Date	At Start Timer Reading	At Stop Timer Reading	Maintenance & Testing Hours/ Emergency Operation Hours	Operator initials	Actual Maintenance & Testing Hours	Emergency Operation Hours	Tank Level	Net Fuel Use	Cumulative Fuel Use
10/11/2021	235.3	235.8	Maintenance & Testing	RA	0.5	0	75%	5.2 gal	2453.4 gal
10/18/2021	235.8	236.3	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	2458.6 gal
10/22/2021	236.3	236.4	Maintenance & Testing	DB	0.1	0	75%	1.0 gal	2459.6 gal
10/25/2021	236.4	236.9	Maintenance & Testing	DB	0.5	0	75%	5.2 gal	2464.8 gal
11/2/2021	236.9	237.4	Maintenance & Testing	KR	0.5	0	75%	5.2 gal	2470.0 gal
11/8/2021	237.4	237.9	Maintenance & Testing	KR	0.5	0	100%	5.2 gal	2475.2 gal
11/17/2021	237.9	238.4	Maintenance & Testing	KR	0.5	0	100%	5.2 gal	2480.4 gal
11/23/2021	238.4	238.9	Maintenance & Testing	RA	0.5	0	100%	5.2 gal	2485.6 gal
11/29/2021	238.9	239.4	Maintenance & Testing	MG	0.5	0	100%	5.2 gal	2490.8 gal
12/9/2021	239.4	239.9	Maintenance & Testing	RA	0.5	0	100%	5.2 gal	2496.0 gal
12/17/2021	239.9	240.4	Maintenance & Testing	PB	0.5	0	100%	5.2 gal	2501.2 gal
12/20/2021	240.4	240.9	Maintenance & Testing	MG	0.5	0	100%	5.2 gal	2506.4 gal
12/29/2021	240.9	241.4	Maintenance & Testing	JW	0.5	0	100%	5.2 gal	2511.6 gal
1/3/2022	241.4	241.9	Maintenance & Testing	KR	0.5	0	100%	5.2 gal	2516.8 gal
1/12/2022	241.9	242.4	Maintenance & Testing	RA	0.5	0	100%	5.2 gal	2522.0 gal
1/17/2022	242.4	242.9	Maintenance & Testing	PB	0.5	0	100%	5.2 gal	2527.2 gal
1/24/2022	242.9	243.4	Maintenance & Testing	RA	0.5	0	100%	5.2 gal	2532.4 gal
1/31/2022	243.4	243.9	Maintenance & Testing	PB	0.5	0	100%	5.2 gal	2537.6 gal
2/7/2022	243.9	244.4	Maintenance & Testing	KR	0.5	0	75%	5.2 gal	2542.8 gal
2/14/2022	244.4	244.9	Maintenance & Testing	KR	0.5	0	75%	5.2 gal	2548.0 gal
2/21/2022	244.9	245.4	Maintenance & Testing	MG	0.5	0	75%	5.2 gal	2553.2 gal
2/28/2022	245.4	245.9	Maintenance & Testing	JW	0.5	0	75%	5.2 gal	2558.4 gal
3/7/2022	245.9	246.4	Maintenance & Testing	KR	0.5	0	75%	5.2 gal	2563.6 gal
3/14/2022	246.4	246.9	Maintenance & Testing	RA	0.5	0	75%	5.2 gal	2568.8 gal
3/28/2022	246.9	247.4	Maintenance & Testing	PB	0.5	0	75%	5.2 gal	2574.0 gal
4/1/2022	247.4	248.2	Annual Maintenance - Maintenance and testing	RA	0.8	0	75%	8.3 gal	2582.3 gal
4/4/2022	248.2	248.7	Maintenance & Testing	KR	0.5	0	75%	5.2 gal	2587.5 gal
				TOTAL HOURS	248.3 Hours	0.0 Hours			

Permit Annual Limit = 50 hours/year for reliability-related (maintenance & testing) testing. Emergency hours of operation is not limited.

Hours of operation for emission testing to show compliance with District, State or Federal emission limits is not limited.

Fuel tank level is required to be at least 3/4 full. If fuel tank is less than 3/4 full, schedule delivery

**S-6 Fire Pump Engine replaced S-5 on September 28, 2012 (BAAQMD Application Number 24687).



Attachment 18
S-6 Emergency Fire Pump Totalizing Meter Report

To demonstrate compliance with CEC Condition AQ-41 (BAAQMD Condition 22850, Part 3), the following photographs are provided as evidence of compliance.



S-6 Emergency Fire Pump



S-6 Control Unit



S-6 Controller, Showing Fire Pump Operating Hours