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Annual Compliance Report #12

January 01 - December 31, 2025 Reporting Period

Submitted by

Mariposa Energy Project

09-AFC-3C

Submitted to

California Energy Commission

January 7, 2026

Contents

Annual Compliance Report #11

1.0 Introduction

This Mariposa Energy Project (MEP) Annual Compliance Report (ACR) #10 is being submitted to the California Energy Commission (CEC) as required in "Compliance-7" of the CEC Final Decision (MEP 09-AFC-3C). The ACR covers the ongoing operational, safety, environmental and compliance activities occurring on a routine basis. As approved by the CEC Compliance Project Manager (CPM), all ACR's shall be delivered by email exclusively.

2.0 Current Project Status – 2025

MEP is currently operated as a "merchant" facility. MEP is primarily marketed to offset bulk electric system (BES) instability to the electrical grid by providing 10-minute start-up capability by each of its four (4) GE LM6000 Gas Turbine units and has a station nominal 200 mw output rating. MEP has operated without major safety or environmental incidents in the 2025 calendar year, (January 01-December 31). Furthermore, MEP has operated without any major safety or environmental incidents since the Commercial Operation Date (COD) of October 01, 2012.

3.0 Specific Condition Activities – 2025

This section includes a description of the documents by specific CEC Conditions to be submitted as part of the ACR. (Note: CEC Conditions which have been verified by the CPM and submitted in prior ACR's are not in current or future ACR's.)

Exhibit 1, Summary of Major Equipment Failures during report period: There were no major equipment failures in the 2025 calendar year. A Letter of Attestation (LOA) has been added to the exhibit.

Exhibit 2, Exclusionary Fencing Report, BI0-10: 2025 quarterly inspection records have been added to the exhibit.

Exhibit 3 Hazardous Materials List, HAZ-1: 2025 Hazardous Materials List from the Alameda County of Environmental Health (ACDEH) California Environmental Reporting Systems (CERS) has been added to the exhibit.

Exhibit 4, Cattle Trough Inspections, LAND-2: 2025 quarterly inspection records have been added to the exhibit.

Exhibit 5, Annual Water Usage, S & W-4d: A copy of the MEP 2024 CEC-1304 (3-A Pg. l) "Recordable Monthly and Annual Station Water Usage (gals)", 2025 BBID water supply meter calibration record, and BBID monthly invoices have been added to the exhibit.

Exhibit 6, Right-of-Way, TLSN-3: Since Commercial Operation Date (COD) of October 01, 2012, MEP has provided evidence that "no fire prevention activities" have occurred at MEP. Quarterly inspections been added to the exhibit.

Exhibit 7, Surface Treatment Report, VIS-1: MEP has no new status to report regarding surface treatment maintenance. The condition of the surfaces on all MEP structures and buildings for 2025 was in "good" condition. There was no scheduled major surface treatment activities in 2025. A Letter of Attestation (LOA) has been added to the exhibit.

Exhibit 8, Landscaping Plan, VIS-6: MEP annual landscaping inspection and pictures have been added to the exhibit.

Exhibit 9, Waste Management Plan, WASTE-6: MEP maintains records of all Hazardous Waste Manifests and monitors waste output totals. Copies of the 2025 Hazardous Waste Manifests, Non-hazardous Waste Manifests, and Universal Waste Certificates have been added to the exhibit.

Exhibit 10, WEAP Training Sign-In Sheets: In 2025, the Worker Environmental Awareness Program (WEAP) tracked our visitor tracking system, a copy of the spreadsheet showing all contractors that completed the site orientation has been added to the exhibit.

Exhibit 11, Monthly Safety Inspection Sheets: Copies of the 2025 Monthly Plant Safety Inspections have been added to the exhibit.

Exhibit 12, Regulatory On-Site Inspections: There were three (3) Regulatory On-Site Inspections in 2025, eLogger entries have been added to the exhibit.

Exhibit 13, Major Permits approved or submitted during ACR period: There was a Major Permit approved or submitted in 2025 to be added to the exhibit.

Exhibit 14, Operation Security Plan, HAZ-7: There were no changes to the Operation Security Plan in 2025

4.0 Post-Certification Changes Approved – 2025

One post-certification change was approved during calendar year 2025. Mariposa Energy submitted a PCQ which was approved to construct a cover over the existing gas yard. This project is still currently in process. A copy of the approval letter is attached.

5.0 Submittal Deadlines Missed – 2025

No Permit submitting deadlines were missed during calendar year 2025

6.0 Listing Of Permits, Filings Submitted – 2025

An application was submitted on 6/24/2025 to the BAAQMD to replace the CO and SCR catalysts on Unit 900. The permit was approved on 7/28/2025 under the accelerated permitting process. A copy of the approval letter is attached.

7.0 Completed Compliance Activities – 2025

RATA / Source Test – February 2025 on Units 600, 700, 800, and 900. Reports provided upon request. In July of 2025 the CO and SCR Catalysts were replaced on

Unit 900. The CO catalyst replacement was like-in-kind and the SCR catalyst is an updated design. The SCR catalyst design specs are attached along with post replacement emissions testing.

8.0 Addition to Onsite Compliance File – 2025

All documentation regarding MEP regulatory, operational, safety, environmental and NERC/WECC including complaints, violations, warnings and citations are warehoused and maintained at the site. All exhibits to the ACRs are added to the onsite and Mariposa SharePoint compliance files.

9.0 Contingency Plan- Unplanned Facility Closure – 2025

Mariposa Energy has no updates to Conditions 12 and 13 of May, 2011 Mariposa Energy Project (MEP) FINAL "Commission Decision" (09-AFC-3).

10.0 Complaints, Violations, Warnings, Citations – 2025

No public complaints were noted for Mariposa during the year 2025.

Mariposa received no NOVs during the year 2025.

Exhibit 1

Summary Of Major Equipment Failures During Reporting Period

Mariposa Energy 2025

Major Equipment Failures

January 7, 2026

Mariposa Energy, LLC (09-AFC-3C) did not have any major equipment failures that occurred during the 2025 calendar year (January 01 - December 31).

Jason Smith
EH&S Coordinator
Mariposa Energy, LLC
4887 Bruns Rd
Byron, CA 94514
925-666-5409
j.smith@dgc-ops.com

Exhibit 2

Summary of Exclusionary Fence Inspections During Reporting Period

Mariposa Energy, LLC

Plant Exclusionary Fence Inspection

Person performing the inspection: Name: Rodney Arch

Date: 2-12-25

Are there any holes under the exclusionary fencing? Yes (No)

If yes, list problems and corrective action taken/write WO if cannot be repaired immediately: _____

Is there damage to the above ground exclusionary fencing? Yes (No)

If yes, list problems and corrective action taken/write WO if cannot be repaired immediately: _____

Is there trash along the fence line? (Yes) No

If yes, lists problems and corrective action taken: picked up trash.

Comments: _____

Manager Signature: _____

Mariposa Energy, LLC

Plant Exclusionary Fence Inspection

Person performing the inspection: Name: Rodney Fitch

Date: 5-8-25

Are there any holes under the exclusionary fencing? Yes (No)

If yes, list problems and corrective action taken/write WO if cannot be repaired immediately: _____

Is there damage to the above ground exclusionary fencing? Yes (No)

If yes, list problems and corrective action taken/write WO if cannot be repaired immediately: _____

Is there trash along the fence line? Yes (No)

If yes, lists problems and corrective action taken: _____

Comments: _____

Manager Signature: _____

Mariposa Energy, LLC

Plant Exclusionary Fence Inspection

Person performing the inspection: Name: Cameron Dwyke

Date: 8-11-25

Are there any holes under the exclusionary fencing? (Yes) No

If Yes, list problems and corrective actions taken. Write a WO if repairs cannot be made immediately: Filled Small Rodent Holes

Is there damage to the above ground exclusionary fencing? Yes (No)

If Yes, list problems and corrective actions taken. Write a WO if repairs cannot be made immediately:

Is there trash along the fence? (Yes) No

If yes, list problems and corrective action taken: Cleaned up the trash

Comments:

Manager Signature:

Mariposa Energy, LLC

Plant Exclusionary Fence Inspection

Person performing the inspection: Name: R. ARMENTA

Date: 11/10/25

Are there any holes under the exclusionary fencing? Yes (No)

If yes, list problems and corrective action taken/write WO if cannot be repaired immediately: _____

Is there damage to the above ground exclusionary fencing? Yes (No)

If yes, list problems and corrective action taken/write WO if cannot be repaired immediately: _____

Is there trash along the fence line? (Yes) No

If yes, lists problems and corrective action taken: REMOVED TRASH

Comments: _____

Manager Signature: _____

Exhibit 3

Hazardous Materials List, HAZ-1

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **230 KV Circuit Breaker**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Sulfur Hexafluoride** CAS No 2551-62-4 Map: Site Map Fig 2	**Pounds** State Gas Type Pure	**150** Storage Container Other Days on Site: 365	**150**	150 Pressue Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Acute Toxicity - Health Aspiration Hazard - Health Simple Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Aqueous Ammonia Storage Tank**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	**Ammonium Hydroxide Solution** CAS No 1336-21-6 Map: Site Map Fig 2	**Gallons** State Liquid Type Mixture	**8500** Storage Container Aboveground Tank Days on Site: 365	**10000**	6000 Pressue Ambient Temperature Ambient	Waste Code 122	- Physical Flammable - Physical Explosive - Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Aqueous Ammonia	19%		1336-21-6

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Chiller Package**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 9 - Misc. Hazardous Materials	**HFC-134a** CAS No 811-97-2 Map: Site Map Fig 2	**Gallons** State Liquid Type Pure	**5575** Storage Container Other Days on Site: 365	**1394**	5575 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Acute Toxicity - Health Simple Asphyxiant				
	Solest 220 Oil CAS No Map: Site Map Fig 2	**Gallons** State Liquid Type Mixture	**596** Storage Container Other	**149**	596 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization	Pentaerythritol Esters Heptanoic and Isopentanoic Acids Mixed Pentaerythritol Esters Of Isononionic & Heptanoic Acids	50% 50%		68441-94-1 118685-29-3

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location
Combustion Turbine Generators (CTG) Fire Protection Skid (x4)

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Carbon Dioxide** CAS No 124-38-9 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**19600** Storage Container Cylinder Days on Site: 365	**350**	19600 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location
Continuous Emissions Monitoring System (CEMS) Enclosures (x4)

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**CEMS Calibration Gases**	**Cu. Feet**	**2296**	**147**	2296		- Physical Gas Under Pressure - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard	Nitrogen			7727-37-9
	CAS No	State: Gas	Storage Container: Cylinder		Pressue: > Ambient	Waste Code		Oxygen			7782-44-7
	Map: Site Map Fig 2	Type: Mixture	Days on Site: 365		Temperature: Ambient			Carbon Monoxide			630-08-0
								Nitric Oxide		✓	10102-43-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Control Building / Server Room**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	FM200 Fire Extinguishing Agent CAS No 431-89-0 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**263** Storage Container Cylinder Days on Site: 365	**263**	263 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **East Gas Cylinder Storage**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**CEMS Calibration Gases** CAS No Map: Site Map Fig 2	**Cu. Feet** State: Gas Type: Mixture	**4060** Storage Container: Cylinder Days on Site: 365	**145**	4060 Pressue: > Ambient Temperature: Ambient	Waste Code	- Physical Gas Under Pressure - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard	Nitrogen Oxygen Carbon Monoxide Nitric Oxide		✓	7727-37-9 7782-44-7 630-08-0 10102-43-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Fire Water Pump Skid**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	**Diesel Fuel No. 2** CAS No 68334-30-5 Map: Site Map Fig 2	**Gallons** State Liquid Type Pure	**280** Storage Container Aboveground Tank Days on Site: 365	**280**	280 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Fuel Gas Letdown Station**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Helium Gas** CAS No 7440-59-7 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**900** Storage Container Cylinder Days on Site: 365	**292**	900 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard - Health Simple Asphyxiant				
DOT: 2.1 - Flammable Gases Flammable Gas	**Hydrogen Gas** CAS No 1333-74-0 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**800** Storage Container Cylinder Days on Site: 365	**261**	800 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Aspiration Hazard				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location
General Electric (GE) LM-6000PC Sprint Combustion Turbine Generators (CTG) (x4)

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Generator Lubrication Oil CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**2200** Storage Container: Steel Drum, Other Days on Site: 365	**500**	2200 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Acute Toxicity - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Mixed Oils	99%		64742-54-7
	Synthetic Turbine Oil CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**1095** Storage Container: Steel Drum, Other Days on Site: 365	**150**	1095 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Acute Toxicity - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Mixed Oils	99%		64741-44-2

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **High Yard Area**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Helium Gas** CAS No 7440-59-7 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**976** Storage Container Cylinder Days on Site: 365	**244**	976 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard				
DOT: 2.2 - Nonflammable Gases	**Nitrogen Gas** CAS No 7727-37-9 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**600** Storage Container Cylinder Days on Site: 365	**142**	600 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **High Yard Area / East Side GTG's**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Transformer/CTPT Oil** CAS No Map: Site Map Fig 2	**Gallons** State Liquid Type Mixture	**37398** Storage Container Aboveground Tank Days on Site: 365	**7872**	37398 Pressue Temperature	Waste Code	- Health Acute Toxicity - Health Aspiration Hazard	hydrotreated distillate, middle	100%		64742-46-7

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **North Gas Cylinder Storage**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**Argon Compressed** CAS No 7440-37-1 Map: Site Map Fig 2	**Cu. Feet** State Gas Type Pure	**336** Storage Container Cylinder Days on Site: 365	**336**	336 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Serious Eye Damage Eye Irritation				
DOT: 2.2 - Nonflammable Gases	**CEMS Calibration Gases** CAS No Map: Site Map Fig 2	**Cu. Feet** State Gas Type Mixture	**2610** Storage Container Cylinder Days on Site: 365	**145**	2610 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard	Nitrogen Oxygen Carbon Monoxide Nitric Oxide		 ✓	7727-37-9 7782-44-7 630-08-0 10102-43-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location
Power Distribution Center (PDC)

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	**Lead Acid Batteries** CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**157** Storage Container: Other Days on Site: 365	**3.2**	157 Pressue: Ambient Temperature: Ambient	Waste Code: 792	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Sulfuric Acid	40%	✓	7664-93-9

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Process Waste Water Area**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	**Klaraid IC 1179** CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**270** Storage Container: Tote Bin Days on Site: 365	**270**	200 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Aluminum chloride hydroxide sulfate	30%		39290-78-3
	Kurifloc 202 CAS No Map: Fig 2 Grid: 34	**Gallons** State: Liquid Type: Mixture	**100** Storage Container: Plastic/Non-metalic Drum Days on Site: 365	**55**	55 Pressue: > Ambient Temperature: > Ambient	Waste Code	- Health Hazard Not Otherwise Classified				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	**Multi-Chlor** CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**220** Storage Container: Plastic/Non-metalic Drum Days on Site: 365	**55**	165 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	Sodium Hypochlorite Water	13% 88%		7681-52-9 7732-18-5
	Polyfloc AE1125 CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**270** Storage Container: Tote Bin Days on Site: 365	**270**	200 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Distillates, petroleum, hydrotreated light Alcohols, C10-16 ethoxylated	30% 7%		64742-47-8 68002-97-1

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location
Warehouse & Maintenance Building (Storage)

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	**CEMS Calibration Gases** CAS No Map: Site Map Fig 2	**Cu. Feet** State: Gas Type: Mixture	**1450** Storage Container: Cylinder Days on Site: 365	**145**	1450 Pressue: > Ambient Temperature: Ambient	Waste Code	- Physical Gas Under Pressure - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard	Nitrogen Oxygen Carbon Monoxide Nitric Oxide		✓	7727-37-9 7782-44-7 630-08-0 10102-43-9
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	**Lubricating Oil** CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**600** Storage Container: Steel Drum, Plastic/Non-metalic Drum Days on Site: 365	**55**	600 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Acute Toxicity	Mixed Oils			64742-54-7
DOT: 2.1 - Flammable Gases Flammable Gas	**Propane** CAS No 74-98-6 Map: Site Map Fig 2	**Gallons** State: Liquid Type: Pure	**31** Storage Container: Cylinder Days on Site: 365	**7.6**	31 Pressue: > Ambient Temperature: Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard				
Combustible Liquid, Class II	**Zok MX** CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Mixture	**55** Storage Container: Plastic/Non-metalic Drum Days on Site: 365	**55**	40 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Serious Eye Damage Eye Irritation	Isotridecylalcohol, ethoxylated	5%		69011-36-5

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **MARIPOSA ENERGY PROJECT**
Facility Name **MARIPOSA ENERGY PROJECT**
4887 BRUNS RD, BYRON 94514

Chemical Location **Waste Storage Area**

CERS ID **10189267**
Facility ID
Status **Submitted** on 1/9/2026 12:37 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 9 - Misc. Hazardous Materials	**Oily Waste** CAS No Map: Fig 2 Grid: HW	**Pounds** State: Solid Type: Mixture	**800** Storage Container: Steel Drum Days on Site: 270	**400**	400 Pressue: Ambient Temperature: Ambient	3000 Waste Code: 352	- Health Acute Toxicity	Waste Lubricating Oil	20%		70514-12-4
	Used Oil CAS No Map: Site Map Fig 2	**Gallons** State: Liquid Type: Waste	**55** Storage Container: Steel Drum Days on Site: 270	**55**	35 Pressue: Ambient Temperature: Ambient	315 Waste Code: 221	- Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	mixed oils	99%		64742-54-7

Exhibit 4

Cattle Trough Inspections, LAND – 2

Log Detail Report

Entry ID:	54278	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Abel Chagoya - 12/15/25 13:28
Crew:	NA	**Mod By/Date:**	Abel Chagoya - 12/15/25 13:28
Shift:	NA		
Log Date:	12/15/25 13:26		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	362959		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	⚠ YES		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	CLEANED DEBRIS		

AREA: SOUTH CATTLE TOUGH:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **12/15/25 13:28**

Fred Yarcho 12/16/25 05:00

Entry ID:	53181	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Jeremy Jones - 11/03/25 11:07
Crew:	NA	**Mod By/Date:**	Jeremy Jones - 11/03/25 11:07
Shift:	NA		
Log Date:	11/03/25 11:06		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	360286		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **11/03/25 11:07**

Fred Yarcho 11/04/25 04:28

Entry ID:	51395	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Jeremy Jones - 10/01/25 09:49
Crew:	NA	**Mod By/Date:**	Jeremy Jones - 10/01/25 09:49
Shift:	NA		
Log Date:	10/01/25 09:48		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	358326		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	Cleaned the trough with net		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS / COMMENTS	Cleaned the trough with net		

Acknowledgements

Fred Yarcho assigned acknowledgements on **10/01/25 09:49**

Fred Yarcho 10/02/25 04:59

Entry ID:	50573	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Rodney Fitch - 09/02/25 11:57
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 09/02/25 11:57
Shift:	NA		
Log Date:	09/02/25 11:56		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	356086		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	⚠ YES		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	CLEANED OUT LILY PADS OF ALGAE.		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **09/02/25 11:57**

Fred Yarcho 09/03/25 03:37

Entry ID:	49567	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Abel Chagoya - 08/03/25 00:03
Crew:	NA	**Mod By/Date:**	Abel Chagoya - 08/03/25 00:03
Shift:	NA		
Log Date:	08/03/25 00:02		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	354307		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	⚠ YES		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	REMOVED DEBRIS		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **08/03/25 00:03**

Fred Yarcho 08/03/25 05:17

Entry ID:	49105	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Cameron Nagle - 07/14/25 14:48
Crew:	NA	**Mod By/Date:**	Cameron Nagle - 07/14/25 14:48
Shift:	NA		
Log Date:	07/14/25 14:47		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	351657		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **07/14/25 14:48**

Fred Yarcho 07/15/25 05:35

Entry ID:	48230	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Cameron Nagle - 06/16/25 14:27
Crew:	NA	**Mod By/Date:**	Cameron Nagle - 06/16/25 14:27
Shift:	NA		
Log Date:	06/16/25 14:26		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO# 349499

ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **06/16/25 14:27**

Fred Yarcho 06/17/25 04:58

Entry ID:	47202	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Rodney Fitch - 05/12/25 14:45
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 05/12/25 14:45
Shift:	NA		
Log Date:	05/12/25 14:44		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO# 347261

ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **05/12/25 14:45**

Fred Yarcho 05/13/25 04:52

Entry ID:	46148	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Cameron Nagle - 04/16/25 21:32
Crew:	NA	**Mod By/Date:**	Cameron Nagle - 04/16/25 21:32
Shift:	NA		
Log Date:	04/16/25 21:31		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	345084		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		

Acknowledgements

Fred Yarcho assigned acknowledgements on **04/16/25 21:32**

Fred Yarcho 04/17/25 04:37

Entry ID:	45116	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Jeremy Jones - 03/10/25 13:14
Crew:	NA	**Mod By/Date:**	Jeremy Jones - 03/10/25 13:14
Shift:	NA		
Log Date:	03/10/25 13:12		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	343022		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	Cleaned debris from trough		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS / COMMENTS	Cleaned debris from trough		

Acknowledgements

Fred Yarcho assigned acknowledgements on **03/10/25 13:14**

Fred Yarcho 03/11/25 05:13

Entry ID:	44112	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Rodney Fitch - 02/11/25 15:22
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 02/11/25 15:22
Shift:	NA		
Log Date:	02/11/25 15:20		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	341293		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	CLEANED FLOATING ALGAE		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS / COMMENTS	CLEANED FLOATING ALGAE		

Acknowledgements

Fred Yarcho assigned acknowledgements on **02/11/25 15:22**

Fred Yarcho 02/11/25 19:25

Entry ID:	43270	**Location:**	Mariposa -> Monthly PMs
Log:	8.90.02 MONTHLY CATTLE TROUGH INSP	**Created By/Date:**	Jeremy Jones - 01/13/25 15:08
Crew:	NA	**Mod By/Date:**	Jeremy Jones - 01/13/25 15:08
Shift:	NA		
Log Date:	01/13/25 15:06		

MONTHLY PM COMPLETED

8.90.02 MONTHLY CATTLE TROUGHS

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **MEP-8.20.02 MONTHLY CATTLE TROUGH INSPECTION**

AREA: **NORTH CATTLE TROUGH**

MAXIMO WO#	339404		
ANY LEAKS FOUND?	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS/COMMENTS OR WO WRITTEN	Cleaned trough with net		

AREA: **SOUTH CATTLE TOUGH**:

ANY LEAKS FOUND	NO	DOES FLOAT VALVE WORK PROPERLY?	YES
IS THERE DEBRIS IN THE TROUGH?	NO		
CORRECTIVE ACTIONS / COMMENTS	Cleaned trough with net		

Acknowledgements

Fred Yarcho assigned acknowledgements on **01/13/25 15:08**

Fred Yarcho 01/14/25 05:30

Exhibit 5

Annual Water Usage, S & W – 4D

CEC-1304 Schedule 3 Part A (page 1)
Annual Water Supply and Use, and Wastewater Discharge Report

Year	2025
CEC Plant ID	G1015
EIA Plant ID	57483

Section 1. Power Plant Water Supply

1a	Primary Water Supply Source	SW	1e	Backup Water Supply Source	NA
1b	Name of Primary Water Purveyor, Wastewater Supplier, or Well	NA	1f	Name of Backup Water Purveyor, Wastewater Supplier, or	NA
1c	Primary Water Supply Average Total Dissolved Solids (mg/l)	190	1g	Backup Water Supply Average Total Dissolved Solids (mg/l)	NA
1d	Regional Water Quality Control Board	Region 2			

Section 2. Power Plant Water Use

2a *Check this box if water use at the power plant is not metered and cannot reasonably estimated.*

2b

Volume of Water Required (in gallons)	Sanitation	Landscaping (No metering)	Dust Supression	Raw Water Supply Ac/Ft	Raw Water Supply Gallons	Sprint Water & NOx Water	Daily Maximum
	Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.						
January	NA	NA	NA	0.31	100,082	102,441	3,305
Febraury	NA	NA	NA	2.14	696,336	648,862	23,174
March	NA	NA	NA	1.07	349,146	48,941	1,579
April	NA	NA	NA	0.56	182,886	86,578	2,886
May	NA	NA	NA	0.81	264,386	219,120	7,068
June	NA	NA	NA	0.45	147,678	112,584	3,753
July	NA	NA	NA	0.27	87,368	54,423	1,756
August	NA	NA	NA	0.82	266,016	263,435	8,498
September	NA	NA	NA	1.04	339,692	204,739	6,825
October	NA	NA	NA	0.03	8,802	0	0
November	NA	NA	NA	0.29	95,518	54,583	1,819
December	NA	NA	NA	0.04	12,062	4,877	157

2c	Metering Frequency	Instantaneous	Metering Technology	Flowmeters

Section 3. Power Plant Wastewater Disposal

3a *Check box if wastewater is not metered and cannot reasonably estimated.*

3b	Wastewater Disposal Method	NA
3c	Average Total Dissolved Solids (mg/l)	NA
3d	Equipment Manufacturer	NA
3e	Year of Installation	NA
3f	Waste Reduction Equipment or Measures Taken	NA
3g	Name of the Facility or Water Body Receiving the Wastewater	NA
3h	**Notes:** No wastewater is disposed of from the facility. The water captured from the oily waste water sump is re-introduced back into the water system and used as in-process water.	

3i

Volume of Discharged Waste (in gallons)	Daily Maximum	Monthly Total
January	NA	NA
Febraury	NA	NA
March	NA	NA
April	NA	NA
May	NA	NA
June	NA	NA
July	NA	NA
August	NA	NA
September	NA	NA
October	NA	NA
November	NA	NA
December	NA	NA

CERTIFICATE OF CALIBRATION
&
VERFICATION REPORT

Customer:	Byron-Bethony Irrigation District	Location:	7995 Bruns Road
Calibration Protocal:	ANSI/IIAR2 Ch.16		Byron CA, 94514
Calibration Date:	4/2/2025	Job #	FA-J10772

Device Information						
Device Name:	MEP Flow Meter					
Device Type:	Mag Tube					
Flow Simulation Range	0	-	2.50	cfs	Tolerance:	5 % ±
mA Output Range	4	-	20	mA	Tolerance:	5 % ±
Manufacturer:	ABB					
Model #:	WaterMaster	Serial #	XMR: 105930U241 / SNR: 284901U301			

Flow Simulation Display - SCADA				
Desired	As Found	As Left	As Left Error	As Left Pass/Fail
Flow cfs	HMI	HMI	%	5 % ±
0.00	0.00	0.00	0.00	Pass
0.62	0.62	0.62	0.00	Pass
1.25	1.25	1.25	0.00	Pass
1.87	1.87	1.87	0.00	Pass
2.50	2.50	2.50	0.00	Pass

mA Output				
Desired	As Found	As Left	As Left Error	As Left Pass/Fail
mA Output	mA Output	mA Output	%	5 % ±
4.00	4.00	4.00	0.00	Pass
8.00	8.00	8.00	0.00	Pass
12.00	12.00	12.00	0.00	Pass
16.00	16.00	16.00	0.00	Pass
20.00	20.00	20.00	0.00	Pass

Totalizer as found	79.868	Totalizer as left	79.868

Calibration competed per ANSI/IIAR2 Ch. 16 & HACCP regulations. Pre-Calibrations & Post-Calibratoin readings reflect the scaled unit of measurement data analyzed by the PLC sytems. Offset reflects signal corrections in specific "Units Of Measure" for all sensors calibrated.

Notes and Comments
Calibration Equipment: Fluke 725 Process Meter S/N 66590017MV

Technician: Javier Navarro Signaure: Javier Navarro Date: 4/2/2025

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
BW		Justin (Feb 6, 2025 10:45 PST)	
Age Invoice 30 days or pay by:			
G/L Code: 008.0000.700210.000, 008.0000.701210.000			
Comments: 102913			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: February 3, 2025 **Invoice Number:** 27399✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: January 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: January 2025	7.00	83.66	585.62
	Purchase Order #15209 15579✓			

Received By: Breann Wilkins Date: 1/1/25

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,231.73
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,231.73**

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Account ID MEP40

Amount Paid $ _____

Invoice Number 27399

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
BW		Justin (Mar 7, 2025 13:31 PST)	
Age Invoice 30 days or pay by:			
G/L Code: 008.0000.700210.000,008.0000.701210.000			
Comments: 103037			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: March 3, 2025 **Invoice Number:** 27418 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: February 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: February 2025	14.00	83.66	1,171.24
	Purchase Order #15~~0~~9 15579 ✓			

Received By: Breann Wilkins Date: 2/1/25

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$	2,817.35
Credit Applied	$	0.00
Total Amount Due Now	**$**	**2,817.35** ✓

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Amount Paid $ _____

Account ID MEP40

Invoice Number 27418

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
K D		Justin Crook (Apr 9, 2025 4:07 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-701210-000			
Comments: 103145			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: April 4, 2025 **Invoice Number:** 27433 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: March 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: March 2025	10.00	83.66	836.60
	Purchase Order #~~15209~~ 15579 ✓			

Received By: Kitty Duer Date: 03/01/25

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$	2,482.71
Credit Applied	$	0.00
Total Amount Due Now	**$**	**2,482.71** ✓

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Amount Paid $ _____

Account ID MEP40

Invoice Number 27433

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

✓

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
A H		Justin Crook (May 6, 2025 11:06 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-701210-000			
Comments: 103263			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: May 5, 2025 **Invoice Number:** 27497 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: April 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: April 2025	8.00	83.66	669.28
	PO: MEP-15579 ✓			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,315.39
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,315.39** ✓

Received By: Annastatia Hemsley **Date:** 4/1/2025

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Amount Paid $ _____

Account ID MEP40

Invoice Number 27497

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
AH		Justin Crook (Jun 9, 2025 11:10 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-701210-000			
Comments: 103408			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: June 4, 2025 **Invoice Number:** 27587 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: May 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: May 2025	10.00	83.66	836.60
	PO: MEP-15579 ✓			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,482.71
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,482.71** ✓

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Amount Paid $ _____

Account ID MEP40

Invoice Number 27587

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

✓

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
A H		Justin Crook (Jul 7, 2025 12:58 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-701210-000			
Comments: 103502			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: July 2, 2025 **Invoice Number:** 27676 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: June 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: June 2025	8.00	83.66	669.28
	PO: MEP-15579 ✓			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,315.39
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,315.39** ✓

Received By: Annastatia Hemsley **Date:** 6/1/25

Detach and Return with Remittance

Customer Name
Mariposa Energy, LLC

Account ID MEP40

Amount Paid $ _____

Invoice Number 27676

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
A H		Justin Crook (Aug 4, 2025 15:17:11 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-701210-000			
Comments: 103623			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: August 1, 2025 **Invoice Number:** 27783 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: July 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: July 2025	7.00	83.66	585.62
	PO: MEP-15579 ✓			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,231.73
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,231.73** ✓

Received By: Annastatia Hemsley **Date:** 7/1/25

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Amount Paid $ _____

Account ID MEP40

Invoice Number 27783

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

✓

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
NB		Justin Crook (Sep 3, 2025 11:03:13 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-70120-000			
Comments: 103745			

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: September 2, 2025 **Invoice Number:** 27877 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: August 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: August 2025	9.00	83.66	752.94
	PO: MEP-15579 ✓			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,399.05
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,399.05** ✓

Received By: NB **Date:** 08/01/2025

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Amount Paid $ _____

Account ID MEP40

Invoice Number 27877

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
NB		Justin Crook (Oct 6, 2025 15:49:45 PDT)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-700210-000 & 008-0000-701210-000			
Comments: 103865			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: October 2, 2025 **Invoice Number:** 27965 ✓ **Terms:** Due Upon Receipt

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: September 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: September 2025	7.00	83.66	585.62
	PO: MEP-15579 ✓			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$ 2,231.73 ✓
Credit Applied	$ 0.00
Total Amount Due Now	**$ 2,231.73**

Received By: NB **Date:** 09/01/2025

✓

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Account ID MEP40

Amount Paid $ _____

Invoice Number 27965

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
NB		Justin Crook (Nov 10, 2025 13:25:26 PST)	
Age Invoice 30 days or pay by:			
G/L Code: 008-0000-70210-000 & 008-0000-701210-000			
Comments: 103999			

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: November 3, 2025 **Invoice Number:** 28043 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: October 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: October 2025	5.00	83.66	418.30
	PO: MEP-15579 ✓			

Received By: NB **Date:** 10/01/2025

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$	2,064.41 ✓
Credit Applied	$	0.00
Total Amount Due Now	**$**	**2,064.41**

✓

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Account ID MEP40

Amount Paid $ _____

Invoice Number 28043

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: December 3, 2025 **Invoice Number:** 28115 ✓ **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: November 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: November 2025	6.00	83.66	501.96
	PO: MEP-15579 ✓			

Entered	Approval		
	BC	PM	AM/Sr. Mgmt
NB		Justin Crook (Dec 9, 2025 13:40:18 PST)	

Age Invoice 30 days or pay by:

G/L Code: 008-0000-700210-000 & 008-0000-701210-000

Comments: 104109

Received By: NB **Date:** 11/01/2025

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$	2,148.07 ✓
Credit Applied	$	0.00
Total Amount Due Now	**$**	**2,148.07**

Detach and Return with Remittance

Customer Name Mariposa Energy, LLC

Account ID MEP40

Amount Paid $ _____

Invoice Number 28115

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron-Bethany Irrigation District
7995 Bruns Road
Byron, CA 94514-1625

Bill To:

Mariposa Energy, LLC
Asset Manager
4887 Bruns Road
Byron, Ca 94514

Invoice

Byron-Bethany Irrigation District Dedicated to Excellence in Service

Invoice Date: January 6, 2026 **Invoice Number:** 28515 **Terms: Due Upon Receipt**

Item	Description	QTY	Rate	Total
MEPFixed	Fixed Monthly Charge for the Month: December 2025	1.00	1,646.11	1,646.11
MEPWater	Month Usage for: December 2025	7.00	83.66	585.62
	PO: MEP-15579			

NOTE: Invoices are processed at the beginning of each month. These invoices reflect your current activity and are due and payable upon receipt. Statements are available the 20th of each month and include a recap of all invoices outstanding and due through that time. Please remember the service will be interrupted on all unpaid balances. Any questions on invoices or statements, please call (209) 835-0375.

Sub-total	$	2,231.73
Credit Applied	$	0.00
Total Amount Due Now	**$**	**2,231.73**

Detach and Return with Remittance

Customer Name
Mariposa Energy, LLC

Account ID MEP40

Amount Paid $ _____

Invoice Number 28515

Invoice due upon receipt. Reminder: service will be interrupted on all accounts 60 days past due.

Telephone: (209) 835-0375 Facsimile: (209) 835-2869

Byron Bethany Irrigation District
Bethany M&I Service Area
7995 Bruns Road
Byron, CA 94514-1625

2023 Location	Jan Gallons	Feb Gallons	Mar Gallons	Apr Gallons	May Gallons	Jun Gallons	Jul Gallons	Aug Gallons	Sep Gallons	Oct Gallons	Nov Gallons	Dec Gallons	Total Gallons
MEP	122250	371314	1066346	1234562	241566	189732	797070	450858	327956	535618	386962	537900	6262134

2023 Location	Jan Acre Feet	Feb Acre Feet	Mar Acre Feet	Apr Acre Feet	May Acre Feet	Jun Acre Feet	Jul Acre Feet	Aug Acre Feet	Sep Acre Feet	Oct Acre Feet	Nov Acre Feet	Dec Acre Feet	Total Acre Feet
MEP	0.375	1.139	3.271	3.787	0.741	0.582	2.445	1.383	1.006	1.643	1.187	1.65	**19.209**

2023 Location	Jan Events	Feb Events	Mar Events	Apr Events	May Events	Jun Events	Jul Events	Aug Events	Sep Events	Oct Events	Nov Events	Dec Events	Total Events
MEP	6	9	16	18	9	7	13	11	10	13	10	9	**131**

2024 Location	Jan Gallons	Feb Gallons	Mar Gallons	Apr Gallons	May Gallons	Jun Gallons	Jul Gallons	Aug Gallons	Sep Gallons	Oct Gallons	Nov Gallons	Dec Gallons	Total Gallons
MEP	199186	71720	352080	182886	279708	411412	1432118	658520	658520	712310	366424	101060	**5425944**

2024 Location	Jan Acre Feet	Feb Acre Feet	Mar Acre Feet	Apr Acre Feet	May Acre Feet	Jun Acre Feet	Jul Acre Feet	Aug Acre Feet	Sep Acre Feet	Oct Acre Feet	Nov Acre Feet	Dec Acre Feet	Total Acre Feet
MEP	6.11	0.22	1.08	0.561	0.858	1.262	4.393	2.02	2.02	2.19	1.124	0.31	**22.148**

2024 Location	Jan Events	Feb Events	Mar Events	Apr Events	May Events	Jun Events	Jul Events	Aug Events	Sep Events	Oct Events	Nov Events	Dec Events	Total Events
MEP	17	7	7	8	8	11	20	10	10	12	11	6	**127**

2025 Location	Jan Gallons	Feb Gallons	Mar Gallons	Apr Gallons	May Gallons	Jun Gallons	Jul Gallons	Aug Gallons	Sep Gallons	Oct Gallons	Nov Gallons	Dec Gallons	Total Gallons
MEP	100082	696336	349146	182886	264386	147678	87368	266016	339692	8802	95518	12062	**2549972**

2025 Location	Jan Acre Feet	Feb Acre Feet	Mar Acre Feet	Apr Acre Feet	May Acre Feet	Jun Acre Feet	Jul Acre Feet	Aug Acre Feet	Sep Acre Feet	Oct Acre Feet	Nov Acre Feet	Dec Acre Feet	Total Acre Feet
MEP	0.307	2.136	1.071	0.561	0.811	0.453	0.2683	0.816	1.042	0.027	0.293	0.037	**7.8223**

2025 Location	Jan Events	Feb Events	Mar Events	Apr Events	May Events	Jun Events	Jul Events	Aug Events	Sep Events	Oct Events	Nov Events	Dec Events	Total Events
MEP	7	14	10	8	10	8	7	9	7	5	6	7	**98**

Exhibit 6

Right – Of – Way, TLSN – 3

Mariposa Energy, LLC

TRANSMISSION LINE RIGHT-OF-WAY INSPECTION (6.00.79)
Quarterly Inspection

Technician performing the inspection: Name: R. ARMENTA
Date: 1/7/25

Onsite transmission:

Are there any signs of vegetation grown within the 230KV yard: Yes ____ No ✓
if yes, list location and corrective action taken: _____

Are there any signs of vegetation grown under or near the 230KV lines between the plant and the PG&E yard:
Yes ____ No ✓
if yes, list location and corrective action taken: _____

Reviewed By: _____
Plant Manager

Mariposa Energy, LLC

TRANSMISSION LINE RIGHT-OF-WAY INSPECTION (6.00.79)
Quarterly Inspection

Technician performing the inspection: Name: Rich Gromm
Date: 9-1-25

Onsite transmission:

Are there any signs of vegetation grown within the 230KV yard: Yes ____ No X
if yes, list location and corrective action taken: _____

Are there any signs of vegetation grown under or near the 230KV lines between the plant and the PG&E yard:
Yes ____ No X
if yes, list location and corrective action taken: _____

Reviewed By: _____
Plant Manager

found some rodent holes along the west fence line which I filled in with rocks + dirt

Mariposa Energy, LLC

TRANSMISSION LINE RIGHT-OF-WAY INSPECTION (6.00.79)
Quarterly Inspection

Technician performing the inspection: Name: Rich Groman
Date: 7-2-25

Onsite transmission:

Are there any signs of vegetation grown within the 230KV yard: Yes ____ No X
if yes, list location and corrective action taken: _____

Are there any signs of vegetation grown under or near the 230KV lines between the plant and the PG&E yard:
Yes ____ No X
if yes, list location and corrective action taken: _____

Reviewed By: _____
Plant Manager

Mariposa Energy, LLC

TRANSMISSION LINE RIGHT-OF-WAY INSPECTION (6.00.79)
Quarterly Inspection

Technician performing the inspection: Name: Rich Gromm
Date: 10-2-25

Onsite transmission:

Are there any signs of vegetation grown within the 230KV yard: Yes ____ No X
if yes, list location and corrective action taken: _____

Are there any signs of vegetation grown under or near the 230KV lines between the plant and the PG&E yard:
Yes ____ No X
if yes, list location and corrective action taken: _____

Reviewed By: _____
O&M Manager

Exhibit 7

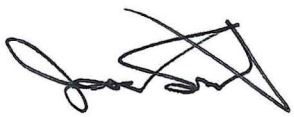
Surface Treatment, VIS – 1

Mariposa Energy 2025

Surface Treatment Activities

January 7, 2026

Mariposa Energy, LLC (09-AFC-3C) did not have any major surface treatment activities that occurred during the 2025 calendar year (January 01 - December 31).



Jason Smith
EH&S Coordinator
Mariposa Energy, LLC
4887 Bruns Rd
Byron, CA 94514
925-666-5409
j.smith@dgc-ops.com

Exhibit 8

Landscaping, VIS – 6

Log Detail Report

Entry ID:	45379	**Location:**	Mariposa -> ANNUAL PM -> PREFILLED ENTRIES
Log:	6.90.13 ANNUAL LANDSCAPING / PLANT INSPECTION	**Created By/Date:**	Rodney Fitch - 03/20/25 06:27
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 03/20/25 06:28
Shift:	NA		
Log Date:	03/20/25 06:27		

ANNUAL INSPECTION COMPLETED

6.90.13 ANNUAL LANDSCAPING / PLANT INSPECTION

LOCATION: **MARIPOSA ENERGY PROJECT**

PROCEDURE: **6.90.13 ANNUAL LANDSCAPING / PLANT INSPECTION**

MAXIMO WO# 343397

INSTRUCTIONS: THIS INSPECTION SHOULD BE COMPLETED ANNUALLY. SELECT YES OR NO BASED ON THE YOUR OBSERVATIONS.
FOR ANY YES RESPONSE ADD COMMENTS AND IF YOU ANSWER "YES" ON ANY QUESTION DESCRIBE ANY CORRECTIVE ACTIONS IN THE COMMENTS

INSPECT FOR DEAD OR DYING PLANTS POND
- Use map in PM Work Order attachment's:
- Mark "Yes" for dead/dying. Mark "NO" for alive and well.

LANDSCAPING INSPECTION:

PLANT:	DEAD/DYING
PLANT #1	NO
PLANT #2	NO
PLANT #3	NO
PLANT #4	NO
PLANT #5	NO
PLANT #6	NO
PLANT #7	NO
PLANT #8	NO
PLANT #9	NO
PLANT #10	NO

Acknowledgements

Fred Yarcho assigned acknowledgements on **03/20/25 06:28**

Fred Yarcho 03/24/25 05:06

Exhibit 9

Waste Management Plan, WASTE – 6

Condition of Certification WASTE-6 verification states, "The project owner shall also document in each Annual Compliance Report the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan as necessary to address current waste generation and management practices.

ALL WASTE CALCULATED INTO POUNDS (EXCEPT FOR SANITARY WASTE) FOR EASE OF WASTE TRACKING.

MARIPOSA - 2025 WASTE-6

Uniform Hazardous Waste Generator Number: **CAL000361636**

		Planned Waste Management ESTIMATED					
Operations Waste Stream	Waste Hazard Classification (waste code)	Estimated Quantity	On-site storage	Off-site disposal	Quantity	On-site storage	Off-site disposal
Class 3 Garbage: Inert waste - not limited to materials such as vegetation, paper, rock, wood, and plastics.	Nonhazardous waste	50,000 pounds	Roll-off bins	Landfill using local waste transporter	30,900 pounds	Roll-off bins	Landfill using local waste transporter
Makeup water solids (Clarifier)	Nonhazardous waste	- pounds	Clarifier in-service waste collector tank	Landfill using local waste transporter	0 pounds	Clarifier in-service waste collector tank	Landfill using local waste transporter
Gas Turbine Water Wash	Nonhazardous waste	75000 pounds	Gas Turbine Water Wash Tank (3)	Non-hazardous liquid waste treatment facility	60,000 pounds	Gas Turbine Water Wash Tank (3)	Non-hazardous liquid waste treatment facility
Spent Activated Carbon (Makeup water process)	Nonhazardous waste	5,000 pounds	Media filters	Regenerated on-site to reactivate carbon	1,000 pounds	Media filters	Regenerated on-site to reactivate carbon
Spent rechargeable batteries (lithium-ion and	Universal waste	25 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	0 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Spent alkaline batteries	Universal waste	25 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	0 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Aerosol cans	Universal waste	25 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	0 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Lamps (high intensity discharge; non-vapor)	Universal waste	25 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	10 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Lamps (florescent, mercury vapor lamps)	Universal waste	50 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	40 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Non-PCB Lamp Ballasts	Universal waste	100 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	56 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Electrical (monitors, computers, keyboards)	Universal waste	1,000 pounds	Universal Waste Storage	Approved TSDF by licensed transporter	43 pounds	Universal Waste Storage	Approved TSDF by licensed transporter
Spent lead acid batteries (wet non-spillable)	Universal waste	500 pounds	Hazardous Waste Storage	Approved TSDF by licensed transporter	39 pounds	Hazardous Waste Storage	Approved TSDF by licensed transporter
Spent lead acid batteries (wet; filled with acid)	Universal waste (CA 181)	0 pounds	Hazardous Waste Storage	Approved TSDF by licensed transporter	0 pounds	Hazardous Waste Storage	Approved TSDF by licensed transporter
Sanitary wastewater (Exempt from totals)	Sanitary Waste	50,000 gallons	Sanitary Waste Tanks (2)	Landfill using local waste transporter	33,000 gallons	Sanitary Waste Tanks (2)	Landfill using local waste transporter
Lead Acetate Tape (for chromatograph)	Hazardous Solids	20 pounds	Hazardous Waste Storage	Approved TSDF by licensed transporter	10 pounds	Hazardous Waste Storage	Approved TSDF by licensed transporter
Oily rags	Hazardous solids (CA 352)	- pounds	Dirty rag storage containers	Laundry Service	0 pounds	Dirty rag storage containers	Laundry Service
Empty Aerosol	Hazardous solids (CA 352)	pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter	5 pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter
Used oil filters	Hazardous solids (CA 352)	- pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter	0 pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter
Oily absorbents and oily solid waste	Hazardous solids (CA 352)	5,000 pounds	Hazardous Waste Storage	Disposal facility by licensed transporter	3,950 pounds	Hazardous Waste Storage	Disposal facility by licensed transporter
Used oils (hydraulic fluid, motor oils, lube oils, grease)	Hazardous liquids (CA 221)	2,500 pounds	Hazardous Waste Storage	Disposal facility by licensed transporter	1,760 pounds	Hazardous Waste Storage	Disposal facility by licensed transporter
Oily waste water (from oily water separators)	Hazardous liquids (CA223)	0 pounds	Oil/Water Separator Tank	Recycle/disposal site by licensed tanker truck contractor	0 pounds	Oil/Water Separator Tank	Recycle/disposal site by licensed tanker truck contractor
Water with WW Coagulant	Hazardous liquids (CA131)	2200 pounds	Clarifier Storage	Recycle/disposal facility by licensed transporter	2,200 pounds	Clarifier Storage	Recycle/disposal facility by licensed transporter
Water with Anionic Polymer Solution	Hazardous liquids (CA791)	0 pounds	Clarifier Storage	Recycle/disposal facility by licensed transporter	0 pounds	Clarifier Storage	Recycle/disposal facility by licensed transporter
Unspecified Aqueous Solution	Hazardous liquids (CA135)	0 pounds	Hazardous Waste Storage	One time generation	0 pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter
Latex Paint	Hazardous liquids (CA291)	0 pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter	0 pounds	Hazardous Waste Storage	Recycle/disposal facility by licensed transporter
Spent SCR catalyst	Hazardous waste	0 pounds	Cells Loaded on to Truck	No action, original SCR catalyst in operation	0 pounds	Cells Loaded on to Truck	No action, original SCR catalyst in operation
Spent CO catalyst	Hazardous waste	0 pounds	Cells Loaded on to Truck	Spent CO catalyst returned to manufacturer to recycle	0 pounds	Cells Loaded on to Truck	Spent CO catalyst returned to manufacturer to recycle
Waste Chemical	Hazardous waste	- pounds	Hazardous Waste Storage	Disposal facility by licensed transporter	0 pounds	Hazardous Waste Storage	Disposal facility by licensed transporter
Planned Waste - Non Hazardous 2025		**131,750 pounds**		**Actual Waste - Non Hazardous 2025**	**125,088 pounds**		
Planned Waste - Hazardous 2025		**9,720 pounds**		**Actual Waste - Hazardous 2025**	**7,925 pounds**		
Previously unidentified waste stream		0	Anything reported in this line will require additional supporting documentation, including an explanation of why this waste stream was not previously identified				

Hazardous Waste Manifests

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000361636	1	800-575-1066	027586556 JJK

GENERATOR

5. Generator's Name and Mailing Address: MARIPOSA ENERGY PROJECT, 4887 BURNS ROAD, BYRON, CA 94514
Generator's Phone: 209-833-3878
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US ECOLOGY - NEVADA, HIGHWAY 95, 11 MILES S OF BEATTY, BEATTY, NV 89003 — U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE SOLID (OILY DEBRIS)	1	DM	200	P	352		
	2. NON RCRA HAZARDOUS WASTE LIQUID (WASTE OIL)	1	DM	55	G	221	222	
	3. UN3077ENVIRONMENTALLY HAZARDOUS SUBSTANCE (LERASD ACETATE TAPE) 9, SOLID, N.O.S	1	DF	5	P	352	D003	
	4. UN1950, WASTE ARESOLS, 2.1 (ERG. 125)	1	DF	5	P	D001	352	

14. Special Handling Instructions and Additional Information
DES 4147-001
LINE 1:070128300-25782 LINE 3:070128301-2191
LINE 2:070131570-7002 LINE 4: 070196420-0

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jason Smith — Signature — Month: 10 Day: 06 Year: 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bill Chamblee — Signature — Month: 10 Day: 06 Year: 25

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132	H039	H132	H039

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Ina Torres — Signature — Month: 10 Day: 07 Year: 25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAL000351636	1	800-675-1056	027587056 JJK

GENERATOR

5. Generator's Name and Mailing Address: MARIPOSA ENERGY PROJECT, 4887 BURNS ROAD, BYRON, CA 94514
Generator's Site Address (if different than mailing address):
Generator's Phone: 209-833-3878

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US ECOLOGY - NEVADA, HIGHWAY 95, 11 MILES S OF BEATTY, BEATTY, NV 89003 — U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE SOLID (OILY DEBRIS)	5	DM	1200	P	352		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
DES 4147-001
LINE 1: 070128300-25782

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jason Smith — Signature — Month: 6 Day: 18 Year: 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JASON MARCHINO — Signature — Month: 6 Day: 18 Year: 25

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Tyshawna Sorto — Signature — Month: 6 Day: 18 Year: 25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAL000361636	1	800-675-1066	025859951 JJK

GENERATOR

5. Generator's Name and Mailing Address
MARIPOSA ENERGY PROJECT
4887 BURNS ROAD
BYRON, CA 94514
Generator's Phone: 209-833-3878

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name: Dillard Environmental — U.S. EPA ID Number: CAD982523433

8. Designated Facility Name and Site Address: US ECOLOGY - NEVADA
HIGHWAY 95, 11 MILES S OF BEATTY
BEATTY, NV 89003
Facility's Phone: 775-553-2203
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE SOLID (OILY DEBRIS)	5	DM	1200	P	352		
	2. NON RCRA HAZARDOUS WASTE LIQUID (WASTE OIL)	1	DM	55	G	221	222	
	3.							
	4.							

14. Special Handling Instructions and Additional Information
DES 4147-001
LINE 1: 070128300-25782
LINE 2: 070131570-7602

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Cameron Dwight — Signature: [signature] — Month: 4 — Day: 23 — Year: 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard Harrell — Signature: [signature] — Month: 4 — Day: 23 — Year: 25

Transporter 2 Printed/Typed Name: — Signature: — Month: — Day: — Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: — Day: — Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132	H039		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jordyn Kawamatsu for Cameron Waste — Signature: [signature] — Month: 4 — Day: 24 — Year: 25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000361636	1	800-575-1066	025859898 JJK

GENERATOR

5. Generator's Name and Mailing Address

MARIPOSA ENERGY PROJECT
4887 BURNS ROAD
BYRON, CA 94514

Generator's Phone: 209-833-3878

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

US ECOLOGY - NEVADA
HIGHWAY 95, 11 MILES S OF BEATTY
BEATTY, NV 89003

U.S. EPA ID Number: NVT330010000

Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE LIQUID (POLYFLOC & WATER)	1	TP	275	G	181		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

DES 4147-001
LINE 1: 070131570 - 15709

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: R. MONTOYA — Signature — Month: 3 Day: 21 Year: 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rochelle Fisher — Signature — Month: 3 Day: 21 Year: 25

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H039	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Cindi Martinez — Signature — Month: 3 Day: 31 Year: 25

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000361636	1	800-675-1065	025859792 JJK

GENERATOR

5. Generator's Name and Mailing Address
MARIPOSA ENERGY PROJECT
4887 BURNS ROAD
BYRON, CA 94514
Generator's Phone: 209-833-3878

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
US ECOLOGY - NEVADA
HIGHWAY 95, 11 MILES S OF BEATTY
BEATTY, NV 89003
Facility's Phone: 775-553-2203
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE SOLID (OILY DEBRIS)	4	DM	1200	P	352		
	2. NON RCRA HAZARDOUS WASTE LIQUID (WASTE OIL)	1	DM	55	G	221	222	
	3. UN3077, HAZARDOUS WASTE SOLID (LEAD ACETATE TAPE) N.O.S. 9, PGIII	1	DF	5	P	D008	352	
	4.							

14. Special Handling Instructions and Additional Information
DES 4147-001
LINE 1: 070128300-25782 LINE 3:070128301-2191
LINE 2: 070131570-7602

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jason Smith — Signature — Month: 2 Day: 21 Year: 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Brown — Signature — Month: 2 Day: 21 Year: 25

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132	H039	H132	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Angel — Signature — Month: 02 Day: 27 Year: 25

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: CAL000361636	2. Page 1 of 1	3. Emergency Response Phone: 800-675-1066	4. Manifest Tracking Number: 025859889 JJK

GENERATOR

5. Generator's Name and Mailing Address
MARIPOSA ENERGY PROJECT
4887 BURNS ROAD
BYRON, CA 94514
Generator's Phone: 209-833-3878

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: DILLARD ENVIRONMENTAL SERVICES — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: US ECOLOGY - NEVADA, HIGHWAY 95, 11 MILES S OF BEATTY, BEATTY, NV 89003 — U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON RCRA HAZARDOUS WASTE SOLID (OILY DEBRIS)	1	DM	150	P	352
	2. NON RCRA HAZARDOUS WASTE LIQUID (WASTE OIL)	1	DM	55	G	221
	3.					
	4.					

14. Special Handling Instructions and Additional Information
DES 4147-001
LINE 1: 070128300-25782
LINE 2: 070131570-7602

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jason Smith — Signature: [signature] — Month 1 Day 24 Year 25

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Brown — Signature: [signature] — Month 1 Day 24 Year 25
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H132	2. H039	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jordyn Koyamatsu — Signature: [signature] — Month 1 Day 25 Year 25

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. **DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM**

Non – Hazardous Waste Manifests

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1.					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1		

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1.			2500		
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: R Rodney Fith — Signature — Month: 2 — Day: 17 — Year: 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Edward A Rouse — Signature — Month: 2 — Day: 17 — Year: 25

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month: 2 — Day: 17 — Year: 25

Bill of Lading / Packing List

Date: 5/7/2025

Invoice:

Shipper:	Ship to (Consignee):
Carbon Supply Inc 8429 S. Eastern Ave. Bell Gardens, CA 90201	Mariposa Power Plant Bruns Rd. Byron, Ca

Ship out Date:

Description	Quantity	Packing
Change out 1000k liquid carbon vessel. W/Ac1230 virgin	1000lb AC1230	Fill
TOTALS		Est. Weight

Cust. Order No.		Carrier:	
Class:	50	Freight:	PRE PAID
Item No:	40590	Container No.	Text
Freight Note:		Seal No.	
Delivery Request:		Pro No.	
Third Party Billing To:			

Site Contact :

"THE CARRIER ACKNOWLEDGES THAT THE SHIPMENT IS RECEIVED IN "CLEAN ON BOARD" CONDITION AND THE CARRIER WILL BE LIABLE FOR ANY DAMAGES OCCURRED DURING TRANSPORTATION BEFORE DELIVERY IS COMPLETED"

Signature of the Carrier: **Signature of Receiver:**

_____

_____

Universal Waste

CERTIFICATE OF ACCEPTANCE
FOR RECYCLING AND/OR DISPOSAL

By accepting the waste products described by the document number below on this certificate, Veolia ES Technical Solutions L.L.C. (Veolia ES) certifies to the generator that the transportation, storage or processing methods employed are in accordance with the Veolia ES permit parameters and all applicable federal, state and local laws.

BILL TO:	GENERATOR:
GRAINGER RECYCLEPAK P.O BOX 1548, DEPT. A SKOKIE, IL 60077-8548	MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514

Product Code	Description	Qty	UOM
LP-FCMP01	Recycle - Compact Fluorescent Lamps	7.00000	LMP
LP-LEDCMP	Recycle - LED Compacts	20.0000	LMP

KEY: P = POUNDS, LFT = LINEAR FEET, LMP = LAMP, EA = EACH
Questions regarding this certificate should be directed to customer service, toll free at 1-800-556-5267.

DOCUMENT #: K13457314
SALES ORDER #: 2353676
RECEIVED DATE: 12/18/2025
FACILITY EPA ID: AZ0000337360
RETURN TRACKING #: 691191707102756
CUSTOMER MANIFEST: 4K53241L-2M25556N
STATE MANIFEST:
LINE NOTE: SUPPLY-126

PROCESSING FACILITY:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
5736 W. JEFFERSON ST.
PHOENIX, AZ 85043

Under civil and criminal penalties of law for making or submission of false statements or representations (18 U.SC 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified information in this document, for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made verification that this information is true, accurate and complete.

Kevin Shaver, Branch Manager
12/19/2025

CERTIFICATE OF ACCEPTANCE
FOR RECYCLING AND/OR DISPOSAL

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BILL TO:	GENERATOR:
GRAINGER RECYCLEPAK P.O BOX 1548, DEPT. A SKOKIE, IL 60077-8548	MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514

Product Code	Description	Qty	UOM
BL-NPCB-RE	Recycle - Non-PCB Lamp Ballasts	56.0000	P

KEY: P = POUNDS, LFT = LINEAR FEET, LMP = LAMP, EA = EACH
Questions regarding this certificate should be directed to customer service, toll free at 1-800-556-5267.

DOCUMENT #: K13446369
SALES ORDER #: 2354952
RECEIVED DATE: 11/13/2025
FACILITY EPA ID: AZ0000337360
RETURN TRACKING #: 691191705527711
CUSTOMER MANIFEST: 5S53049T-1U02717V
STATE MANIFEST:
LINE NOTE: SUPPLY-040

PROCESSING FACILITY:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
5736 W. JEFFERSON ST.
PHOENIX, AZ 85043

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Kevin Shaver, Branch Manager
12/05/2025

CERTIFICATE OF ACCEPTANCE
FOR RECYCLING AND/OR DISPOSAL

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BILL TO:	GENERATOR:
GRAINGER RECYCLEPAK P.O BOX 1548, DEPT. A SKOKIE, IL 60077-8548	MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514

Product Code	Description	Qty	UOM
LP-F04	Recycle - Four Foot Fluorescent Lamps	72.0000	LMP

KEY: P = POUNDS, LFT = LINEAR FEET, LMP = LAMP, EA = EACH
Questions regarding this certificate should be directed to customer service, toll free at 1-800-556-5267.

DOCUMENT #: K13448906
SALES ORDER #: 2312952
RECEIVED DATE: 11/20/2025
FACILITY EPA ID: AZ0000337360
RETURN TRACKING #: 691191706123776
CUSTOMER MANIFEST: 1U53067V-5W44192X
STATE MANIFEST:
LINE NOTE: SUPPLY-043

PROCESSING FACILITY:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
5736 W. JEFFERSON ST.
PHOENIX, AZ 85043

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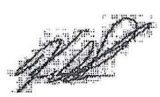

Kevin Shaver, Branch Manager
12/05/2025

CERTIFICATE OF ACCEPTANCE
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BILL TO:	GENERATOR:
MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514	MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514

Product Code	Description	Qty	UOM
BT-LA DRY	Recycle - Lead Acid Batteries - Sealed	20.0000	P

KEY: P = POUNDS, LFT = LINEAR FEET, LMP = LAMP, EA = EACH
Questions regarding this certificate should be directed to customer service, toll free at 1-800-556-5267.

DOCUMENT #: K13422419
SALES ORDER #: 2370194
RECEIVED DATE: 08/27/2025
FACILITY EPA ID: AZ0000337360
RETURN TRACKING #: 691191707991022
CUSTOMER MANIFEST: 7Q53684R-5S34029T
STATE MANIFEST:
LINE NOTE: SUPPLY-150CH

PROCESSING FACILITY:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
5736 W. JEFFERSON ST.
PHOENIX, AZ 85043

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Kevin Shaver, Branch Manager
09/10/2025

CERTIFICATE OF ACCEPTANCE
FOR RECYCLING AND/OR DISPOSAL

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BILL TO:	GENERATOR:
GRAINGER RECYCLEPAK P.O BOX 1548, DEPT. A SKOKIE, IL 60077-8548	MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514

Product Code	Description	Qty	UOM
EL-CMP-01	Recycle/Reuse - Unsorted Computer/Electronic Equipment	43.0000	P

KEY: P = POUNDS, LFT = LINEAR FEET, LMP = LAMP, EA = EACH
Questions regarding this certificate should be directed to customer service, toll free at 1-800-556-5267.

DOCUMENT #: K13425443
SALES ORDER #: 2329315
RECEIVED DATE: 09/09/2025
FACILITY EPA ID: AZ0000337360
RETURN TRACKING #: 691191705812046
CUSTOMER MANIFEST: 3G53124H-2I75078J
STATE MANIFEST:
LINE NOTE: SUPPLY-061

PROCESSING FACILITY:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
5736 W. JEFFERSON ST.
PHOENIX, AZ 85043

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Kevin Shaver, Branch Manager
09/10/2025

CERTIFICATE OF ACCEPTANCE
FOR RECYCLING AND/OR DISPOSAL

By accepting the waste products described by the document number below on this certificate, Veolia ES Technical Solutions L.L.C. (Veolia ES) certifies to the generator that the transportation, storage or processing methods employed are in accordance with the Veolia ES permit parameters and all applicable federal, state and local laws.

BILL TO:	GENERATOR:
GRAINGER RECYCLEPAK P.O BOX 1548, DEPT. A SKOKIE, IL 60077-8548	MARIPOSA ENERGY 4887 BRUNS RD. BYRON, CA 94514

Product Code	Description	Qty	UOM
BT-LA DRY	Recycle - Lead Acid Batteries - Sealed	19.0000	P

KEY: P = POUNDS, LFT = LINEAR FEET, LMP = LAMP, EA = EACH
Questions regarding this certificate should be directed to customer service, toll free at 1-800-556-5267.

DOCUMENT #: K13367369
SALES ORDER #: 2254303
RECEIVED DATE: 03/25/2025
FACILITY EPA ID: AZ0000337360
RETURN TRACKING #: 691191703292796
CUSTOMER MANIFEST: 4K52691L-2M54346N
STATE MANIFEST:
LINE NOTE: SUPPLY-150

PROCESSING FACILITY:
VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.
5736 W. JEFFERSON ST.
PHOENIX, AZ 85043

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Kevin Shaver, Branch Manager
04/01/2025

HP Planet Partners Supplies Return and Recycling program

Thank you for partnering with HP to be more sustainable, together!

This is your

Order Confirmation

#US77019417ES

Your Recycling label will arrive in your e-mail box.

Jason Smith	4887 Bruns Rd, Byron, CA, US, 94514, 9256665409
QTY 5	**Recycling Summary** HP LaserJet toner cartridges
QTY 1	**Material Details** Toner Label

HP Planet Partners Supplies Return and Recycling program

IMPORTANT: Only return Original HP supplies approved by the HP Planet Partners recycling program. HP cannot accept refilled or remanufactured cartridges, warranty items, or other non-returnable supplies via the HP Planet Partners recycling program. Any unauthorized material inadvertently sent is not tracked and cannot be returned.

TRACY MATERIAL RECOVERY AND SOLID WASTE TRANSFER, INC.
30703 So. MacArthur Drive, Tracy, CA 95377
Telephone (209) 832-2355 • Fax (209) 832-3062
www.tracymaterialrecovery.com

INBOUND CASH

000000 CASH CUSTOMER

SITE	TICKET	GRID	SCALE ATTENDANT
01	01516254		AL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/20/25	05/20/25	13:07	13:07		

REFERENCE	ORIGIN
	TRACY

Stored Gross Wt. 0 LB
Stored Tare Wt. 0 LB
Net Weight 0 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
12.00	EACH	CAR TIRE	14.500	174.00	0.00	174.00

TRACY MATERIAL RECOVERY OPERATING HOURS:
Mon - Fri 8:00am - 4:00pm Sat 8:00am - 3:30pm
FOR YOUR SAFETY, PLEASE REMAIN WITH YOUR VEHICLE.
A $25.00 SERVICE FEE IS APPLIED TO RETURNED BUSINESS CHECKS.

NET AMOUNT
TENDERED 174.00
CHANGE 0.00
CHECK 0.00

Form 215 (2/19)

SIGNATURE _____

MC1791

TRACY MATERIAL RECOVERY
30703 S MACARTHUR DR
TRACY, CA 95377-9170
209-835-0601

SALE

REF#: 00000014
Batch #: 927
05/20/25 13:07:50
APPR CODE: 078386
ENCRYPTED BY ELAVON
Trace: 14
MASTERCARD Chip
**********1791 **/**
AMOUNT **$174.00**

APPROVED

Mastercard
AID: A0000000041010
TVR: 00 00 08 80 00
TSI: E8 00

THANK YOU
CUSTOMER COPY

Excluded Recyclable Material

Mariposa Energy 2025

Excluded Recyclable Material

January 7, 2026

Mariposa Energy, LLC (09-AFC-3C) did not ship off-site any Excluded Recyclable Material during the 2025 calendar year (January 01 - December 31).

Jason Smith
EH&S Coordinator
Mariposa Energy, LLC
4887 Bruns Rd
Byron, CA 94514
925-666-5409
j.smith@dgc-ops.com

Sanitary Waste

	Sanitary wastewater 2025
	33000
Week Of	
1/6/2025	600
1/13/2025	600
1/20/2025	500
1/27/2025	700
2/3/2025	550
2/10/2025	700
2/17/2025	800
2/24/2025	1150
3/3/2025	550
3/10/2025	450
3/17/2025	800
3/24/2025	800
3/31/2025	600
4/7/2025	650
4/14/2025	600
4/21/2025	800
4/28/2025	500
5/5/2025	650
5/12/2025	1100
5/19/2025	250
5/26/2025	675
6/2/2025	675
6/9/2025	550
6/16/2025	500
6/23/2025	550
6/30/2025	600
7/7/2025	800
7/14/2025	500
7/21/2025	550
7/28/2025	700
8/4/2025	550
8/11/2025	650
8/18/2025	600
8/25/2025	600
9/1/2025	700
9/8/2025	600
9/15/2025	800
9/22/2025	500
9/29/2025	750
10/6/2025	600
10/13/2025	450
10/20/2025	600
10/27/2025	700
11/3/2025	750
11/10/2025	600
11/17/2025	650
11/24/2025	1100
12/1/2025	400
12/8/2025	650
12/15/2025	500
12/22/2025	0
12/29/2025	800

Trash Bin Waste

Class 3 Garbage: 2025

Inert waste - not limited to materials such as vegitation, paper, rock, wood, and plastics

Week		Estimated lbs Per Week	Roll Offs As Needed		
Week 1	1/6/2024	150			
Week 2	1/13/2024	150			
Week 3	1/20/2024	150			
Week 4	1/27/2024	150			
Week 5	2/3/2024	150			
Week 6	2/10/2024	150	7880		
Week 7	2/17/2024	150	7160		
Week 8	2/24/2024	150			
Week 9	3/2/2024	150			
Week 10	3/9/2024	150			
Week 11	3/16/2024	150			
Week 12	3/23/2024	150			
Week 13	3/30/2024	150			
Week 14	4/6/2024	150			
Week 15	4/13/2024	150			
Week 16	4/20/2024	150			
Week 17	4/27/2024	150			
Week 18	5/4/2024	150			
Week 19	5/11/2024	150			
Week 20	5/18/2024	150	2680		
Week 21	5/25/2024	150			
Week 22	6/1/2024	150			
Week 23	6/8/2024	150			
Week 24	6/15/2024	150			
Week 25	6/22/2024	150			
Week 26	6/29/2024	150			
Week 27	7/6/2024	150			
Week 28	7/13/2024	150			
Week 29	7/20/2024	150			
Week 30	7/27/2024	150			
Week 31	8/3/2024	150			
Week 32	8/10/2024	150			
Week 33	8/17/2024	150	12040		
Week 34	8/24/2024	150			
Week 35	8/31/2024	150			
Week 36	9/7/2024	150			
Week 37	9/14/2024	150			
Week 38	9/21/2024	150			
Week 39	9/28/2024	150			
Week 40	10/5/2024	150			
Week 41	10/12/2024	150			
Week 42	10/19/2024	150			
Week 43	10/26/2024	150			
Week 44	11/2/2024	150	1140		
Week 45	11/9/2024	150			
Week 46	11/16/2024	150			
Week 47	11/23/2024	150			
Week 48	11/30/2024	150			
Week 49	12/7/2024	150			
Week 50	12/14/2024	150			
Week 51	12/21/2024	150			
Week 52	12/28/2024	150			
Totals		7800	30900	Total Both lbs	38700

Exhibit 10

WEAP Training Sign-In Sheets

First Name	Last Name	Company	Visitor Type	Host Name	Sign In	Sign Out	Duration	Site	Purpose of visit	Contractor Safety Orientation 1-24-2025	Mariposa Energy Contractor Orientation Questions
Kenny	Lieu	erthwrks	Contractor	Jason Smith	8/19/2025 8:07	8/19/2025 17:16	9:09	Head Office	Stack Testing	signed	signed
Morris	Mendrin	erthwrks	Contractor	Jason Smith	8/19/2025 8:06	8/19/2025 17:16	9:09	Head Office	Stack Testing	signed	signed
Max	Kammer	erthwrks	Contractor	Jason Smith	8/19/2025 8:06	8/19/2025 17:15	9:10	Head Office	Work	signed	signed
Raymond	Mayo	Power Storage Solutions	Contractor	Fred Yarcho	8/18/2025 8:42	8/18/2025 13:13	4:31	Head Office	Battery QPM	signed	signed
Alberto	Maciel	Unique Scaffold	Contractor	Fred Yarcho	8/18/2025 6:59	8/18/2025 12:30	5:31	Head Office	Scaffold	signed	signed
Melvin	Holmes	Unique Scaffold	Contractor	Fred Yarcho	8/18/2025 6:47	8/18/2025 12:30	5:43	Head Office	Scaffold	signed	signed
Brandon	Ballard	Summit Crane	Contractor	Mariposa Control Room	8/4/2025 7:45	8/4/2025 23:59	16:14	Head Office	Work	signed	signed
Justin	Pomato	Smc	Contractor	Fred Yarcho	8/3/2025 6:06	8/3/2025 16:19	10:14	Head Office	Work	signed	signed
Juan	Meza	Smc	Contractor	Fred Yarcho	8/3/2025 6:01	8/3/2025 16:17	10:16	Head Office	Work	signed	signed
Chris	Brazeau	Smc	Contractor	Fred Yarcho	8/3/2025 5:58	8/3/2025 16:20	10:21	Head Office	Work	signed	signed
Alex	Hernandez	Smc	Contractor	Fred Yarcho	8/3/2025 5:55	8/3/2025 16:17	10:22	Head Office	Work	signed	signed
Brian	Jones	SMC	Contractor	Fred Yarcho	8/3/2025 5:47	8/3/2025 16:18	10:31	Head Office	Catalast Replacement	signed	signed
Kermitt	Green	Unique Scaffold	Contractor	Jason Smith	7/31/2025 7:13	7/31/2025 10:09	2:56	Head Office	Scaffold	signed	signed
Chase	Smith	WCC	Contractor	Fred Yarcho	7/29/2025 7:10	7/29/2025 15:57	8:47	Head Office	Service	signed	signed
Xavion	Moreno	Associated Compressor & Equitment	Contractor	Kitty Duer	7/28/2025 9:08	7/28/2025 23:59	14:50	Head Office	Service	signed	signed
Victor	Guerra	Valley Techlogic Inc.	Contractor	Fred Yarcho	7/17/2025 8:32	7/17/2025 11:21	2:49	Head Office	IT	signed	signed
Abel		SMC	Contractor	Fred Yarcho	7/17/2025 6:31	7/17/2025 15:58	9:28	Head Office	Unit 900	signed	signed
Alex	Hernandez	Smc	Contractor	Fred Yarcho	7/17/2025 5:18	7/17/2025 15:59	10:41	Head Office	Work	signed	signed
Scott	Gerner	Associated	Contractor	Fred Yarcho	7/16/2025 11:54	7/16/2025 17:45	5:51	Head Office	Maintenance	signed	signed
Matt	Reeder	Associated	Contractor	Fred Yarcho	7/16/2025 11:51	7/16/2025 16:32	4:41	Head Office	Maintenance	signed	signed
Samuel	Grijalva	AG2 Inc.	Contractor	Fred Yarcho	7/16/2025 9:48	7/16/2025 10:11	0:23	Head Office	Job Walk	signed	signed
Abel		Smc	Contractor	Fred Yarcho	7/16/2025 6:18	7/16/2025 16:30	10:12	Head Office	Unit 900	signed	signed
Kevin	Callahan	Smc	Contractor	Fred Yarcho	7/16/2025 6:13	7/16/2025 16:33	10:20	Head Office	Unit 900	signed	signed
Matt	Gaska	Associated Compressor	Contractor	Fred Yarcho	7/11/2025 10:16	7/11/2025 23:59	13:42	Head Office	Service	signed	signed
James	Whitehorn	Synergy Catalyst	Contractor	Justin Crook	7/10/2025 9:18	7/10/2025 23:59	14:41	Head Office	Meeting	signed	signed
Carlo	Caravetta	Synergy Catalyst, LLC	Contractor	Justin Crook	7/10/2025 9:10	7/10/2025 11:01	1:51	Head Office	Inspection	signed	signed
Steven	Butler	Addvalora	Contractor	Justin Crook	7/10/2025 9:04	7/10/2025 11:22	2:19	Head Office	Insurance Claim	signed	signed
Bryan	Pourchot	Precision Iceblast Corporation	Contractor	Fred Yarcho	7/10/2025 9:00	7/10/2025 11:03	2:03	Head Office	Inspection	signed	signed
Alan	Martin	Precision Iceblast Corporation	Contractor	Fred Yarcho	7/10/2025 9:00	7/10/2025 11:02	2:02	Head Office	Inspection	signed	signed
Jason	Haas	Ervin Cohen & Jessup	Contractor	Fred Yarcho	7/10/2025 8:54	7/10/2025 11:02	2:09	Head Office	Inspection	signed	signed
Alex	Reimers	MGTA	Contractor	Fred Yarcho	7/10/2025 8:14	7/10/2025 11:03	2:49	Head Office	Insurance Inspection	signed	signed
Tyson	Welch	ValleyTechLogic	Contractor	Fred Yarcho	7/8/2025 9:45	7/8/2025 12:55	3:11	Head Office	IT	signed	signed
Scott	Rhynes	Veolia	Contractor	Fred Yarcho	6/26/2025 9:17	6/26/2025 11:33	2:15	Head Office	Meeting	signed	signed
Jakob	Youngsma	DL Payne Inc	Contractor	Fred Yarcho	6/23/2025 8:36	6/23/2025 16:42	8:06	Head Office	Electrical	signed	signed
Zachary	Guck	Summit Crane	Contractor	Fred Yarcho	6/12/2025 8:42	6/12/2025 15:20	6:38	Head Office	Crane	signed	signed
Justin		Smc	Contractor	Fred Yarcho	6/12/2025 7:10	6/12/2025 15:15	8:06	Head Office	Work	signed	signed
Eduardo	Hernandez	Smc	Contractor	Fred Yarcho	6/12/2025 7:04	6/12/2025 15:15	8:10	Head Office	Work	signed	signed
Bob	Rosenberger	SMC	Contractor	Fred Yarcho	6/12/2025 6:19	6/12/2025 15:17	8:58	Head Office	Catalsyt Replacement	signed	signed
Joseph	Ruiz	Unique Scaffold	Contractor	Justin Crook	6/6/2025 7:02	6/6/2025 10:26	3:24	Head Office	Work	signed	signed
Esteban	Rosales	Unique	Contractor	Mariposa Control Room	6/6/2025 6:53	6/6/2025 15:11	8:18	Head Office	Work	signed	signed
Thomas	Mccaslin	Unique Scaffold	Contractor	Fred Yarcho	6/6/2025 6:50	6/6/2025 10:12	3:23	Head Office	Work	signed	signed
Nancy-Jeanne	LeFevre	Locus	Contractor	Jason Smith	6/3/2025 13:17	6/3/2025 14:22	1:06	Head Office	GHG Verification	signed	signed
Miranda	Basart	Locus	Contractor	Jason Smith	6/3/2025 13:16	6/3/2025 14:22	1:06	Head Office	GHG Verification	signed	signed
Chris	Bustamante	Unique Scaffold	Contractor	Fred Yarcho	5/30/2025 6:05	5/30/2025 12:21	6:16	Head Office	Work	signed	signed
Gretta		SCR Solutions	Contractor	Fred Yarcho	5/29/2025 14:15	5/29/2025 16:25	2:10	Head Office	Inspection	signed	signed
Holly	Thomas	Veolia	Contractor	Mariposa Control Room	5/28/2025 14:55	5/28/2025 15:30	0:36	Head Office	Site Visit	signed	signed
Jeffrey	Gamble	Unique Scaffold	Contractor	Fred Yarcho	5/27/2025 11:54	5/27/2025 17:38	5:44	Head Office	Work	signed	signed
Brian	Daniels	Power Storage Solutions	Contractor	Fred Yarcho	5/27/2025 10:24	5/27/2025 15:23	4:59	Head Office	Annual Battery/Charger Inspections	signed	signed
Jimmy	Beltran	Unqique	Contractor	Mariposa Control Room	5/27/2025 7:05	5/27/2025 10:29	3:23	Head Office	Erect scaffold	signed	signed
Ignacio	Zambrano	Unique	Contractor	Fred Yarcho	5/27/2025 6:49	5/27/2025 18:52	12:03	Head Office	Work	signed	signed
Ricardo	Acosta	Unique	Contractor	Fred Yarcho	5/27/2025 6:46	5/27/2025 18:52	12:05	Head Office	Work	signed	signed
Jason	Myers	ErthWrks	Contractor	Jason Smith	5/25/2025 9:15	5/25/2025 11:21	2:06	Head Office	Emissions Reading Verification	signed	signed
Alton	Napper Jr.	Precision Ice Blast	Contractor	Jason Smith	5/22/2025 7:10	5/22/2025 23:59	16:49	Head Office	Catalyst Cleaning	signed	signed
Dylan	Nault	Pic	Contractor	Jason Smith	5/22/2025 7:09	5/22/2025 17:59	10:50	Head Office	Catalyst cleaning	signed	signed
Troy	Steimel	PIC	Contractor	Jason Smith	5/22/2025 7:09	5/22/2025 17:57	10:48	Head Office	Catalyst cleaning	signed	signed
James	Cashion	PIC	Contractor	Mariposa Control Room	5/22/2025 6:57	5/22/2025 17:59	11:02	Head Office	Catalyst Cleaning	signed	signed
Matthew	Gaul	Unique Scaffold	Contractor	Justin Crook	5/22/2025 6:05	5/22/2025 23:59	17:53	Head Office	Work	signed	signed
Dugan	Moore	Valley Techlogic Inc	Contractor	Mariposa Control Room	5/16/2025 9:04	5/16/2025 10:11	1:07	Head Office	IT	signed	signed
Nicolas	Banis	Valley TechLogic	Contractor	Mariposa Control Room	5/16/2025 8:53	5/16/2025 10:12	1:18	Head Office	IT	signed	signed
Victor	Munoz	Gates Concrte	Contractor	Fred Yarcho	5/15/2025 6:57	5/15/2025 13:02	6:05	Head Office	Concrete	signed	signed
Hector	Villalobos	Gares Concrete	Contractor	Fred Yarcho	5/15/2025 6:54	5/15/2025 13:02	6:09	Head Office	Concrete	signed	signed
Eduardo	Gonzalez	Gates Concrete	Contractor	Fred Yarcho	5/15/2025 6:51	5/15/2025 11:58	5:07	Head Office	Concrete	signed	signed
Juan	Arvizo	Gates Concrete	Contractor	Fred Yarcho	5/15/2025 6:42	5/15/2025 13:02	6:19	Head Office	Concrete	signed	signed
Abel	Villalobos	GCCI	Contractor	Fred Yarcho	5/13/2025 13:26	5/13/2025 15:22	1:56	Head Office	Concrete	signed	signed
Abel	Rangel	GCCI	Contractor	Fred Yarcho	5/13/2025 13:24	5/13/2025 15:20	1:56	Head Office	Concrete	signed	signed
Jesus	Cuellar	GCCI	Contractor	Fred Yarcho	5/13/2025 13:17	5/13/2025 15:23	2:05	Head Office	Concrete	signed	signed

Marco	Lopez	Epicscapes Llc	Contractor	Jason Smith	5/13/2025 10:26	5/13/2025 13:45	3:19	Head Office	Weed Abatement	signed	signed
Damian	Vazquez	Epicscapes Llc	Contractor	Jason Smith	5/13/2025 10:20	5/13/2025 13:45	3:25	Head Office	Weed Abatement	signed	signed
Nathan	Villalobos	Gates Concrete	Contractor	Fred Yarcho	5/13/2025 7:31	5/13/2025 15:20	7:49	Head Office	Concrete	signed	signed
Luis	Villalobos	Gates	Contractor	Fred Yarcho	5/13/2025 7:28	5/13/2025 15:23	7:55	Head Office	Concrete	signed	signed
Fernando	Gonzalez	Gates	Contractor	Fred Yarcho	5/13/2025 7:21	5/13/2025 15:24	8:03	Head Office	Concrete	signed	signed
Ramon	Villalobos	Gates	Contractor	Fred Yarcho	5/13/2025 7:14	5/13/2025 15:23	8:09	Head Office	Concrete Const	signed	signed
Darren	Souza	Diede Construction	Contractor	Fred Yarcho	5/12/2025 7:23	5/12/2025 12:59	5:36	Head Office	Concrete Construction	signed	signed
Andrade		Unique	Contractor	Fred Yarcho	5/12/2025 6:16	5/12/2025 15:37	9:20	Head Office	Scaffold	signed	signed
John	Villanueva	Unique	Contractor	Fred Yarcho	5/12/2025 6:14	5/12/2025 15:37	9:24	Head Office	Scaffold	signed	signed
Daniel		Unique Scaffold	Contractor	Fred Yarcho	5/12/2025 6:00	5/12/2025 15:36	9:36	Head Office	Scaffold	signed	signed
Pastor		Unique	Contractor	Fred Yarcho	5/12/2025 5:54	5/12/2025 15:37	9:43	Head Office	Scaffold	signed	signed
Antonio		Unique	Contractor	Fred Yarcho	5/12/2025 5:51	5/12/2025 15:37	9:46	Head Office	Scaffold	signed	signed
Jesse	Barrels	Veolia	Contractor	Fred Yarcho	5/8/2025 9:01	5/8/2025 10:19	1:18	Head Office	Service Water Treatment	signed	signed
Richard	Dominguez	Airgas Specialty Products	Contractor	Jason Smith	5/7/2025 8:56	5/7/2025 15:15	6:19	Head Office	Ammonia Tank Valves	signed	signed
Marcus	Jenkins	Airgas	Contractor	Fred Yarcho	5/7/2025 8:56	5/7/2025 17:29	8:33	Head Office	Ammonia tank repair	signed	signed
Ethan	kemalyan	Carbon supply inc	Contractor	Mariposa Control Room	5/7/2025 8:24	5/7/2025 9:56	1:32	Head Office	Carbon change out	signed	signed
Justin	Parker	Carbon Supply Inc	Contractor	Mariposa Control Room	5/7/2025 8:24	5/7/2025 9:56	1:32	Head Office	Carbon change out	signed	signed
Collin	Brooks	Mariposa Energy	Contractor	Mariposa Control Room	5/6/2025 11:44	5/6/2025 16:07	4:24	Head Office	Work	signed	signed
Nathan	Graham	Valley Power Systems	Contractor	Fred Yarcho	5/6/2025 7:49	5/6/2025 11:07	3:19	Head Office	Service Fire Pump	signed	signed
Dino		Associated Compressor	Contractor	Fred Yarcho	5/5/2025 9:36	5/5/2025 16:26	6:50	Head Office	Service Compressor	signed	signed
Arvisgraham		Impress	Contractor	Mariposa Control Room	5/5/2025 8:05	5/5/2025 15:54	7:49	Head Office	General clean up	signed	signed
Jonathan	Rios	Impress	Contractor	Jason Smith	5/5/2025 7:37	5/5/2025 15:53	8:17	Head Office	General Clean Up	signed	signed
Dino	Navarrette	Associated Compressor	Contractor	Fred Yarcho	4/28/2025 9:49	4/28/2025 11:18	1:29	Head Office	Inspect Comp For Leaks	signed	signed
Humberto	Martinez	Airgas	Contractor	Fred Yarcho	4/25/2025 5:46	4/25/2025 6:57	1:12	Head Office	Ammonia Delivery	signed	signed
Colton	Martin	RMS	Contractor	Fred Yarcho	4/23/2025 8:33	4/23/2025 14:06	5:33	Head Office	Service	signed	signed
Annastatia	Hemsley	Mariposa	Contractor	Mariposa Control Room	4/18/2025 9:42	4/18/2025 14:24	4:42	Head Office	Admin	signed	signed
James	Brown	RMS	Contractor	Fred Yarcho	4/18/2025 7:07	4/18/2025 10:32	3:25	Head Office	Weld Valve And Couplers	signed	signed
David	Cordova	Killroy Pest Control	Contractor	Kitty Duer	4/14/2025 10:49	4/14/2025 11:19	0:30	Head Office	Service	signed	signed
Gary	Hatton	Hatton Crane	Contractor	Fred Yarcho	4/14/2025 8:04	4/14/2025 23:59	15:55	Head Office	Crane Lift	signed	signed
Anthony	Zendejas	Hach	Contractor	Fred Yarcho	4/11/2025 9:29	4/11/2025 23:59	14:30	Head Office	Service	signed	signed
Travis	Taylor	SMC	Contractor	Fred Yarcho	4/11/2025 9:25	4/11/2025 23:59	14:33	Head Office	Welding	signed	signed
Eliseo	Avila	Smc	Contractor	Fred Yarcho	4/11/2025 9:14	4/11/2025 23:59	14:45	Head Office	Welding	signed	signed
Raul	Moreno	Montrose	Contractor	Jason Smith	4/10/2025 7:40	4/10/2025 9:34	1:54	Head Office	Unit 800 Fuel Samples	signed	signed
Christopher	Coelho	BAAQMD	Contractor	Jason Smith	4/9/2025 9:58	4/9/2025 11:57	1:59	Head Office	Site Inspection	signed	signed
Dustin	Terry	Smc	Contractor	Fred Yarcho	4/8/2025 10:04	4/8/2025 10:59	0:55	Head Office	Job Walk	signed	signed
Nathan Van	Deventer	Flat Out Recovery	Contractor	Fred Yarcho	4/3/2025 8:07	4/3/2025 12:05	3:58	Head Office	Work	signed	signed
James		RMS	Contractor	Fred Yarcho	3/31/2025 9:03	3/31/2025 13:35	4:33	Head Office	Service	signed	signed
Joshua	Jackson	REFRIGERATED MECHANICAL SOLUTIONS	Contractor	Fred Yarcho	3/27/2025 7:32	3/27/2025 12:11	4:39	Head Office	Service	signed	signed
Marc	Ziegler	Hach	Contractor	Fred Yarcho	3/26/2025 11:23	3/26/2025 16:31	5:08	Head Office	Equipment Maintenance	signed	signed
Lance	cowen	Corrosion Integrity	Contractor	Fred Yarcho	3/11/2025 10:58	3/11/2025 14:18	3:20	Head Office	Cp Test	signed	signed
Kirk	Middleton	Corrosion Integrity	Contractor	Fred Yarcho	3/11/2025 10:54	3/11/2025 14:18	3:24	Head Office	Cp Tesr	signed	signed
Sherry	Crommie	Tgs Backflow	Contractor	Fred Yarcho	3/11/2025 5:07	3/11/2025 5:46	0:39	Head Office	To Test Backflows	signed	signed
Brian	Turner	Sdmyers	Contractor	Fred Yarcho	3/3/2025 7:48	3/3/2025 10:11	2:23	Head Office	Gsu Oil Samples	signed	signed
Leo	Castellblanch	BAAQMD	Contractor	Jason Smith	2/27/2025 10:32	2/27/2025 13:43	3:10	Head Office	Observe Stack Testing	signed	signed
Andrew	Kobayashi	BAAQMD	Contractor	Jason Smith	2/27/2025 10:32	2/27/2025 13:43	3:11	Head Office	Observe Stack Testing	signed	signed
Anabel	Salazar	BAAQMD	Contractor	Jason Smith	2/27/2025 10:31	2/27/2025 13:43	3:12	Head Office	Observe Stack Testing	signed	signed
Lily	Law	BAAQMD	Contractor	Jason Smith	2/27/2025 10:31	2/27/2025 13:43	3:12	Head Office	Observe Stack Testing	signed	signed
Christian	Kizer	Martech	Contractor	Fred Yarcho	2/26/2025 8:35	2/26/2025 23:59	15:23	Head Office	Work	signed	signed
Joshua	Weller	Mar-Tech	Contractor	Fred Yarcho	2/26/2025 8:23	2/26/2025 23:59	15:35	Head Office	Work	signed	signed
Esha	Chetty	Montrose	Contractor	Jason Smith	2/24/2025 9:46	2/24/2025 16:36	6:50	Head Office	Stack Testing	signed	signed
Edward	Febre	EDC	Contractor	Fred Yarcho	2/24/2025 8:48	2/24/2025 15:18	6:29	Head Office	Sampling	signed	signed
Paul	Ortiz	Rms	Contractor	Fred Yarcho	2/24/2025 8:20	2/24/2025 14:25	6:05	Head Office	Service	signed	signed
Michael	Phelan	RTS	Contractor	Fred Yarcho	2/24/2025 7:57	2/24/2025 11:42	3:45	Head Office	IR Survey And Natural Gas Leak Detection	signed	signed
Michael	Miller		Contractor	Mariposa Control Room	2/19/2025 19:03	2/19/2025 20:40	1:37	Head Office	Cems	signed	signed
Russell	Trutane	Montrose	Contractor	Mariposa Control Room	2/19/2025 7:22	2/19/2025 15:46	8:24	Head Office	Stack Testing	signed	signed
Jose	zermeno	Bayside	Contractor	Fred Yarcho	2/18/2025 9:29	2/18/2025 9:56	0:27	Head Office	Work	signed	signed
Nestor	Gonzalez	Montrose	Contractor	Mariposa Control Room	2/18/2025 8:47	2/18/2025 15:25	6:37	Head Office	Stack Testing	signed	signed
Russell	Trutane	Montrose	Contractor	Mariposa Control Room	2/18/2025 8:46	2/18/2025 17:00	8:14	Head Office	Stack Testing	signed	signed
Edgar	Garcia	Montrose	Contractor	Mariposa Control Room	2/18/2025 8:45	2/18/2025 17:00	8:15	Head Office	Stack Testing	signed	signed
Daniel	Haas	Montrose	Contractor	Jason Smith	2/18/2025 8:42	2/18/2025 17:00	8:18	Head Office	Source Testing	signed	signed
Christopher	Wymore	Montrose	Contractor	Mariposa Control Room	2/18/2025 8:39	2/18/2025 17:05	8:26	Head Office	Stack Testing	signed	signed
Ed.	Rouse	Dillard	Contractor	Fred Yarcho	2/17/2025 7:52	2/17/2025 9:20	1:28	Head Office	Suck Out Tanks	signed	signed
John	Soto	Integrity Scaffold	Contractor	Fred Yarcho	2/14/2025 10:53	2/14/2025 11:53	0:59	Head Office	Audit Crew	signed	signed
Steven		Emerson	Contractor	Fred Yarcho	2/14/2025 8:27	2/14/2025 9:51	1:24	Head Office	Calibration	signed	signed
Pat	Mayo	PSS	Contractor	Fred Yarcho	2/13/2025 8:00	2/13/2025 15:32	7:32	Head Office	Battery Maint	signed	signed
Richard	Cuellar	Smc	Contractor	Mariposa Control Room	2/12/2025 7:33	2/12/2025 18:02	10:30	Head Office	Repairs	signed	signed
Sergio		Smc	Contractor	Mariposa Control Room	2/12/2025 7:27	2/12/2025 18:02	10:35	Head Office	Exhaust Repairs	signed	signed

chet	statt	ethos	Contractor	Fred Yarcho	2/12/2025 6:36	2/12/2025 8:53	2:18	Head Office	work	signed	signed
Kenny	Markham	Ethos Energy	Contractor	Fred Yarcho	2/12/2025 6:24	2/12/2025 8:54	2:30	Head Office	Work	signed	signed
Nicholas	Bravo	Mathews Mech	Contractor	Fred Yarcho	2/11/2025 13:33	2/11/2025 14:17	0:44	Head Office	Work	signed	signed
Sam	Hobson	RTSI	Contractor	Fred Yarcho	2/11/2025 12:47	2/11/2025 17:02	4:15	Head Office	Offline Motor Testing	signed	signed
Bernard	Pastorik	DGC Engr	Contractor	Justin Crook	2/11/2025 12:02	2/11/2025 14:38	2:35	Head Office	Outage	signed	signed
Bill	Gretta	SCR Solutions	Contractor	Justin Crook	2/11/2025 8:01	2/11/2025 16:45	8:44	Head Office	Inspection	signed	signed
Nicolas	alvarez	Orr protection	Contractor	Fred Yarcho	2/11/2025 6:41	2/11/2025 9:34	2:53	Head Office	Fire Alarm inspection	signed	signed
chet	statt	ethos	Contractor	Fred Yarcho	2/11/2025 6:39	2/11/2025 15:08	8:29	Head Office	work	signed	signed
Daniel	markham	Ethos	Contractor	Fred Yarcho	2/11/2025 6:39	2/11/2025 15:09	8:30	Head Office	Work	signed	signed
Santiago	gutierrez	Ethos	Contractor	Fred Yarcho	2/11/2025 6:38	2/11/2025 15:09	8:30	Head Office	Work	signed	signed
Kenny	Markham	Ethos Energy	Contractor	Fred Yarcho	2/11/2025 6:26	2/11/2025 15:11	8:45	Head Office	Work	signed	signed
Josh	Zimmer	DgcOps	Contractor	Jason Smith	2/10/2025 12:09	2/10/2025 16:30	4:21	Head Office	Outage	signed	signed
Juana	Gonzales	Veolia	Contractor	Fred Yarcho	2/10/2025 11:13	2/10/2025 12:15	1:02	Head Office	Water Treatment Service	signed	signed
Annai	Cuvelier	Veolia	Contractor	Fred Yarcho	2/10/2025 11:07	2/10/2025 12:16	1:09	Head Office	Water Service Visit	signed	signed
Ben	Rodriguez	Uss	Contractor	Mariposa Control Room	2/10/2025 10:29	2/10/2025 11:04	0:35	Head Office	Pump Out Sewer Tanks	signed	signed
Sebastian	Soto	Integrity Scaffold	Contractor	Fred Yarcho	2/10/2025 7:23	2/10/2025 13:42	6:19	Head Office	Work	signed	signed
chet	statt	ethos energy	Contractor	Fred Yarcho	2/10/2025 7:18	2/10/2025 8:20	1:02	Head Office	compressor work	signed	signed
Kenny	Markham	Ethos Energy	Contractor	Fred Yarcho	2/10/2025 7:17	2/10/2025 15:16	8:00	Head Office	Work	signed	signed
Daniel	markham	Ethos energy	Contractor	Fred Yarcho	2/10/2025 7:16	2/10/2025 15:16	8:00	Head Office	Work	signed	signed
Apollo	ramirez	Ethos	Contractor	Fred Yarcho	2/10/2025 7:15	2/10/2025 15:36	8:21	Head Office	Work	signed	signed
Santiago		Ethos	Contractor	Fred Yarcho	2/10/2025 7:12	2/10/2025 15:19	8:07	Head Office	Work	signed	signed
Nicolas	Alvarez	Orr Protecton	Contractor	Fred Yarcho	2/10/2025 6:51	2/10/2025 13:58	7:07	Head Office	Fire Suppersion Inspections	signed	signed
Roy	Johnson	Fieldcore	Contractor	Mariposa Control Room	2/10/2025 6:40	2/10/2025 16:10	9:30	Head Office	Turbine	signed	signed
Vinnie	Colombo	Mathews Mechanical	Contractor	Fred Yarcho	2/8/2025 10:43	2/8/2025 16:44	6:01	Head Office	Shutdown Support	signed	signed
Alexandra	Palma	Woodward	Contractor	Fred Yarcho	2/8/2025 10:18	2/8/2025 19:26	9:08	Head Office	Field Service	signed	signed
Michael	Hoge	Theorycraft Networks	Contractor	Fred Yarcho	2/8/2025 10:07	2/8/2025 23:59	13:51	Head Office	Annual CEMs	signed	signed
William	Damgaard	Theorycraft Networks LLC	Contractor	Fred Yarcho	2/8/2025 10:01	2/8/2025 23:59	13:57	Head Office	Annual CEMs Maintenance	signed	signed
Osiel	Acosta	Mathews Mechanical	Contractor	Justin Crook	2/8/2025 7:23	2/8/2025 16:34	9:11	Head Office	Shutdown	signed	signed
Timothy	Meeker	EMC	Contractor	Fred Yarcho	2/8/2025 7:07	2/8/2025 15:28	8:21	Head Office	Generator Inspection & Testing	signed	signed
Miguel	Navarrete	Mathews Mechanical	Contractor	Justin Crook	2/8/2025 7:03	2/8/2025 16:44	9:41	Head Office	Repair	signed	signed
Keith	Power	EMC	Contractor	Fred Yarcho	2/8/2025 6:57	2/8/2025 15:28	8:31	Head Office	Generator Inspiction	signed	signed
John	Demers	Mathews Mechanical	Contractor	Fred Yarcho	2/7/2025 12:48	2/7/2025 14:51	2:03	Head Office	Repair	signed	signed
Aaron	Stone	NorCal Power Services	Contractor	Fred Yarcho	2/7/2025 7:23	2/7/2025 13:21	5:58	Head Office	Breaker Testing	signed	signed
Jorge	Rodriguez	Mathews Mechanical	Contractor	Fred Yarcho	2/7/2025 6:58	2/7/2025 14:38	7:40	Head Office	Shutdown	signed	signed
Casey	Luton	Orr Protection	Contractor	Jason Smith	2/7/2025 6:57	2/7/2025 14:07	7:10	Head Office	Fire suppression inspection	signed	signed
Derek	Santos	ORR	Contractor	Jason Smith	2/7/2025 6:50	2/7/2025 14:07	7:17	Head Office	Fls	signed	signed
Patrick	Heilman	Ge Vernova	Contractor	Fred Yarcho	2/7/2025 6:43	2/7/2025 16:52	10:09	Head Office	Unit 6	signed	signed
Randall	Mcmahon	Mathews Mech	Contractor	Fred Yarcho	2/6/2025 12:32	2/6/2025 15:31	2:59	Head Office	Filter Men	signed	signed
Jerry	Hoxie	Associated Compressor	Contractor	Kitty Duer	2/6/2025 9:26	2/6/2025 14:36	5:10	Head Office	Compressor Start Up	signed	signed
Jason	Smith	DGC	Contractor	Jason Smith	2/6/2025 8:34	2/6/2025 8:36	0:02	Head Office	Test	signed	signed
Humberto	Martinez	Airgas	Contractor	Fred Yarcho	2/6/2025 8:06	2/6/2025 9:34	1:28	Head Office	Ammonia Delivery	signed	signed
John	Soto	Integrity Scaffold	Contractor	Fred Yarcho	2/6/2025 7:15	2/6/2025 12:31	5:16	Head Office	Maintenance Work	signed	signed
Roy	Johnson	GE	Contractor	Mariposa Control Room	2/6/2025 7:04	2/6/2025 16:39	9:35	Head Office	Turbine Work	signed	signed
Wilfredo	cordero	Intregity scaffold	Contractor	Fred Yarcho	2/6/2025 7:01	2/6/2025 15:19	8:19	Head Office	Work	signed	signed
Clinton	strube	GE vernova	Contractor	Fred Yarcho	2/6/2025 6:58	2/6/2025 16:57	9:59	Head Office	Engine package maint.	signed	signed
Patrick	Heilman	GE Vernova	Contractor	Fred Yarcho	2/6/2025 6:56	2/6/2025 16:42	9:45	Head Office	Turbine work	signed	signed
Ricky	Molina	Bcm	Contractor	Fred Yarcho	2/5/2025 6:20	2/5/2025 14:41	8:21	Head Office	Compressor	signed	signed
Kenneth	Robinson	Bcm	Contractor	Fred Yarcho	2/5/2025 6:17	2/5/2025 14:41	8:24	Head Office	Compressor Install	signed	signed
Robert	Robinson	Bcm	Contractor	Fred Yarcho	2/5/2025 6:13	2/5/2025 13:28	7:15	Head Office	Compressor	signed	signed
Roman	Morales	Bcm	Contractor	Fred Yarcho	2/5/2025 6:09	2/5/2025 14:41	8:32	Head Office	Compressor	signed	signed
Matthew	Knezovich	Rms	Contractor	Mariposa Control Room	1/30/2025 8:05	1/30/2025 23:59	15:53	Head Office	Welding	signed	signed

Exhibit 11

Monthly Safety Inspections

Log Detail Report

Entry ID:	54141	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Kitty Duer - 12/10/25 12:58
Crew:	NA	**Mod By/Date:**	Kitty Duer - 12/10/25 13:00
Shift:	NA		
Log Date:	12/10/25 12:58		

Comments: Completed an Workplace safety inspection of warehouse

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Noise	SAT
Sanitation	SAT
Stacking and Storage	SAT
Chemicals and Fuels	SAT
First Aid Kits	SAT
Communication systems working properly (Phone, radios, etc.)	SAT

Acknowledgements

Fred Yarcho assigned acknowledgements on **12/10/25 13:00**

Fred Yarcho 12/11/25 04:36

Entry ID:	53966	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Abel Chagoya - 12/05/25 00:46
Crew:	NA	**Mod By/Date:**	Abel Chagoya - 12/05/25 00:56
Shift:	NA		
Log Date:	12/05/25 00:46		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Abel Chagoya	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	

Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments		No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **12/05/25 00:56**

Fred Yarcho 12/05/25 04:42

Entry ID:	53938	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Rodney Fitch - 12/03/25 15:36
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 12/03/25 15:39
Shift:	NA		
Log Date:	12/03/25 15:36		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Rodney Fitch	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	

Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	PCV FG-0005 OFFSITE FOR REPAIRS, BACK ON 12/4/25.
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **12/03/25 15:39**

Fred Yarcho	12/04/25 04:51

Entry ID:	53199	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Randall Armenta - 11/03/25 19:31
Crew:	NA	**Mod By/Date:**	Randall Armenta - 11/03/25 19:34
Shift:	NA		
Log Date:	11/03/25 19:31		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Randall Armenta	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	NA	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	

Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **11/03/25 19:34**

Fred Yarcho 11/04/25 04:18

Entry ID: 53193
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 11/03/25 16:25

Location: Mariposa
Created By/Date: Jeremy Jones - 11/03/25 16:25
Mod By/Date: Jeremy Jones - 11/03/25 16:49

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Jeremy Jones	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	

Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	Load of inlet filters arrived today. The warehouse is full, and the filters will have to be moved under PCMs.
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	New pre-check card was added to forklift for daily use.
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	Oil residue in U800 water injection pump sump was removed and disposed of.
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	

Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	Safety inspection was conducted plantwide, while performing monthly PMs and daily rounds. Picked up some wind-blown trash and cleaned some dirty areas with rags.

Acknowledgements

Fred Yarcho assigned acknowledgements on **11/03/25 16:49**

Fred Yarcho 11/04/25 04:18

Entry ID: 53010
Location: Mariposa
Log: 2504.01 Monthly Workplace Safety Inspection
Created By/Date: Kitty Duer - 10/27/25 15:08
Crew: NA
Mod By/Date: Kitty Duer - 10/27/25 15:12
Shift: NA
Log Date: 10/27/25 15:08

Comments: Safety Inspection was completed in Warehouse

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Noise	SAT
Ventilation	SAT
Stacking and Storage	SAT
Signs/Posters	SAT
First Aid Kits	SAT

Acknowledgements

Fred Yarcho assigned acknowledgements on **10/27/25 15:12**

Fred Yarcho 10/28/25 04:52

Entry ID: 51439
Location: Mariposa
Log: 2504.01 Monthly Workplace Safety Inspection
Created By/Date: Abel Chagoya - 10/02/25 11:35
Crew: NA
Mod By/Date: Abel Chagoya - 10/02/25 11:38
Shift: NA
Log Date: 10/02/25 11:35

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Abel Chagoya	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	

Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **10/02/25 11:38**

Fred Yarcho 10/03/25 05:32

Entry ID:	51192	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Kitty Duer - 09/23/25 10:30
Crew:	NA	**Mod By/Date:**	Kitty Duer - 09/23/25 10:37
Shift:	NA		
Log Date:	09/23/25 10:30		

Comments: Inspected warehouse for Safety issues.

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Noise	SAT
Stacking and Storage	SAT
Signs/Posters	SAT
First Aid Kits	SAT
Communication systems working properly (Phone, radios, etc.)	SAT

Acknowledgements

Fred Yarcho assigned acknowledgements on **09/23/25 10:37**

Fred Yarcho 09/26/25 05:57

Entry ID: 50652
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 09/03/25 14:23
Location: Mariposa
Created By/Date: Abel Chagoya - 09/03/25 14:23
Mod By/Date: Abel Chagoya - 09/03/25 14:26

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by: Abel Chagoya
Inspection completed on: 02/02/24 09:19
Inspection Type General

Instructions For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	

Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **09/03/25 14:26**

Fred Yarcho	09/04/25 04:36

Entry ID:	50034	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Kitty Duer - 08/20/25 13:39
Crew:	NA	**Mod By/Date:**	Kitty Duer - 08/20/25 13:41
Shift:	NA		
Log Date:	08/20/25 13:39		

Comments: Completed a Safety Inspection of warehouse area

Monthly Workplace Safety Inspection - Header

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Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Ladders	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Stacking and Storage	SAT
First Aid Kits	SAT
Fire Extinguishers/Equipment	SAT

Acknowledgements

Fred Yarcho assigned acknowledgements on **08/20/25 13:41**

Fred Yarcho 08/22/25 18:22

Entry ID:	49586	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Abel Chagoya - 08/04/25 01:59
Crew:	NA	**Mod By/Date:**	Abel Chagoya - 08/04/25 02:04
Shift:	NA		
Log Date:	08/04/25 01:59		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Abel Chagoya	Inspection completed on:	02/02/24 09:19	Inspection Type	General		

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	

Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	SAT	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **08/04/25 02:04**

Fred Yarcho 08/05/25 05:10

Entry ID:	49181	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Kitty Duer - 07/16/25 12:03
Crew:	NA	**Mod By/Date:**	Kitty Duer - 07/16/25 12:06
Shift:	NA		
Log Date:	07/16/25 12:03		

Comments: Completed targeted Safety Inspection in warehouse

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Stacking and Storage	SAT
First Aid Kits	SAT

Acknowledgements

Fred Yarcho assigned acknowledgements on **07/16/25 12:06**

Fred Yarcho 07/17/25 04:55

Entry ID:	48898	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Rodney Fitch - 07/08/25 10:45
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 07/08/25 10:48
Shift:	NA		
Log Date:	07/08/25 10:45		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Rodney Fitch	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	

Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **07/08/25 10:48**

Fred Yarcho 07/09/25 04:39

Entry ID: 48446
Location: Mariposa
Log: 2504.01 Monthly Workplace Safety Inspection
Created By/Date: Kitty Duer - 06/23/25 13:57
Crew: NA
Mod By/Date: Kitty Duer - 06/23/25 14:00
Shift: NA
Log Date: 06/23/25 13:57

Comments: Completed Workplace Safety Inspection of Warehouse

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Lighting	SAT	
Stacking and Storage	SAT	
Signs/Posters	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **06/23/25 14:00**

Fred Yarcho 06/24/25 05:20

Entry ID: 48256
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 06/17/25 17:02
Location: Mariposa
Created By/Date: Cameron Nagle - 06/17/25 17:02
Mod By/Date: Cameron Nagle - 06/17/25 17:03

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Cameron Nagle	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	

Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **06/17/25 17:03**

Fred Yarcho	06/18/25 06:12

Entry ID:	47653	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Kitty Duer - 05/28/25 08:52
Crew:	NA	**Mod By/Date:**	Kitty Duer - 05/28/25 08:55
Shift:	NA		
Log Date:	05/28/25 08:52		

Comments: Completed targeted Safety Inspections - Warehouse

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Noise	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Signs/Posters	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **05/28/25 08:55**

Fred Yarcho 05/29/25 05:15

Entry ID:	47178	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Cameron Nagle - 05/11/25 09:45
Crew:	NA	**Mod By/Date:**	Cameron Nagle - 05/11/25 09:47
Shift:	NA		
Log Date:	05/11/25 09:45		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Cameron Nagle	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	NA	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	

Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Acknowledgements

Fred Yarcho assigned acknowledgements on **05/11/25 09:47**

Fred Yarcho	05/12/25 04:30

Entry ID:	46605	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Kitty Duer - 04/30/25 14:04
Crew:	NA	**Mod By/Date:**	Kitty Duer - 04/30/25 14:07
Shift:	NA		
Log Date:	04/30/25 14:04		

Comments: Inspected warehouse area

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Ladders	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Lighting	SAT
Stacking and Storage	SAT
Chemicals and Fuels	SAT
First Aid Kits	SAT
Fire Extinguishers/Equipment	SAT
Machine Guarding	SAT

Acknowledgements

Fred Yarcho assigned acknowledgements on **04/30/25 14:07**

Fred Yarcho 05/01/25 04:32

Entry ID: 45938
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 04/09/25 06:25
Location: Mariposa
Created By/Date: Abel Chagoya - 04/09/25 06:25
Mod By/Date: Abel Chagoya - 04/09/25 06:30

Monthly Workplace Safety Inspection - Header

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Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by: Abel Chagoya
Inspection completed on: 02/02/24 09:19
Inspection Type General

Instructions For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	picked up trash plant wide
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	

Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	NA	no open confined space permits at this time
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Entry ID: 45644
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 03/27/25 14:34

Location: Mariposa
Created By/Date: Kitty Duer - 03/27/25 14:34
Mod By/Date: Kitty Duer - 03/27/25 14:38

Comments: Inspected Warehouse area.

Monthly Workplace Safety Inspection - Header

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Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Ladders	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Lighting	SAT
Stacking and Storage	SAT
Signs/Posters	SAT

Entry ID: 44972
Location: Mariposa
Log: 2504.01 Monthly Workplace Safety Inspection
Created By/Date: Kitty Duer - 03/05/25 14:36
Crew: NA
Mod By/Date: Kitty Duer - 03/05/25 14:39
Shift: NA
Log Date: 03/05/25 14:36

Comments: Inspected the warehouse

Monthly Workplace Safety Inspection - Header

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Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Kitty Duer	Inspection completed on:	02/02/24 09:19	Inspection Type	Targeted	Targeted Area:	Warehouse

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT
Passageways/Surfaces	SAT
Ladders	SAT
Stairs/Exists	SAT
Housekeeping	SAT
Lighting	SAT
Noise	SAT
Sanitation	SAT
Ventilation	SAT
Stacking and Storage	SAT
Chemicals and Fuels	SAT
Signs/Posters	SAT
First Aid Kits	SAT
Fire Extinguishers/Equipment	SAT

Entry ID: 44963
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 03/05/25 08:34
Location: Mariposa
Created By/Date: Randall Armenta - 03/05/25 08:34
Mod By/Date: Randall Armenta - 03/05/25 08:52

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Randall Armenta	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	

Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	SAT	No Additional Comments

Entry ID:	44169	**Location:**	Mariposa
Log:	2504.01 Monthly Workplace Safety Inspection	**Created By/Date:**	Rodney Fitch - 02/12/25 10:43
Crew:	NA	**Mod By/Date:**	Rodney Fitch - 02/12/25 10:45
Shift:	NA		
Log Date:	02/12/25 10:43		

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Rodney Fitch	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	
Stacking and Storage	SAT	
Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	SAT	
Communication	SAT	
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	

Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Entry ID: 43169
Log: 2504.01 Monthly Workplace Safety Inspection
Crew: NA
Shift: NA
Log Date: 01/09/25 08:46
Location: Mariposa
Created By/Date: Randall Armenta - 01/09/25 08:46
Mod By/Date: Randall Armenta - 01/09/25 10:12

Monthly Workplace Safety Inspection - Header

.

Monthly Workplace Safety Inspection

Rev: 2 Rev Date:2/2/2024 Safety Inspections, Surveys and Audits 2504.01-MEP-TOL

Inspection Completed by:	Randall Armenta	Inspection completed on:	02/02/24 09:19	Inspection Type	General

Instructions

For the area designated for inspection complete this entire form using the definitions below. Perform an extensive inspection of the area with a focus on each area listed below.

SAT - Equipment is in good condition with no WO's required.
UNSAT - Equipment has an issue.
N/A - Does not apply for this area.

*NOTE: Any area noted as N/A or UNSAT must be accompanied by a note and/or a WO number.

Monthly Workplace Safety Inspection - Checklist

Site Conditions	SAT/UNSAT	Notes/Comment
Passageways/Surfaces	SAT	
Platform/Scaffolding	SAT	
Ladders	SAT	
Stairs/Exists	SAT	
Housekeeping	SAT	
Roadways	SAT	
Lighting	SAT	ICE Tech working on lighting.
Noise	SAT	
Sanitation	SAT	
Ventilation	SAT	RMS troubleshooting server room A/C.
Stacking and Storage	SAT	

Chemicals and Fuels	SAT	
Compressed Gases	SAT	
Hazardous Waste	SAT	
Hazardous Materials Container Labeling	SAT	
Lock Out Tag Out	SAT	
Signs/Posters	SAT	
Safe Work Permits	SAT	
Confined Space Permits	SAT	
SDS Book	NA	
Communication	SAT	CR phone ring issue resolved.
Emergency Response Plan	SAT	
Eye Wash and Showers	SAT	
First Aid Kits	SAT	
Fire Extinguishers/Equipment	SAT	
Safety Harnesses	SAT	
Eye Protection	SAT	
Hearing Protection	SAT	
Respirator Protection	SAT	
Head Protection	SAT	
Protective Clothing	SAT	
Portable Tools	SAT	
Machine Guarding	SAT	
Pressure Vessels/Lines	SAT	
Forklift	SAT	
Electrical	SAT	
Valves and Controls	SAT	
Oil Leaks Noted	SAT	
Company Transportation	SAT	
Camera system working properly	SAT	
Gates working properly	SAT	
Procedures for recognizing and reporting incidents in place	SAT	
Communication systems working properly (Phone, radios, etc.)	SAT	
Escape routes posted	SAT	
Additional Comments	NA	No Additional Comments

Exhibit 12

Regulatory On-site Inspections

Log Detail Report

Entry ID:	44787	**Location:**	Mariposa -> Documentation
Log:	5402.01 Agency Inspection	**Created By/Date:**	Jason Smith - 02/27/25 14:44
Crew:	Automated Entry	**Mod By/Date:**	Jason Smith - 02/27/25 14:44
Shift:	Automated Entry		
Log Date:	02/27/25 14:31		

5402.01 AGENCY INSPECTION

IMPORTED: AGENCY INSPECTION / VISIT

HEADER

Site Regulatory Agency Inspection Report

MARIPOSA ENERGY PROJECT Rev: 0 Date: 12/01/16 Outside Agency Site Visit Protocol 5402.01-MEP-TOL

INSPECTION LOCATION	Mariposa Energy Project				
PRIMARY AGENCY	⚠ BAAQMD - BAY AREA AIR QUALITY MANAGEMENT				
DATE AND TIME	02/27/25 10:30	INSPECTION TYPE	SCHEDULED	FACILITY REPRESENTATIVE INVOLVED AND ADDITIONAL PERSONNEL	Jason Smith

NOTES

AGENCY INSPECTION NOTES

PLANT AREAS INSPECTED LIST ALL AREAS THE INSPECTOR VISITED	GAS TURBINE 600	DOCUMENTATION REVIEW LIST ALL DOCUMENTATION THE INSPECTOR REVIEWED	BAAQMD on-site to observe Montrose conducting RATA / Source testing.
WERE PHOTOGRAPHS TAKEN	NO		
WERE SAMPLES TAKEN?	NO		

ADDITIONAL NOTES	BAAQMD on-site during Unit 600 PM testing. Following the test, BAAQMD reviewed the data sheet from Montrose and the data from Mariposa's DAHS provided to Montrose
FUTURE ACTION ITEMS	None
DISCREPANCIES, VIOLATIONS, OR OTHER ITEMS NOTED DURING THE INSPECTION	None

ESCORT

ESCORT THE AGENCY PERSONNEL OFFSITE AND RECORD THE DEPARTURE TIME

Log Detail Report

Entry ID:	45961	**Location:**	Mariposa -> Documentation
Log:	5402.01 Agency Inspection	**Created By/Date:**	Jason Smith - 04/09/25 14:15
Crew:	NA	**Mod By/Date:**	Jason Smith - 04/09/25 14:15
Shift:	NA		
Log Date:	04/09/25 14:02		

5402.01 AGENCY INSPECTION

Comments: BAAQMD inspectors Anabel Salazar and Chris Coelho on-site for scheduled annual inspection. Coury McKinlay from DGC on -site as well.

IMPORTED: AGENCY INSPECTION / VISIT

HEADER

Site Regulatory Agency Inspection Report

MARIPOSA ENERGY PROJECT Rev: 0 Date: 12/01/16 Outside Agency Site Visit Protocol 5402.01-MEP-TOL

INSPECTION LOCATION	Mariposa Energy Project				
PRIMARY AGENCY	⚠ BAAQMD - BAY AREA AIR QUALITY MANAGEMENT				
DATE AND TIME	04/09/25 10:00	INSPECTION TYPE	SCHEDULED	FACILITY REPRESENTATIVE INVOLVED AND ADDITIONAL PERSONNEL	Jason Smith

NOTES

AGENCY INSPECTION NOTES

PLANT AREAS INSPECTED LIST ALL AREAS THE INSPECTOR VISITED	FIRE PUMP BUILDING, GAS TURBINE 600, GAS TURBINE 700, GAS TURBINE 800, GAS TURBINE 900	DOCUMENTATION REVIEW LIST ALL DOCUMENTATION THE INSPECTOR REVIEWED	Reviewed quarterly operations reports. Reviewed maintenance logbooks in each of the CEMS shacks.
WERE PHOTOGRAPHS TAKEN	NO		
WERE SAMPLES TAKEN?	NO		

ADDITIONAL NOTES	Inspectors checked calibration gas bottles at Units 600-900 by scanning QR on bottle to check expiration date.
FUTURE ACTION ITEMS	Requested summary pages from 2024 RATA/Source testing results. NOx/CO low bottle at Unit 600 was faded and could not be scanned, requested copy of cert for that bottle.
DISCREPANCIES, VIOLATIONS, OR OTHER ITEMS NOTED DURING THE INSPECTION	None. Inspectors left site at 12:02

ESCORT

ESCORT THE AGENCY PERSONNEL OFFSITE AND RECORD THE DEPARTURE TIME

Log Detail Report

Entry ID:	48251	**Location:**	Mariposa -> Documentation
Log:	5402.01 Agency Inspection	**Created By/Date:**	Jason Smith - 06/17/25 13:24
Crew:	NA	**Mod By/Date:**	Jason Smith - 06/17/25 13:24
Shift:	NA		
Log Date:	06/17/25 13:17		

5402.01 AGENCY INSPECTION

IMPORTED: AGENCY INSPECTION / VISIT

HEADER

Site Regulatory Agency Inspection Report

MARIPOSA ENERGY PROJECT Rev: 0 Date: 12/01/16 Outside Agency Site Visit Protocol 5402.01-MEP-TOL

INSPECTION LOCATION	Mariposa Energy Project				
DATE AND TIME	06/17/25 10:00	INSPECTION TYPE	SCHEDULED	FACILITY REPRESENTATIVE INVOLVED AND ADDITIONAL PERSONNEL	Jason Smith

NOTES

AGENCY INSPECTION NOTES

DOCUMENTATION REVIEW LIST ALL DOCUMENTATION THE INSPECTOR REVIEWED	Waste tire license and tire disposal documentation.	WERE PHOTOGRAPHS TAKEN	NO
WERE SAMPLES TAKEN?	NO		
ADDITIONAL NOTES	Devin from Alameda County Healthcare Services Agency was on-site for a waste tire inspection. He verified the license and reviewed waste tire disposal documentation from 2022 and 2025. A report of the visit will be sent to Jason Smith.		
FUTURE ACTION ITEMS	No action items.		
DISCREPANCIES, VIOLATIONS, OR OTHER ITEMS NOTED DURING THE INSPECTION	None		

ESCORT

ESCORT THE AGENCY PERSONNEL OFFSITE AND RECORD THE DEPARTURE TIME

Exhibit 13

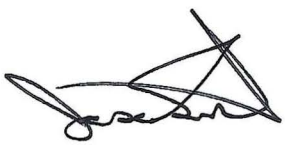
Major Permits Approved Or Submitted During Reporting Period

Mariposa Energy 2025

Major Permits Approved Or Submitted

January 7, 2026

Mariposa Energy, LLC (09-AFC-3C) did revise (update) one major permit during the 2025 calendar year (January 01 - December 31). An application was submitted on 6/24/2025 to the BAAQMD to replace the CO and SCR catalysts on Unit 900. The Permit-To-Operate was approved on 7/28/2025 under the accelerated permitting process. A copy of the approval letter is attached.



Jason Smith
EH&S Coordinator
Mariposa Energy, LLC
4887 Bruns Rd
Byron, CA 94514
925-666-5409
j.smith@dgc-ops.com

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

July 28, 2025

Mariposa Energy, LLC
4887 Bruns Road
Byron, CA 94514

Attention: Jason Smith, EH&S Coordinator

Application No.: 732600
Plant No.: 19730
Equipment Location:
The same as above

Dear Applicant:

Subject: TEMPORARY PERMIT TO OPERATE

We are pleased to inform you that your application is now complete and has qualified for accelerated permitting in accordance with the provisions of Regulation 2-1-106. With your assistance, the Air District will issue a Permit to Operate to you as soon as possible. In the interim you may start up the equipment described below, and this letter will serve as your temporary Permit to Operate.

A-8 NO_x Control SCR, Abating Turbine S-4: Catalyst Replacement.

This completeness determination and final decision date may be revised if you submit new information indicating a significant change in the project design, use rate or other factors which will influence emissions.

Please include your permit application number with any correspondence with the Air District. If you have any questions on this matter, please contact Sadegh Sadeghipour, Air Quality Engineer, at (415) 749-4672 or ssadeghipour@baaqmd.gov (Preferred).

Very truly yours,

Pamela J. Leong
Director of Engineering

by Sanjeev Kamboj
Air Quality Engineering Manager

XC:SMS

Exhibit 14

HAZ-7 Operation Security Plan

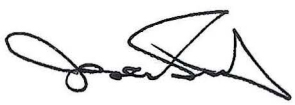
Mariposa Energy 2025

Operation Security Plan HAZ-7

January 7, 2026

The verification section of the HAZ-7 COC states the following:
"In the annual compliance report, the project owner shall include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. In the annual compliance report, the project owner shall include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations."

It is the policy of Mariposa Energy, LLC (09-AFC-3C) that each contracted company signs a Certification of Contractor Background Check certifying that background investigations to ascertain the accuracy of the identity and employment history for all its employees has been performed prior to working at Mariposa Energy (MEP). The affidavit is then countersigned by the MEP plant manager and appended to the MEP Security Plan for review by the California Energy Commission Compliance Project Manager.



Jason Smith
EH&S Coordinator
Mariposa Energy, LLC
4887 Bruns Rd
Byron, CA 94514
925-666-5409
j.smith@dgc-ops.com

4.0 Post-Certification Changes Approved - 2025

CALIFORNIA ENERGY COMMISSION

CALIFORNIA NATURAL RESOURCES AGENCY

July 23, 2025

Jason Smith
EH&S Coordinator
Mariposa Energy Project
4887 Bruns Road
Byron, California 94514

MARIPOSA ENERGY PROJECT (09-AFC-08C) AUTHORIZATION FOR CONSTRUCTION OF COVER OVER THE GAS PRESSURE CONTROL YARD

Dear Jason Smith:

On July 1, 2025, the California Energy Commission (CEC) staff received an inquiry regarding gas yard project at the Mariposa Energy Project (MEP). MEP proposed construction of a cover over the top of the gas yard to minimize exposure of gas pressure control valves to environmental elements.

The CEC staff has reviewed the description of the proposed activities listed above and concludes, based on the information provided, that the activities are not subject to California Code of Regulations, title 20, section 1769, and therefore do not require submission of a post-certification petition. This is because the proposed activities would not change the project design, operation or performance requirements in the Final Commission Decision (Decision).

However, the proposed activities, described above, require that a CEC-designated Delegate Chief Building Official (DCBO) provide oversight for plan review and/or inspections. Work cannot proceed with the above noted activities until the CEC assigns a DCBO. The project owner shall continue to adhere to all applicable conditions of certification in the Decision, or as amended.

Should the scope of the above-described activities change, please contact us as this may change our decision that the activities do not require a post-certification petition.

If you have questions or concerns, please contact Compliance Project Manager Anwar Ali, Compliance Monitoring and Enforcement Unit, Safety and Reliability Branch, at (916) 698-7498, or via email at Anwar.Ali@energy.ca.gov.

Sincerely,

Hurshbir Shahi

Hurshbir Shahi, Supervisor
Compliance Monitoring and Enforcement Unit
Safety and Reliability Branch
Siting, Transmission and Environmental Protection Division

6.0 Listing Of Permits, Filings Submitted - 2025

Mariposa Energy 2025

Listing Of Permits, Filings Submitted

See Exhibit 13 Above

7.0 Completed Compliance Activities - 2025

Mariposa Energy 2025

Completed Compliance Activities

1. RATA/Source Test reports are large files and will be provided upon request.
2. SCR catalyst specifications attached. (Expedited Option)
3. Post CO & SCR Catalyst emissions mapping results attached.

CORMETECH.

via email j.crook@dgc-ops.com
June 05, 2025
Proposal ID: 10523-323-0-A

Justin Crook
Plant Manager
Diamond Generating Corporation
4887 Bruns Rd
Byron, CA 94514-1905

Subject: Mariposa Unit 900 SCR Replacement

Dear Justin:

CORMETECH is pleased to submit our proposal to supply catalyst for the Mariposa Unit 900 SCR Replacement project. We were informed that Unit 900 is inoperable currently and needs an urgent SCR catalyst replacement. It was speculated that during CO catalyst cleaning, PGM may have leached onto the SCR catalyst, causing a degradation of performance.

Two options have been presented in this proposal. Both options utilize a similar flat face standard module design similar to what is currently installed. See options below:

Expedited (2.1 Pitch): This option is the only resolution in which Cormetech can provide an expedited solution. This will not be a direct in-kind replacement however will meet specified guarantee performances. This option utilizes a smaller pitch (2.1mm) low cell density catalyst in comparison to In-kind option. This will result in a higher pressure drop. It should be noted that the modules will be less deep (direction of flow). Although it should be evaluated by DGC, we believe this will not affect installation and still provide similar module to frame sealing of bypass.

In-Kind (2.8 Pitch): This option has been presented for comparison purposes and in event catalyst replacement needs to be ordered with standard lead times. The current catalyst utilizes 2.8mm pitch catalyst. The larger the pitch catalyst, the better the pressure drop performance, hence the guaranteed values for each of these options. It should be noted that Cormetech does not have quick availability of this catalyst type therefore has not presented this option as an expedited option.

Please contact me for additional information or if you have any questions. We look forward to assisting you with this project.

Best regards,
Caleb Brown

Business Development Manager
CORMETECH
217-620-6330
c.brown@cormetech.com

SCOPE OF SUPPLY

CATALYST

- Catalyst in Modules
- Removable Sample Elements for Performance Testing

SUBMITTALS

- Operations and Maintenance Manual
- Drawings
- Installation Procedures

GUARANTEES

Guaranteed Parameter	*Expedited (2.1 Pitch)*	*In-Kind (2.8 Pitch)*
End of Life NH3 Slip	≤ 5.0 ppmvdc	≤ 5.0 ppmvdc
Pressure Drop	≤ 7.2 inH2O	≤ 6.3 inH2O
Outlet NOx	≤ 2.5 ppmvdc	≤ 2.5 ppmvdc
Life	Earlier of 30,000 operating hours or 63 months from contracted delivery	Earlier of 30,000 operating hours or 63 months from contracted delivery

Guaranteed performance is based on:

- Cormetech, Inc., Technical Terms and Conditions (Appendix).
- Design Conditions (table below).
- Corrected concentrations are corrected to 15% oxygen unless otherwise noted.
- No metal deposition on catalyst

PRICING

Option	*Expedited (2.1 Pitch)*	*In-Kind (2.8 Pitch)*
Number of Units	1	1
Delivery Terms	EXW (CORMETECH)	EXW (CORMETECH)
Delivery Date	7-8 Weeks ARO	7 Months ARO
Proposal Validity	30 days	30 days
Payment Terms	Net 30 days	Net 30 days
Expedited Cost	$44,000	--
Catalyst	$284,500	$334,600
Total	**$328,500**	334,600

- All prices in US dollars unless otherwise noted
- The price of all goods and services offered herein is exclusive of all taxes and/or fees that Buyer may owe as a result of purchase and/or use. In procurement, if the Buyer instructs Seller to invoice for goods and services free of sales and related tax charges, Buyer will provide Seller with its documentation for resale, direct pay or exemption
- Option “Expedited SCR” includes cost for expediting order
- Cormetech will do its best to improve upon the quoted expedited lead time.

GENERAL TERMS AND CONDITIONS

Per CORMETECH General Terms and Conditions of Sale (attached)

PAYMENT MILESTONES

Milestone Event	*Percentage of Contract*
upon Start of Manufacture	50%
upon Contracted Delivery	50%

CANCELLATION SCHEDULE

Milestone Event	*Percentage of Contract*
Award and Release to Proceed	5%
Drawing Submittal	15%
Raw Material Procurement	55%
Start of Manufacture	100%

TECHNICAL DATA

Option	*Expedited (2.1 Pitch)*	*In-Kind (2.8 Pitch)*
Proposal Revision	0	0
Project Name	Mariposa Unit 900 SCR Replacement	Mariposa Unit 900 SCR Replacement
Number of Units	1	1
Reactor		
Reactors per Unit	1	1
Reactor Layer Module Arrangement	2 x 4	2 x 4
Estimated Reactor Cross-Section (W x L)	18.5 x 22.0 feet	18.5 x 22.0 feet
Modules		
Flow Direction	Horizontal	Horizontal
Module Steel	Chrome-Moly Steel	Chrome-Moly Steel
Number of Modules Provided per Unit	8	8
Number of Layers	1	1
Module Width	107.625 inches	107.625 inches
Module Length	65.50 inches	65.50 inches
Module Depth *Note - Depth is Flow Direction*	24.75 inches	32.00 inches
Module Weight	3300 lb	4100 lb
Catalyst		
CORMETECH Product	CM21ET™	CM28ET™
Catalyst Type	Honeycomb	Honeycomb
Active Materials	Ti-V-W	Ti-V-W
Catalyst Pitch	2.1 mm	2.8 mm

INLET DISTRIBUTION CONDITIONS

	Expedited (2.1 Pitch)	*In-Kind (2.8 Pitch)*
Flue Gas Velocity Maldistribution	15.0 %RMS normal	15.0 %RMS normal
Flue Gas Temperature Maldistribution	25 ± °F	25 ± °F
NH3 to NOx Molar Ratio Maldistribution	10.0 %RMS normal	10.0 %RMS normal

DESIGN CONDITIONS

Option Expedited SCR

	NOx, Pressure Drop
Case	Design
Fuel	Gas, Natural
Flow Rate	1087204 lb/hr
Temperature	835 °F
Elevation	0 FASL
Flue Gas Composition	
Nitrogen	72.0 vol%
Oxygen	13.0 vol%
Carbon Dioxide	3.0 vol%
Water	12.0 vol%
Argon	1.0 vol%
Inlet NOx	25.0 ppmvdc
NO2:NOx ratio	≤ 0.50
Inlet SO2	--
Inlet SO3	--
Inlet CO	110.0 ppmvdc
Inlet VOCs	--
Inlet Formaldehyde	--

- Corrected concentrations are corrected to 15% oxygen unless otherwise noted.

FIELD SERVICES

Cormetech can provide a full turnkey installation service if DGC chooses so. We would manage the installation from start to finish. If this is of interest Cormetech can look at providing a estimated quote.

We can also offer on-site installation support where we have one experienced Cormetech Field Service Technician come on-site a support the installation work with DGC's labor and management. We can also quote this option as well. The quote for on-site installation support will follow the below pricing structure.

- $1950 per man-day, 8-hour Monday through Friday workday any part thereof, departure to return
  - Overtime hours Monday through Friday prorated at 150%
  - Weekend rates at 150% of Monday through Friday
  - Holiday rates at 200% of Monday through Friday
- Transportation and Incidentals, cost plus 10%
- Lodging, per current published US Dept of State Per Diem Domestic Travel Allowances, all-in (includes meal allowances)

- Mobilization Cost

DETERIORATION MECHANISMS

Although Cormetech catalyst is designed to resist degradation, over time catalyst performance potential will decline by two general modes: reduction in available active sites or masking of active sites. The following table shows some of the poisons and the mechanisms that can affect performance potential.

THERMAL		
Degradation Source	*Mechanism*	*Measurement Methods*
High Temperature (onset temperature depends on specific catalyst formulation)	Reduce available catalytic surface area	Nitrogen BET Surface Area, XRD, XRF, Mercury Porosimetry

POISONS		
Degradation Source	*Mechanism*	*Measurement Methods*
Fine Particulate	Plugs pores and prevent diffusion/reaction	SEM/EDS of surface
Alkaline Metals	Ion exchange with active sites. Common: Sodium, Potassium Other: Cesium, Lithium, Rubidium	ICP, ICPMS, XRF, XPS, SEM/EDS
Alkaline Earth Metals	Plug pores and prevent diffusion/reaction, typically in the form of sulfates, phosphates or arsenates. Common: Calcium, Magnesium. Other: Barium, Strontium, Beryllium	ICP, ICPMS, XRF, XPS, SEM/EDS
Ammonia-Sulfur Compounds	Plug pores and prevent diffusion/reaction.	Ion Chromatography, XRF, XPS, SEM/EDS
Halogens	At high levels, react with and volatilize active metal sites of catalyst.	Ion Chromatography, ICP, ICPMS, XRF, XPS, SEM/EDS
Silicon Compounds	Form siliceous compounds on surface that mask active sites and/or plug pores. Common: Siloxanes	ICP, ICPMS, XRF, XPS, SEM/EDS
Noble Metals	Promote oxidation of ammonia to NOx. Common: Platinum. Other: Palladium, Rhodium	ICP, ICPMS, XRF, XPS, SEM/EDS
Other Elements	Cover active sites, deposit on or near catalyst surface, or promote oxidation (ammonia to NOx or SO2 to SO3). Common: Arsenic, Phosphorus Other: Antimony, Chrome, Copper, Iron, Lead, Nickel, Tin, Vanadium, Zinc	ICP, ICPMS, XRF, XPS, SEM/EDS

LIQUID CONTACT		
Degradation Source	*Mechanism*	*Measurement Methods*
Water, Liquid Ammonia, Cleaning Solution, etc.	Liquids act as carriers of poisons that may decrease catalytic performance. Rapid heat-up of liquids may cause cracks and reduce physical integrity. Resilient sealing materials break down and may dislodge over time, allowing flue gas bypass in a catalyst module encasement.	Chemical analysis, physical inspection and physical property measurements

Surface/bulk/other methods may be utilized, combined or replaced, as appropriate, for suitability.
ICP = Inductively Coupled Plasma
ICPMS = Inductively Coupled Plasma Mass Spectroscopy
XRD, XRF, XPS = X-Ray Diffraction, X-Ray Fluorescence & X-Ray Photoelectron Spectroscopy
SEM/EDS = Scanning Electron Microscopy/Energy Dispersive Spectroscopy

GENERAL TERMS AND CONDITIONS OF CONTRACT FOR CATALYST AND SERVICES

I. DEFINITIONS

"Agreement":	These General Terms and Conditions, together with the applicable Proposal and any Purchase Order constitute the entire commercial conditions for the performance of the Work. Any Exhibits or Appendices agreed to in writing by Cormetech and the Purchaser shall be deemed to be a part of the Agreement.
"Contract Price":	The price or prices for the performance of the Work under this Agreement, which is specified in more detail in Cormetech's Proposal or the applicable Purchase Order.
"Facility":	Cormetech's facilities at 11707 Steele Creek Road in Charlotte, N.C., 304 Linwood Road, Kings Mountain, N.C., 5000 International Drive, Durham, N.C., and/or 300 Old Tasso Road, Cleveland, TN.
"Goods"	The equipment or goods specified in the applicable Purchase Order other than Catalyst.
"Party":	Purchaser or Cormetech, as applicable, and together the "Parties."
"Proposal":	A written proposal from Cormetech to Purchaser proposing the performance of specific Work.
"Purchase Order":	An order from Purchaser requesting the performance of Work by Cormetech.
"Purchaser":	The entity, firm, company, or corporation to whom Cormetech is providing the Goods, Regenerated Catalyst, and/or Services as described in the Purchase Order.
"Catalyst":	Emissions-control catalyst from either (a) Cormetech's new catalyst manufacturing facilities, or (b) Cormetech's inventory of previously used emission-control catalyst that has been cleaned and regenerated by Cormetech using its Catalyst Cleaning Services and Catalyst Regeneration Services.
"Services":	The specific Catalyst Cleaning Services, Catalyst Management Services, or Catalyst Regeneration Services described in a Proposal or Purchase Order.
"Catalyst Cleaning Services":	The specific catalyst cleaning services to be performed by Cormetech for Purchaser as described in a Proposal or Purchase Order.
"Catalyst Management Services":	The specific Catalyst management services to be performed by Cormetech for Purchaser as described in a Proposal or Purchase Order, which can include, among other things, Ammonia Injection Grid Tuning, Catalyst testing, Catalyst installation, and/or Catalyst frame modifications.
"Catalyst Regeneration Services":	The specific services for the regeneration of emission-control Catalyst to be performed by Cormetech for Purchaser as reflected in a Proposal or Purchase Order.
"Site":	The physical location owned or operated by the Purchaser.
"Cormetech"	Cormetech, Inc., a Delaware corporation.

"Work": The specific Catalyst Management Services, Catalyst Cleaning Services, Catalyst Regeneration Services, and/or Catalyst to be performed or provided by Cormetech as set forth in a Proposal or Purchase Order, as applicable, and made part of the Agreement.

II. PURCHASE TERMS

The Contract Price for the Work is the amount as stated in the Proposal. Purchaser may not disclose the Contract Price or any other terms of the Agreement to any third party unless explicitly agreed to by Cormetech in advance and in writing. The Contract Price and terms of this Agreement shall be considered and treated by the Parties as confidential information under Section III.

1. If the Purchase Order received by Cormetech from Purchaser contains revisions from the terms set forth in the Proposal or these General Terms and Conditions, then Cormetech must accept in writing any such revisions to the Purchase Order to create a valid and binding agreement between the Parties.

2. Applicable sales or use taxes in accordance with applicable laws shall be added to the Contract Price and shall be paid by Purchaser.

3. Unless otherwise indicated in the Proposal (e.g., to address changes in raw material prices), the pricing set forth in the Proposal shall be firm for the duration of the Agreement. Any price changes thereafter must be mutually agreed in writing by the Parties.

4. Payment of the Contract Price shall be made according to the terms agreed upon between the Parties. In the absence of a specific agreement, the Contract Price shall be payable by Purchaser within thirty (30) days after date of invoice from Cormetech for the Work.

5. Purchaser shall have no right of retention or set-off against the Contract Price.

III. CONFIDENTIALITY

A. Each party (the "Receiving Party") will not disclose to any person any confidential information of the other party (the "Disclosing Party") except in connection with the performance of its obligations hereunder. Any information relating to this Agreement, the Work, or Services not generally available to the public shall be considered confidential for purposes of this Agreement. The obligation to keep such information confidential shall not extend to the following:

    1. Information that is or becomes a matter of public record through no fault of the Receiving Party;

    2. Information that can be shown, by credible evidence, to have been legally disclosed to the Receiving Party by a third party without restrictions as to disclosure;

    3. Information that can be shown, by credible evidence, to have been independently developed by the Receiving Party without use of or reference to any confidential information of the Disclosing Party; or

    4. Information that can be shown, by credible evidence, to have been known to the Receiving Party without restrictions as to disclosure prior to receipt from the Disclosing Party.

B. Notwithstanding the foregoing, the Receiving Party compelled by legal process to disclose the Disclosing Party's confidential information may do so, but shall use its best efforts to notify the Disclosing Party in advance of any disclosure and afford the Disclosing Party an opportunity to

oppose such disclosure at the expense of the Disclosing Party. The Receiving Party shall have no liability for disclosing information in good faith reliance on the advice of its counsel that it is compelled to do so.

IV. WARRANTIES

A. Warranties for Catalyst Management Services

1. Cormetech warrants that (i) the Catalyst Management Services shall be performed in a competent, diligent, and workmanlike manner in accordance with the requirements of this Agreement and standard industry practices, (ii) the technical information, reports, analyses and recommendations transmitted by Cormetech in connection with the Catalyst Management Services will be competently prepared and consistent with the requirements of this Agreement and standard industry practices, and (iii) the Catalyst Management Services performed will comply with all applicable laws and regulations. The warranty period for the warranties set forth in this clause 1 shall be as set forth in the Proposal.

2. If Cormetech's performance of the Catalyst Management Services does not comply with the warranties described in clause 1 above, Purchaser's sole and exclusive remedy shall be limited to remedial action by Cormetech with respect to the Catalyst Management Services, or if such remedial action is not possible, the re-performance of the applicable Catalyst Management Services.

B. Warranties for Catalyst Cleaning Services and Catalyst Regeneration Services

1. Cormetech warrants that (i) any Catalyst Cleaning Services and Catalyst Regeneration Services shall be performed in a competent, diligent, and workmanlike manner in accordance with the requirements of this Agreement and standard industry practices, (ii) the Catalyst cleaned or regenerated by Cormetech shall meet the specifications and performance guarantees, if any, set forth in the Proposal for the period of time set forth in the Proposal, and (iii) the Catalyst Cleaning Services and Catalyst Regeneration Services performed will comply with all applicable laws and regulations.

2. If Cormetech's performance of the Catalyst Cleaning Services or Catalyst Regeneration Services fails to comply with the warranty as described in the immediately preceding clause 1 (other than failure to meet specifications and performance guarantees), then Purchaser's sole and exclusive remedy shall be limited to remedial action necessary for the performed services to comply with such warranties or, in the event that such remedial action is not possible, the re-performance of the Catalyst Cleaning Services or Catalyst Regeneration Services. If Cormetech's performance of the Catalyst Cleaning Services or Catalyst Regeneration Services fails to meet the specifications and/or performance guarantees set forth in the Proposal, and notwithstanding anything in this Agreement to the contrary, the liquidated damages set forth in the Proposal with respect to the catalyst not meeting the specifications or performance guarantees described in the Proposal will be Purchaser's sole and exclusive remedy for the catalyst not meeting such specifications and/or performance guarantees. If no such liquidated damages are specified in the Proposal, Cormetech shall pay liquidated damages limited to a maximum, aggregate amount of 20% of the Purchase Order value, which shall be the sole and exclusive remedy for such failure. No back-charges, administrative costs, "in and out" expenses, or other fees or costs will be payable by Cormetech in conjunction with any liquidated damages to be paid by Cormetech.

C. Warranty for Catalyst

1. Cormetech warrants that the Catalyst shall meet the specifications and performance guarantees, if any, set forth in the Proposal for the period set forth in the Proposal and will comply with all applicable laws and regulations.

2. If Cormetech's Catalyst fails to comply with the warranty as described in the immediately preceding clause 1, and notwithstanding anything in this Agreement to the contrary, Cormetech shall, in its sole discretion, either (a) remove and replace the defective catalyst with new catalyst having the same or better specifications as the failed catalyst at Cormetech's sole expense, or (b) offer Purchaser a credit against the purchase price for the value of the catalyst failing to meet warranties or performance specifications on a pro rata basis. For clarity, if Cormetech chooses remedy (b), Purchaser will receive an amount calculated as the percentage of remaining life of the catalyst as of the first date of the failure (measured in months or hours, whichever is less) compared to the guaranteed life multiplied by the original purchase price. Cormetech's selection of (a) or (b) above shall be Purchaser's sole and exclusive remedy for such breach of the warranties or performance guarantees or specifications or criteria. No back-charges, administrative costs, "in and out" expenses, or other fees or costs will be payable by Cormetech in conjunction with the exclusive remedies set forth herein.

D. Warranties for Goods

1. Cormetech expressly warrants that on the date the Goods are delivered by Cormetech to Purchaser, the Goods supplied hereunder will conform to Purchaser's specifications in all respects as set forth in the Purchase Order and will be in good condition. Upon delivery of the Goods and upon prompt inspection by Purchaser and notice to Cormetech within ten (10) days after the date of such inspection (but in no event later than thirty (30) days after date of delivery) of any failure of any of the Goods supplied hereunder to conform to the above warranties, Cormetech shall, at Cormetech's option and at no cost to Purchaser, promptly investigate such reported failure, and upon Cormetech determining the failure was the responsibility of Cormetech, Cormetech shall repair or replace any Goods so that they conform to the above warranties. The costs of transporting, repairing, or replacing Goods to make them comply with the above warranties shall be borne by Cormetech; provided, however, Cormetech shall not be liable for removal, de-installation, or installation of Goods.

E. Warranty Limitations

1. Catalyst Management Services, Catalyst Cleaning Services, Catalyst Regeneration Services, and Catalyst will be provided or performed solely in Cormetech's capacity as a consultant or provider of Goods, and not as an operator of Purchaser's business or operations. Cormetech shall have no responsibility or liability for Purchaser's operating results.

2. Notwithstanding anything in the Agreement to the contrary, and with specific respect to Catalyst for coal-fired applications or other high-dust environments, the warranties and performance guarantees set forth in the Agreement shall be void and unenforceable in the event the Catalyst covered by this Agreement and installed in Purchaser's power plant becomes plugged by 15% or more or is damaged by operation of sonic horns, soot blowers, air lances, other cleaning or maintenance equipment or devices, or chemical additives.

3. Notwithstanding anything in the Agreement to the contrary, and with specific respect to Catalyst for non-coal applications, the warranties and performance guarantees set forth in the Agreement shall be void and unenforceable in the event the Catalyst covered by this Agreement and installed in Purchaser's power plant is damaged by other cleaning or maintenance equipment or devices, or chemical additives.

4. Notwithstanding anything in the Agreement to the contrary, the warranties and performance guarantees set forth in the Agreement shall be void and unenforceable in the event the Catalyst is not maintained and operated in accordance with all the conditions, terms, requirements, and specifications of the operating manuals and guidelines provided by Cormetech to Purchaser including, but not limited to, the warranty conditions and guidelines attached hereto as Exhibit A.

5. It is expressly understood and agreed to by the parties hereto that OTHER THAN AS SET FORTH IN THIS SECTION IV, THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED, AND EXCEPT AS SPECIFICALLY PROVIDED IN THE AGREEMENT, ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE HEREBY EXCLUDED AND EXPRESSLY DISCLAIMED.

V. LIMITATION ON LIABILITY

A. **NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT TO THE CONTRARY, CORMETECH'S TOTAL LIABILITY FOR DAMAGES UNDER ANY OF THE PROVISIONS OF THIS AGREEMENT, INCLUDING BUT NOT LIMITED TO ALL PROVISIONS RELATING TO LIABILITY, INDEMNIFICATION, LIQUIDATED DAMAGES, PENALTIES, AND WARRANTIES, IS LIMITED TO A MAXIMUM AMOUNT OF ONE HUNDRED PERCENT (100%) OF THE CONTRACT PRICE PAID TO CORMETECH UNDER THE APPLICABLE PURCHASE ORDER, AND THIS PARAGRAPH WILL NOT BE LIMITED OR DIMINISHED BY ANY OTHER TERM OR PROVISION OF THIS AGREEMENT**.

B. **NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT TO THE CONTRARY, CORMETECHSHALL NOT BE LIABLE TO PURCHASER OR PURCHASER'S AGENTS FOR ANY LOSS OF PROFITS OR REVENUES, LOSS OF PRODUCTION OR OUTPUT, COST OF CAPITAL OR FINANCING, LOSS OF USE OR BUSINESS OPPORTUNITY, OR OTHER CONSEQUENTIAL, INCIDENTAL, INDIRECT, PUNITIVE, SPECIAL, OR SIMILAR DAMAGES, INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, LOSS OF WORK PRODUCT, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, DIRECT OR INDIRECT, WHETHER ARISING OUT OF TORT, CONTRACT OR OTHERWISE, EVEN IF CORMETECH HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES**.

C. These limitations will survive termination of this Agreement, and shall apply to any occurrence including, but not limited to, one involving the breach of any legal or equitable duty or duty arising in contract, warranty, statute, or tort. If a third-party claims tort liability arising in connection with the performance of this Agreement which may be waived or limited on the basis of sovereign immunity available to Purchaser, Purchaser shall cooperate fully with Cormetech in asserting such defense and limitation of liability

VI. INDEMNIFICATION AND INTELLECTUAL PROPERTY

A. Cormetech shall indemnify, defend, and hold harmless Purchaser and its officers, directors, and employees for, from, and against any (a) claim by a third party involving injury to, or death of, a third party and for damage to or loss of property of a third party caused by any action or inaction of Cormetech or its agents and (b) claim by a third party that the performance of the Work infringes on the intellectual property rights of such third party, provided that (a) Purchaser promptly notifies Cormetech in writing of any such claim, (b) Purchaser fully and reasonably cooperates with Cormetech in the defense of any such claim, with Cormetech controlling any litigation in connection with such claim, and (c) Purchaser consents to the settlement of any such claim as recommended by Cormetech, provided that such settlement does not result in monetary liability to Purchaser. Cormetech's indemnification shall not apply in the event of any modification, addition to, or

alteration of the Work by any party other than Cormetech. Purchaser acknowledges and agrees that Cormetech may procure any necessary license at Cormetech's sole expense to satisfy any potential infringement claim, and Purchaser hereby consents to Cormetech obtaining any such license on such terms as Cormetech deems appropriate. Purchaser, at its own expense, may retain its own legal counsel in connection with any such claim, provided that such retention does not interfere with Cormetech's right to control any litigation.

B. Purchaser shall indemnify, defend, and hold harmless Cormetech and its officers, members, managers, directors, and employees for, from, and against any claim by a third party involving injury to, or death of, a third party and for damage to or loss of property of a third party caused by any action or inaction of Purchaser or its agents, provided that (a) Cormetech promptly notifies Purchaser in writing of any such claim, (b) Cormetech fully and reasonably cooperates with Purchaser in the defense of any such claim, with Purchaser controlling any litigation in connection with such claim, and (c) Cormetech consents to the settlement of any such claim as recommended by Purchaser, provided that such settlement does not result in monetary liability to Cormetech. Cormetech, at its own expense, may retain its own legal counsel in connection with any such claim, provided that such retention does not interfere with Cormetech's right to control any litigation.

C. Any and all intellectual property used to perform the Work or developed, conceived, implemented, or placed into practice as a result of the performance of the Work shall be the sole and exclusive property of Cormetech, regardless of the source of such intellectual property.

VII. INSURANCE

A. Cormetech shall maintain in full force and effect all of the following insurance policies:

1. General liability insurance with a combined bodily injury and property damage liability limit of $ 1,000,000 each occurrence and of $ 2,000,000 aggregate limit;

2. Workers' compensation insurance covering all employees engaged in Work for Cormetech, not less than the statutory limits;

3. Automobile Bodily Injury and Property Damage Liability Insurance, written on an "occurrence" basis, with a combined single limit per occurrence of not less than $1,000,000.

B. Purchaser shall not be relieved of any of its obligations to maintain necessary insurance as the result of any insurance held by Cormetech.

VIII. TERMINATION; EFFECTS OF TERMINATION

A. This Agreement may be terminated at any time by either Party upon thirty (30) days prior written notice to the other Party, provided that in the event any Work hereunder shall not have been completed, this Agreement shall continue in full force and effect until the earlier of (1) the completion of any such Work hereunder and (2) early termination as provided in this Section VIII.

B. If Purchaser terminates a Purchase Order for new Catalyst (which is custom-designed and manufactured to Purchaser's specifications) for convenience or otherwise without good cause or Cormetech's written consent, Purchase shall pay Cormetech in accordance with the following schedule:

Milestone Event	Percentage of Contract
Award and Acknowledgement	5%
Drawing Submittal	15%

Raw Material Procurement	55%
Start of Manufacture	100%

C. Purchaser may at any time interrupt the Work on a temporary basis upon written notice thereof to Cormetech and shall reimburse Cormetech for any cost accrued or incurred on account of such suspension, together with payment of an additional fee equal to ten percent (10%) of the Contract Price for the Work. Cormetech shall resume the Work as soon as possible after Cormetech and Purchaser agree to a revised Work schedule.

D. In the event of any failure to perform the Work in a diligent manner as mutually agreed upon in a Purchase Order and Cormetech's inability to provide any action or reasonable assurances that the respective part of the Work can be completed as scheduled, Purchaser may, without any further liability towards Cormetech, other than payment for the Work already completed prior to such termination, terminate the respective work order for this part of the Work within five (5) business days upon advance written notice.

E. In the event of bankruptcy, insolvency, receivership, or similar action relating to a Party, the other Party may terminate this Agreement upon written notice delivered to the other Party, effective upon the receipt of such notice by the other Party.

F. Notwithstanding any termination or expiry of this Agreement, the provisions of Sections III (Confidentiality), IV (Warranties), V (Limitation on Liability), VI (Intellectual Property), VIII (Termination), and XIV (Governing Law; Procedures) of this Agreement, as well as any other provisions of this Agreement necessary to give efficacy thereto, shall continue in full force and effect.

IX. LICENSES AND PERMITS

Cormetech shall be responsible for obtaining and maintaining all necessary licenses and permits and for complying with federal and state laws, codes, and regulations in connection with the Work hereunder. Purchaser shall be responsible for obtaining and maintaining all necessary licenses and permits to operate its business in a manner to allow Cormetech to undertake the Work.

X. REMOVAL AND INSTALLATION OF CATALYST AND GOODS

Unless otherwise agreed in writing, Cormetech shall have no responsibility for the removal, de-installation, or installation of any Catalyst or Goods at the facilities of Purchaser. Any such removal, de-installation, or installation shall be the sole and exclusive responsibility of Purchaser.

XI. DAMAGED CATALYST

Any Catalyst which Purchaser has provided to Cormetech for Catalyst Cleaning Services or Catalyst Regeneration Services which, upon inspection by Cormetech, is revealed to have been damaged to such an extent that such Catalyst cannot be cleaned or regenerated shall be the sole responsibility of Purchaser and Cormetech shall have no liability to Purchaser for the inability to clean or regenerate such Catalyst.

XII. SHIPPING

Unless otherwise agreed by Cormetech and Purchaser, all shipping of Catalyst and Goods to Purchaser from Cormetech shall be FOB Purchaser's designated location (Incoterms 2020). Unless otherwise agreed by Cormetech and Purchaser, all shipping of Catalyst by Purchaser to Cormetech shall be FOB Cormetech's Facility (Incoterms 2020).

XIII. STORAGE OF CATALYST

All Catalyst stored by Cormetech at the request of Purchaser shall be held at Cormetech's Facility or one of its warehouses. Such Catalyst shall be stored at a storage rate as set forth in the Proposal or Purchase Order.

XIV. FORCE MAJEURE

A. No Party shall be liable for the non-compliance with the present Agreement to the extent that such non-compliance has been caused by force majeure, including but not limited to such acts of God as, but not limited to, fire, pandemic or epidemic, blizzard, ice storm, hurricane, tornado, flood, earthquake, volcanic activities, or war, civil unrest, change in law of the Government, or by any other conditions and circumstances beyond the reasonable control of one of the Parties.
B. Each Party shall endeavor, in an appropriate way, to minimize and to shorten the effects of such circumstances and to continue to meet its obligations under this Agreement. In the event such force majeure event cannot be overcome and Cormetech is unable to perform the Work both Parties shall come to a mutually acceptable agreement on how to proceed with this Agreement.

XV. ENTIRE AGREEMENT

This Agreement and any applicable Proposals or Purchase Orders shall constitute the entire Agreement between the parties with respect to the subject matter hereof, and thereby cancel and supersede any prior understanding and agreements between the Parties hereto with respect thereto. There are no representations, warranties, forms, conditions, undertakings, or collateral agreements, express, implied or statutory, between the parties other than as expressly set forth in this Agreement.

XVII. ASSIGNMENT

Neither Cormetech nor Purchaser shall assign this Agreement or any Work performed hereunder, in whole or in part, without the prior written consent of the other Party.

XVIII. GOVERNING LAW; PROCEDURES

It is the intention of the Parties that this Agreement and the performance of the Work hereunder shall be construed in accordance with, and pursuant to, the laws of the State of North Carolina (other than conflicts of laws rules) and the United States of America. Each Party hereby irrevocably and unconditionally consents to submit to the exclusive jurisdiction of the federal or state courts of the State of North Carolina for any actions, suits or proceedings arising out of or relating to this Agreement (and agrees not to commence any action, suit or proceeding relating thereto except in such courts). Each Party hereby irrevocably and unconditionally waives any objection which it may now or hereafter have to the laying of venue of any action, suit or proceeding arising out of this Agreement or the transactions contemplated hereby in the federal or state courts of the State of North Carolina, and hereby further irrevocably and unconditionally waives and agrees not to plead or claim in any such court that any such action, suit or proceeding brought in any such court has been brought in an inconvenient forum.

XIX. INVALIDITY

Each provision of this Agreement should be construed and interpreted so that it is valid, lawful, and enforceable under applicable law. If a provision of this Agreement (or the application of it) is held by a court or arbitrator to be invalid, unlawful, or unenforceable under applicable law, however, that provision will be deemed separable from the remaining provisions of this Agreement, will be reformed and enforced to the extent it is valid and lawful, and will not affect the validity, lawfulness, or interpretation of any other provision of this Agreement or the application of that provision to a person or circumstance in which it is valid, lawful, and enforceable. If any provision of this Agreement is determined for any reason to be invalid, illegal, or unenforceable in any respect, the parties shall negotiate in good faith an amendment, modification, or

supplement of or to this Agreement to the maximum extent practicable, to give effect to the intent of the parties, and the other provisions of this Agreement, as so amended, modified, supplemented, or otherwise affected, shall remain in full force and effect.

XX. NOTICES

All notices hereunder shall be in writing and addressed to the Parties at the address set forth herein, to the attention of "President" or as otherwise provided by a Party pursuant to this Section XX. Notices shall be sent by certified mail, return receipt requested, or by nationally recognized overnight delivery services, and shall be deemed received by a Party on the third business day after mailing by certified mail or on the first business day after sending by overnight delivery services. Any Party may change its address by providing notice of such change in accordance with the provisions of this Section XX.
IN WITNESS WHEREOF the parties have executed this Agreement by the signatures of their duly authorized representatives effective as of the date first below appearing.

Cormetech Inc.	_____ ("Purchaser")
Address for Notices	Address for Notices
Cormetech, Inc.	_____
5000 International Dr	_____
Durham, NC 27712	_____
USA	_____
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

EXHIBIT A

WARRANTY CONDITIONS

1) Unit operating conditions shall be within the limits of design cases specified in the Catalyst Quotation.
2) The catalysts must be handled, operated, and maintained according to CORMETECH instruction.
3) With respect to furnace start-up and shut-down, CORMETECH shall provide warranty protection as long as normal furnace start-up and shut-down procedures are followed and no moisture other than from flue gas or ambient air is present. The allowed start-up and shut-down temperature gradient for the catalyst is set forth in the project documentation supplied by CORMETECH.
4) Catalyst has been designed to accommodate profile maldistributions, based on the normal distribution described in the SCR Catalyst Quotation.
5) CORMETECH is not responsible for catalyst deterioration caused by reagent drainage or other liquid contact to catalyst.
6) Suitable means must be employed, if needed, to clean catalyst masked or plugged by firing of particulate producing fuel. Customer will inspect visually at shutdowns and clean, as needed.
7) Access must be provided to CORMETECH for visual inspection and catalyst sampling. CORMETECH reserves the right to review the Unit's operating data at any time during the warranty period, and customer shall promptly provide same upon request.
8) Customer must provide catalyst samples to CORMETECH promptly, if requested during the warranty period, in order to maintain warranties. CORMETECH will provide an advance written request of a need to obtain catalyst samples, construction and sampling method that permits ease of extraction and replacement of samples, and schedule coordination for the operating plant's convenience.
9) Customer will promptly provide a copy of all procedures and methods of analysis to be employed in catalyst evaluation for acceptance and anytime throughout the warranty period.
10) Customer must observe and follow the storage and handling requirements set forth in project documentation supplied by CORMETECH, and if the storage and handling requirements are not observed and followed Cormetech’s warranty will be void.
11) The reference to and use of “warranty” herein includes any performance guarantees or performance specifications for purposes of these Warranty Requirements.

WARRANTY FULFILLMENT

1) CORMETECH's warranties will be fulfilled at the end of the period stated in the Catalyst Quotation if the catalyst performance in the field satisfies the performance values shown in the Catalyst Quotation.
2) If Customer believes the catalyst performance in the field does not satisfy the performance values shown in the Catalyst Quotation during the warranty period, Customer will promptly conduct an on-site investigation to determine the cause of non-performance, and promptly inform CORMETECH of the findings. If the catalyst is suspect, CORMETECH will conduct laboratory tests, according to the conditions specified in the Catalyst Quotation, to verify the catalyst performance.
3) If the results of the laboratory tests indicate that the warranted values are being met, CORMETECH's warranties will be deemed to be in fulfillment at such time, and Customer will continue its investigation to determine the cause of non-fulfillment, and promptly inform CORMETECH of any further findings. Customer will compensate CORMETECH for the cost of laboratory evaluation.
4) If the results of the laboratory tests indicate that the warranty values are not being met, CORMETECH will absorb cost of laboratory evaluation. Further, if warranty values are not being met, CORMETECH will, in its sole discretion, either (a) repair, replace, or add catalyst, or (b) offer Customer a credit against the purchase price for the value of the catalyst failing to meet warranties or performance specification on a pro rata basis. CORMETECH’s selection of (a) or (b) shall be Customer’s sole and exclusive remedy for such breach of the warranties or performance guarantees or specifications or criteria. No back-charges, “in and out” costs,

administrative costs, or other fees or costs will be payable by CORMETECH in conjunction with the exclusive remedies set forth herein.

CATALYST HANDLING

I GENERAL DELIVERY GUIDELINES

A) After the catalyst is manufactured or regenerated, it should be stored according to CORMETECH guidance. CORMETECH can store Customer catalyst in a weather protected warehouse, provided Customer agrees to pay reasonable storage costs.

B) CORMETECH recommends that the catalyst delivery be coordinated during the outage to minimize the number of modules stored on-site for just-in-time delivery. Honeycomb catalyst and modules will be shipped horizontally, and plate and corrugated catalyst and modules will be shipped vertically. Transportation will customarily be by air ride flat-bed trucks on a just-in-time basis.

ON-SITE STORAGE REQUIREMENTS

A) The on-site storage requirements, listed below, must be followed in order to avoid damage to the materials, including loss of catalytic performance, due to moisture/condensation build-up on the ceramic, insulation and/or steel components. Failure to follow these requirements can cause undesirable chemical reactions to occur and therefore void the warranty and guarantees issued by CORMETECH.

B) Should on-site storage be required it is important at all times to keep the modules:
   1) Dry and free of moisture intrusion; and
   2) Out of freezing conditions; and
   3) Away from vapors and contact with substances that may contaminate or react with the catalyst and/or module materials.

C) In order to fulfill the three (3) requirements above, CORMETECH recommends the following:
   1) Daily inspections of the catalyst and storage area;
   2) Maintain the relative humidity of the storage area at less than 70% at all times, in order to prevent condensation;
   3) Store modules on an even elevated surface and in a weather protected manner, so that no foreign matter (e.g. rain, snow, ice, water run-off, dust, chemical fumes, etc.) can enter the modules from the top, bottom or sides. Storage in sea-containers is not recommended; and
   4) Spacing the modules properly to allow for proper walkways and air circulation.

D) Especially for plate catalyst, condensation can significantly change SO2/SO3 performance, and should be avoided. Should condensation on the catalyst appear or the relative humidity of the atmosphere cannot be maintained less than 70%, the following action should be taken immediately:
   1) Increase air circulation through the module by removing some or all of the plastic wrapping the modules were delivered with and/or use fans to improve air movement;
   2) Use dehumidifiers to reduce the relative humidity of the atmosphere to less than 70%; and
   3) Notify CORMETECH of the details of the above occurrence.

E) No work should be carried out close to the catalyst modules that would allow foreign objects or vibration to contact the modules and cause damage to the catalysts; damage may not be visible by external inspection. Handle catalyst modules such that damage by forklift forks, collision with other objects, and inertial forces are avoided.

III GENERAL HANDLING GUIDELINES

A) CORMETECH recommends handling the catalyst under clear weather conditions when there is low chance of precipitation.

B) Remove the shrink wrapping / plastic sheeting, cardboard, tape, foam and any wooden protective materials only when actively preparing to load into the reactor. If relative humidity conditions are over 70% while loading, it is advised to keep protective cover on modules until safely out of contact with weather.

C) The catalyst should be stored in the same position it was shipped in (horizontal for honeycomb, vertical for plate and corrugated) and only rotated to the vertical installation position when installing into the reactor.

D) When transporting catalyst modules, vibration and impacts must be avoided. In the case of long-distance truck transportation, trucks equipped with pneumatic air-ride shock absorbers are required. If a transportation vehicle is used, which is not adequately shock absorbed such as a pallet jack or forklift, the catalysts should only be moved on level and flat surfaces and at a speed of no more than 5 mph.

E) Upon receipt of a purchase order, CORMETECH will assign a project manager to oversee the entire project, and to work in close cooperation with the power station's personnel to ensure the successful completion of the project. Once the delivery dates are finalized, CORMETECH will coordinate trucks for loading and on-site supervision during loading (if requested).

F) Handling the catalyst may require additional accommodations, such as:
   1) Pallets upon which to load deactivated modules;
   2) Catalyst bags to contain fly ash or catalyst debris of modules that are removed;
   3) Module turning device for rotation of honeycomb modules; and
   4) Docks or portable ramps depending on shipment method (e.g. enclosed van or flat-bed trailer).

G) Unless otherwise agreed upon between Customer and CORMETECH, the following services are excluded from the scope offered by CORMETECH:
   1) Unloading of the catalyst modules at the receiving facility;
   2) Demurrage charges for extended unloading periods exceeding two hours per truck at the receiving facility; and
   3) Loading of used catalyst removed during the outage onto CORMETECH provided trucks.

PO Box 150549
Austin, TX 78715

September 12, 2025

Mr. Jason Smith
EH&S Coordinator
Mariposa Energy Project
4887 Bruns Rd Byron, CA 94514

Subject: Emission Testing at the Inlet SCR & Catalytic Exhaust

Dear Mr. Jason Smith,

Emission Testing was conducted at the Inlet SCR on August 20, 2025, and the exhaust catalytic on August 19, 2025, at the Mariposa Energy, Byron, CA. Results are presented in the following appendix as comparison to the Mariposa CEMS for engineering purposes.

If you have any questions or concerns, please contact Morris Mendrin (909) 270-0654 or MMendrin@erthwrks.com.

Sincerely,

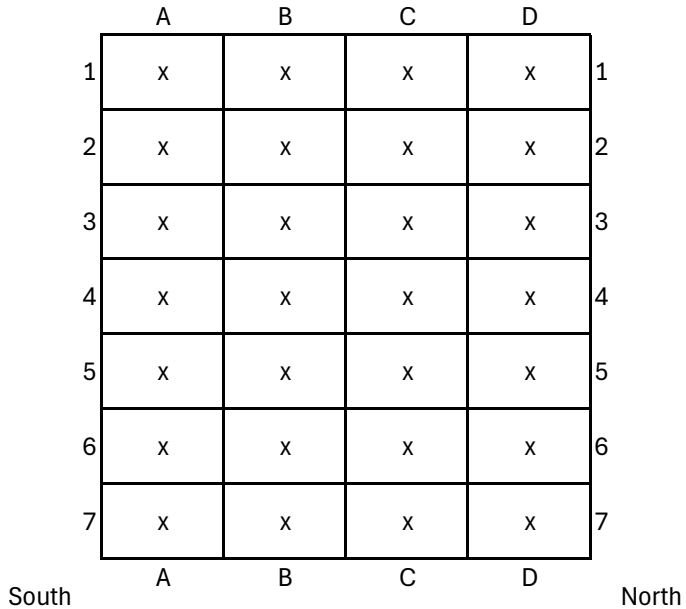
Morris Mendrin
Office Manager
Anaheim, CA
Erthwrks, LLC

Attachment A – Inlet SCR
Attachment B – Catalytic Exhaust
Attachment C – Gas Certificates

Attachment A
Inlet SCR

Stack Plot Diagram

Traverse Point	Start Time	End Time
SI1B	9:57	10:02
SI1A	10:02	10:07
SI2B	10:11	10:16
SI2A	10:16	10:21
SO1B	10:27	10:32
SO1A	10:32	10:37
SO2B	10:42	10:47
SO2A	10:47	10:52
SI3B	10:59	11:04
SI3A	11:04	11:09
SI4B	11:13	11:18
SI4A	11:18	11:23
SO3B	11:28	11:33
SO3A	11:33	11:38
SO4B	11:42	11:47
SO4A	11:47	11:52
SI5B	12:02	12:07
SI5A	12:07	12:12
SI6B	12:17	12:22
SI6A	12:22	12:27
SO5B	12:34	12:39
SO5A	12:39	12:44
SO6B	12:48	12:53
SO6A	12:53	12:58
SO7B	13:05	13:10
SO7A	13:10	13:15



Plotted points are based on viewpoint of looking directly at the SCR unit, with the flow of gas coming directly towards you. The numbers refernce the ports. The letters refernce the point location in the duct. The inlet has 6 ports. The outlet has 7 ports.

Pacific Standard Time

Traverse Point	Start Time	End Time
NI1C	13:31	13:36
NI1D	13:36	13:41
NI2C	13:46	13:51
NI2D	13:51	13:56
NO1C	14:02	14:07
NO1D	14:07	14:12
NO2C	14:17	14:22
NO2D	14:22	14:27
NI3C	14:36	14:41
NI3D	14:41	14:46
NI4C	14:51	14:56
NI4D	14:56	15:01
NO3C	15:06	15:11
NO3D	15:11	15:16
NO4C	15:21	15:26
NO4D	15:26	15:31
NI5C	15:39	15:44
NI5D	15:44	15:49
NI6C	15:53	15:58
NI6D	15:58	16:03
NO5C	16:08	16:13
NO5D	16:13	16:18
NO6C	16:23	16:28
NO6D	16:28	16:33
NO7C	16:37	16:42
NO7D	16:42	16:47

Erthwrks Ammonia Results

Unit 900 (S-4)											NH3 - Stack Conditions		
Test Point	**SI1**	**SI2**	**SO1**	**SO2**	**SI3**	**SI4**	**SO3**	**SO4**	**SI5**	**SI6**	**SO5**	**SO6**	**SO7**
Date	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**
Start Time	9:57	10:11	10:27	10:42	10:59	11:13	11:28	11:42	12:02	12:17	12:34	12:48	0:00
End Time	10:07	10:21	10:37	10:52	11:09	11:23	11:38	11:52	12:12	12:27	12:44	12:58	0:00
FTIR NH3 Result (ppmvd)	**38.25**	**31.50**	**7.60**	**4.59**	**30.34**	**31.03**	**4.52**	**3.68**	**30.00**	**29.89**	**2.56**	**2.46**	**2.26**

Erthwrks NOx Results

Unit 900 (S-4)											NO_X - O_2 Corrected		
											Corrected to:	15	% O_2
Test Point	**SI1**	**SI2**	**SO1**	**SO2**	**SI3**	**SI4**	**SO3**	**SO4**	**SI5**	**SI6**	**SO5**	**SO6**	**SO7**
Date	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**
Start Time	9:57	10:11	10:27	10:42	10:59	11:13	11:28	11:42	12:02	12:17	12:34	12:48	13:05
End Time	10:07	10:21	10:37	10:52	11:09	11:23	11:38	11:52	12:12	12:27	12:44	12:58	13:15
RM NOx Results (ppmvd)	27.24	26.09	0.61	0.82	27.26	34.98	1.00	0.94	25.72	26.08	1.79	1.24	0.70
RM O_2 Results (%vd)	15.47	15.45	15.48	15.44	15.42	15.40	15.41	15.40	15.44	15.38	15.39	15.37	15.36
RM NOx Result (ppmvd @ 15% O_2)	**29.60**	**28.24**	**0.66**	**0.89**	**29.35**	**37.52**	**1.07**	**1.01**	**27.79**	**27.88**	**1.92**	**1.32**	**0.75**

Test Point	**NI1**	**NI2**	**NO1**	**NO2**	**NI3**	**NI4**	**NO3**	**NO4**	**NI5**	**NI6**	**NO5**	**NO6**	**NO7**
Date	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**	**8/20/2025**
Start Time	13:31	13:46	14:02	14:17	14:35	14:51	15:06	15:21	15:39	15:53	16:08	16:23	16:37
End Time	13:41	13:56	14:12	14:27	14:45	15:01	15:16	15:31	15:49	16:03	16:18	16:33	16:47
RM NOx Results (ppmvd)	23.71	20.38	0.59	1.68	22.85	23.16	0.67	0.62	21.76	22.21	0.66	0.62	0.62
RM O_2 Results (%vd)	15.40	15.39	15.44	15.36	15.37	15.35	15.41	15.34	15.36	15.30	15.27	15.28	15.30
RM NOx Result (ppmvd @ % O_2)	**25.43**	**21.82**	**0.64**	**1.79**	**24.38**	**24.62**	**0.72**	**0.66**	**23.17**	**23.40**	**0.69**	**0.65**	**0.65**

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AIR EMISSIONS TESTING FOR INDUSTRY

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/20/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

Calibration Gas Verification

Pollutant	Low-Level Gas Conc. (C_V)	Cylinder Serial #	Mid-Level Gas Conc. (C_V)	Cylinder Serial #	High-Level Gas Conc. (C_V/CS)	Cylinder Serial #	Dilutor Root Gas
NO_X	n/a	n/a	8.938	CC705477	37.95	CC482027	NA
O_2	n/a	n/a	8.753	EB0081891	17.94	CC282467	NA
NH_3	-	FTIR	-	FTIR	-	FTIR	NA

*Analyzer zero calibration and drift checks are conducted using ultra-high purity nitrogen gas, or EPA Protocol 1 gases not containing target analyte.

Reference Method Analyzer Info

Make	Model	Serial No.
Thermo	42i-LS	1160570008
Servomex	1440	01420c / 2564
CAI	700 FTIR	1412002

Calibration Error Test

Pollutant	Zero Gas Response (C_{Dir})	Calibration Error (ACE)*	Low-Level Response (C_{Dir})	Calibration Error (ACE)*	Mid-Level Response (C_{Dir})	Calibration Error (ACE)*	High-Level Response (C_{Dir})	Calibration Error (ACE)*
NO_X	0.00	-0.01%	n/a	n/a	8.81	-0.34%	38.25	0.79%
O_2	0.05	0.25%	n/a	n/a	8.74	-0.06%	17.94	-0.01%
NH_3		#VALUE!		#VALUE!		#VALUE!		#VALUE!

** ACE must either be within ± 2.0% or ≤ 0.5 ppmv absolute difference, or +-5 % for THC for the mid and low gas*

Initial Sample System Bias and Response Time

Pollutant	Upscale Gas Cert. Conc. (C_{MA})	Upscale Gas Direct (C_{Dir})	Upscale Response (C_S)	Sample System Bias (SB)*	Response Time (sec)	Downscale Response (C_S)	Sample System Bias (SB)*	Response Time (sec)
NO_X	8.94	8.81	8.55	-0.67%	60	-0.01	-0.01%	60
O_2	8.75	8.74	8.77	0.14%	60	0.08	0.18%	60
NH_3				#VALUE!			#VALUE!	

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NI1**
Start Time: 13:31
End Time: 13:41

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	21.24	0.09	7.51
O_2	0.08	8.77	15.32	0.09	8.72
NH_3	-	-	34.03	-	-

Run #: **NI2**
Start Time: 13:46
End Time: 13:56

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	18.26	0.09	7.51
0.08	8.77	15.31	0.09	8.72
-	-	27.62	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NO1**
Start Time: 14:02
End Time: 14:12

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.58	0.09	7.51
O_2	0.08	8.77	15.36	0.09	8.72
NH_3	-	-	7.17	-	-

Run #: **NO2**
Start Time: 14:17
End Time: 14:27

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	1.54	0.09	7.51
0.08	8.77	15.28	0.09	8.72
-	-	2.07	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NI3**
Start Time: 14:35
End Time: 14:45

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	20.46	0.09	7.51
O_2	0.08	8.77	15.29	0.09	8.72
NH_3	-	-	30.21	-	-

Run #: **NI4**
Start Time: 14:51
End Time: 15:01

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	20.74	0.09	7.51
0.08	8.77	15.27	0.09	8.72
-	-	35.87	-	-

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/20/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NO3**
Start Time: 15:06
End Time: 15:16

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.64	0.09	7.51
O_2	0.08	8.77	15.33	0.09	8.72
NH_3	-	-	3.36	-	-

Run #: **NO4**
Start Time: 15:21
End Time: 15:31

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	0.60	0.09	7.51
0.08	8.77	15.26	0.09	8.72
-	-	3.64	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NI5**
Start Time: 15:39
End Time: 15:49

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	19.49	0.09	7.51
O_2	0.08	8.77	15.28	0.09	8.72
NH_3	-	-	32.00	-	-

Run #: **NI6**
Start Time: 15:53
End Time: 16:03

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	19.90	0.09	7.51
0.08	8.77	15.23	0.09	8.72
-	-	32.14	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NO5**
Start Time: 16:08
End Time: 16:18

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.63	0.09	7.51
O_2	0.08	8.77	15.20	0.09	8.72
NH_3	-	-	3.60	-	-

Run #: **NO6**
Start Time: 16:23
End Time: 16:33

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	0.60	0.09	7.51
0.08	8.77	15.21	0.09	8.72
-	-	2.60	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **NO7**
Start Time: 16:37
End Time: 16:47

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Sj})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.54	0.09	7.51
O_2	0.08	8.77	15.22	0.09	8.72
NH_3	-	-	3.07	-	-

NI1 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**23.71**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.40**
NH_3									**34.03**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NI2 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**20.38**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.39**
NH_3									**27.62**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO1 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.59**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.44**
NH_3									**7.17**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO2 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**1.68**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.36**
NH_3									**2.07**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NI3 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**22.85**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.37**
NH_3									**30.21**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/20/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

NI4 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**23.16**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.35**
NH_3									**35.87**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO3 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.67**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.41**
NH_3									**3.36**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO4 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.62**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.34**
NH_3									**3.64**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NI5 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**21.76**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.36**
NH_3									**32.00**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NI6 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**22.21**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.30**
NH_3									**32.14**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO5 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.66**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.27**
NH_3									**3.60**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO6 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.62**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.28**
NH_3									**2.60**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

NO7 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.55**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.30**
NH_3									**3.07**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/20/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

Calibration Gas Verification

Pollutant	Low-Level Gas Conc. (C_V)	Cylinder Serial #	Mid-Level Gas Conc. (C_V)	Cylinder Serial #	High-Level Gas Conc. (C_V/CS)	Cylinder Serial #	Dilutor Root Gas
NO_X	n/a	n/a	8.938	CC705477	37.95	CC482027	NA
O_2	n/a	n/a	8.753	EB0081891	17.94	CC282467	NA
NH_3	-	FTIR	-	FTIR	-	FTIR	NA

*Analyzer zero calibration and drift checks are conducted using ultra-high purity nitrogen gas, or EPA Protocol 1 gases not containing target analyte.

Reference Method Analyzer Info

Make	Model	Serial No.
Thermo	42i-LS	1160570008
Servomex	1440	01420c / 2564
CAI	700 FTIR	1412002

Calibration Error Test

Pollutant	Zero Gas Response (C_{Dir})	Calibration Error (ACE)*	Low-Level Response (C_{Dir})	Calibration Error (ACE)*	Mid-Level Response (C_{Dir})	Calibration Error (ACE)*	High-Level Response (C_{Dir})	Calibration Error (ACE)*
NO_X	0.00	-0.01%	n/a	n/a	8.81	-0.34%	38.25	0.79%
O_2	0.05	0.25%	n/a	n/a	8.74	-0.06%	17.94	-0.01%
NH_3		#VALUE!		#VALUE!		#VALUE!		#VALUE!

** ACE must either be within ± 2.0% or ≤ 0.5 ppmv absolute difference, or +-5 % for THC for the mid and low gas*

Initial Sample System Bias and Response Time

Pollutant	Upscale Gas Cert. Conc. (C_{MA})	Upscale Gas Direct (C_{Dir})	Upscale Response (C_S)	Sample System Bias (SB)*	Response Time (sec)	Downscale Response (C_S)	Sample System Bias (SB)*	Response Time (sec)
NO_X	8.94	8.81	8.55	-0.67%	60	-0.01	-0.01%	60
O_2	8.75	8.74	8.77	0.14%	60	0.08	0.18%	60
NH_3				#VALUE!			#VALUE!	

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SI1**
Start Time: 9:57
End Time: 10:07

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	24.39	0.09	7.51
O_2	0.08	8.77	15.39	0.09	8.72
NH_3	-	-	38.25	-	-

Run #: **SI2**
Start Time: 10:11
End Time: 10:21

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	23.36	0.09	7.51
O_2	0.08	8.77	15.37	0.09	8.72
NH_3	-	-	31.50	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SO1**
Start Time: 10:27
End Time: 10:37

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.59	0.09	7.51
O_2	0.08	8.77	15.40	0.09	8.72
NH_3	-	-	7.60	-	-

Run #: **SO2**
Start Time: 10:42
End Time: 10:52

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.78	0.09	7.51
O_2	0.08	8.77	15.36	0.09	8.72
NH_3	-	-	4.59	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SI3**
Start Time: 10:59
End Time: 11:09

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	24.41	0.09	7.51
O_2	0.08	8.77	15.34	0.09	8.72
NH_3	-	-	30.34	-	-

Run #: **SI4**
Start Time: 11:13
End Time: 11:23

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVG})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	31.30	0.09	7.51
O_2	0.08	8.77	15.32	0.09	8.72
NH_3	-	-	31.03	-	-

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/20/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SO3**
Start Time: 11:28
End Time: 11:38

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.94	0.09	7.51
O_2	0.08	8.77	15.33	0.09	8.72
NH_3	-	-	4.52	-	-

Run #: **SO4**
Start Time: 11:42
End Time: 11:52

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	0.89	0.09	7.51
0.08	8.77	15.32	0.09	8.72
-	-	3.68	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SI5**
Start Time: 12:02
End Time: 12:12

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	23.03	0.09	7.51
O_2	0.08	8.77	15.36	0.09	8.72
NH_3	-	-	30.00	-	-

Run #: **SI6**
Start Time: 12:17
End Time: 12:27

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	23.35	0.09	7.51
0.08	8.77	15.30	0.09	8.72
-	-	29.89	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SO5**
Start Time: 12:34
End Time: 12:44

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	1.64	0.09	7.51
O_2	0.08	8.77	15.31	0.09	8.72
NH_3	-	-	2.56	-	-

Run #: **SO6**
Start Time: 12:48
End Time: 12:58

Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
-0.01	8.55	1.15	0.09	7.51
0.08	8.77	15.29	0.09	8.72
-	-	2.46	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: **SO7**
Start Time: 13:05
End Time: 13:15

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	-0.01	8.55	0.67	0.09	7.51
O_2	0.08	8.77	15.28	0.09	8.72
NH_3	-	-	2.26	-	-

SI1 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**27.24**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.47**
NH_3									**38.25**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SI2 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**26.09**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.45**
NH_3									**31.50**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO1 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.61**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.48**
NH_3									**7.60**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO2 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.82**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.44**
NH_3									**4.59**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SI3 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**27.26**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.42**
NH_3									**30.34**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/20/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

SI4 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**34.98**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.40**
NH_3									**31.03**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO3 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**1.00**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.41**
NH_3									**4.52**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO4 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.94**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.40**
NH_3									**3.68**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SI5 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**25.72**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.44**
NH_3									**30.00**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SI6 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**26.08**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.38**
NH_3									**29.89**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO5 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**1.79**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.39**
NH_3									**2.56**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO6 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**1.24**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.37**
NH_3									**2.46**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

SO7 **Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results**

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	-0.01%	-0.67%	0.25%	-3.42%	0.04	8.03	0.26%	2.75%	**0.70**
O_2	0.18%	0.14%	0.26%	-0.12%	0.08	8.74	0.07%	0.26%	**15.36**
NH_3									**2.26**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/20/2025 8:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.02	7.06
8/20/2025 8:39	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.00	17.89
8/20/2025 8:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal	0.00	17.94
8/20/2025 8:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.00	12.54
8/20/2025 8:42	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		31.76	0.08
8/20/2025 8:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		33.94	0.06
8/20/2025 8:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		37.40	0.05
8/20/2025 8:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		38.11	0.05
8/20/2025 8:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal	38.25	0.05
8/20/2025 8:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		31.99	1.76
8/20/2025 8:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.44	8.74
8/20/2025 8:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal	0.04	8.74
8/20/2025 8:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.56	5.20
8/20/2025 8:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		37.39	0.05
8/20/2025 8:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		38.09	0.05
8/20/2025 8:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		29.57	0.04
8/20/2025 8:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		3.67	0.05
8/20/2025 8:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		9.49	0.04
8/20/2025 8:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		7.76	0.04
8/20/2025 8:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.26	0.03
8/20/2025 8:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.79	0.03
8/20/2025 8:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal	8.81	0.04
8/20/2025 8:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		3.06	0.03
8/20/2025 9:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.94	14.62
8/20/2025 9:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.02	20.83
8/20/2025 9:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		-0.01	20.84
8/20/2025 9:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.04	19.79
8/20/2025 9:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.57	8.93
8/20/2025 9:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	-0.01	8.77
8/20/2025 9:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.91	7.69
8/20/2025 9:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.27	0.11
8/20/2025 9:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	8.55	0.08
8/20/2025 9:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.63	0.86
8/20/2025 9:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.26	20.40
8/20/2025 9:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.06	20.81
8/20/2025 9:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		24.57	15.36
8/20/2025 9:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1B	25.28	15.38
8/20/2025 9:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1B	25.79	15.37
8/20/2025 10:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1B	26.09	15.37
8/20/2025 10:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1B	26.39	15.38
8/20/2025 10:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1B	26.53	15.39
8/20/2025 10:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1A	25.33	15.40
8/20/2025 10:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1A	24.69	15.40
8/20/2025 10:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1A	24.75	15.41
8/20/2025 10:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1A	19.68	15.42
8/20/2025 10:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI1A	19.34	15.42
					Average	**24.39**	**15.39**
8/20/2025 10:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2B	26.05	15.38
8/20/2025 10:13	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2B	26.00	15.37
8/20/2025 10:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2B	26.00	15.36
8/20/2025 10:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2B	25.93	15.36
8/20/2025 10:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2B	25.72	15.37
8/20/2025 10:17	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2A	21.64	15.38
8/20/2025 10:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2A	20.67	15.37
8/20/2025 10:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2A	20.58	15.37
8/20/2025 10:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2A	20.55	15.37
8/20/2025 10:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI2A	20.43	15.37
					Average	**23.36**	**15.37**
8/20/2025 10:28	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1B	0.70	15.37
8/20/2025 10:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1B	0.71	15.37
8/20/2025 10:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1B	0.71	15.38
8/20/2025 10:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1B	0.71	15.38
8/20/2025 10:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1B	0.65	15.60
8/20/2025 10:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1A	0.52	15.39
8/20/2025 10:34	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1A	0.48	15.38
8/20/2025 10:35	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1A	0.48	15.37
8/20/2025 10:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1A	0.48	15.37
8/20/2025 10:37	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO1A	0.49	15.37
					Average	**0.59**	**15.40**
8/20/2025 10:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2B	0.54	15.35
8/20/2025 10:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2B	0.54	15.34
8/20/2025 10:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2B	0.54	15.35
8/20/2025 10:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2B	0.54	15.36
8/20/2025 10:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2B	0.59	15.36
8/20/2025 10:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2A	1.00	15.37

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/20/2025 10:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2A	0.98	15.37
8/20/2025 10:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2A	0.99	15.37
8/20/2025 10:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2A	0.99	15.36
8/20/2025 10:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO2A	1.08	15.35
					Average	**0.78**	**15.36**
8/20/2025 11:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3B	27.37	15.34
8/20/2025 11:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3B	27.51	15.34
8/20/2025 11:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3B	27.54	15.33
8/20/2025 11:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3B	27.76	15.33
8/20/2025 11:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3B	27.39	15.33
8/20/2025 11:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3A	22.81	15.35
8/20/2025 11:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3A	21.18	15.35
8/20/2025 11:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3A	20.92	15.35
8/20/2025 11:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3A	20.79	15.34
8/20/2025 11:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI3A	20.80	15.34
					Average	**24.41**	**15.34**
8/20/2025 11:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4B	31.43	15.31
8/20/2025 11:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4B	32.08	15.31
8/20/2025 11:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4B	32.40	15.31
8/20/2025 11:17	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4B	32.56	15.31
8/20/2025 11:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4B	33.03	15.32
8/20/2025 11:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4A	30.96	15.32
8/20/2025 11:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4A	30.25	15.33
8/20/2025 11:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4A	30.10	15.34
8/20/2025 11:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4A	30.32	15.34
8/20/2025 11:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI4A	29.89	15.34
					Average	**31.30**	**15.32**
8/20/2025 11:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3B	1.11	15.33
8/20/2025 11:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3B	1.12	15.32
8/20/2025 11:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3B	1.11	15.32
8/20/2025 11:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3B	1.11	15.32
8/20/2025 11:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3B	1.07	15.32
8/20/2025 11:34	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3A	0.85	15.35
8/20/2025 11:35	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3A	0.76	15.35
8/20/2025 11:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3A	0.75	15.34
8/20/2025 11:37	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3A	0.75	15.34
8/20/2025 11:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO3A	0.75	15.35
					Average	**0.94**	**15.33**
8/20/2025 11:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4B	0.84	15.34
8/20/2025 11:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4B	0.86	15.33
8/20/2025 11:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4B	0.89	15.33
8/20/2025 11:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4B	0.92	15.32
8/20/2025 11:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4B	0.92	15.32
8/20/2025 11:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4A	0.97	15.33
8/20/2025 11:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4A	0.88	15.32
8/20/2025 11:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4A	0.86	15.31
8/20/2025 11:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4A	0.86	15.31
8/20/2025 11:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO4A	0.86	15.31
					Average	**0.89**	**15.32**
8/20/2025 12:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5B	24.43	15.33
8/20/2025 12:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5B	24.74	15.34
8/20/2025 12:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5B	24.92	15.35
8/20/2025 12:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5B	25.00	15.35
8/20/2025 12:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5B	24.82	15.35
8/20/2025 12:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5A	21.66	15.37
8/20/2025 12:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5A	21.10	15.38
8/20/2025 12:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5A	21.17	15.38
8/20/2025 12:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5A	21.21	15.38
8/20/2025 12:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI5A	21.27	15.39
					Average	**23.03**	**15.36**
8/20/2025 12:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6B	25.73	15.31
8/20/2025 12:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6B	25.85	15.30
8/20/2025 12:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6B	26.15	15.31
8/20/2025 12:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6B	26.06	15.30
8/20/2025 12:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6B	25.53	15.31
8/20/2025 12:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6A	21.20	15.31
8/20/2025 12:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6A	20.61	15.29
8/20/2025 12:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6A	20.70	15.29
8/20/2025 12:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6A	20.82	15.30
8/20/2025 12:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SI6A	20.88	15.29
					Average	**23.35**	**15.30**
8/20/2025 12:35	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5B	1.84	15.31
8/20/2025 12:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5B	1.33	15.32

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/20/2025 12:37	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5B	1.37	15.32
8/20/2025 12:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5B	1.53	15.32
8/20/2025 12:39	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5B	1.71	15.31
8/20/2025 12:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5A	1.88	15.32
8/20/2025 12:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5A	1.95	15.31
8/20/2025 12:42	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5A	1.88	15.30
8/20/2025 12:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5A	1.40	15.30
8/20/2025 12:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO5A	1.51	15.31
					Average	**1.64**	**15.31**
8/20/2025 12:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6B	0.82	15.29
8/20/2025 12:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6B	0.83	15.28
8/20/2025 12:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6B	0.82	15.28
8/20/2025 12:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6B	0.82	15.28
8/20/2025 12:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6B	0.82	15.28
8/20/2025 12:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6A	1.43	15.30
8/20/2025 12:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6A	1.55	15.30
8/20/2025 12:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6A	1.50	15.31
8/20/2025 12:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6A	1.47	15.32
8/20/2025 12:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO6A	1.42	15.32
					Average	**1.15**	**15.29**
8/20/2025 13:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7B	0.74	15.29
8/20/2025 13:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7B	0.74	15.30
8/20/2025 13:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7B	0.72	15.30
8/20/2025 13:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7B	0.74	15.30
8/20/2025 13:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7B	0.73	15.28
8/20/2025 13:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7A	0.66	15.27
8/20/2025 13:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7A	0.60	15.27
8/20/2025 13:13	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7A	0.59	15.28
8/20/2025 13:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7A	0.58	15.27
8/20/2025 13:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	SO7A	0.58	15.27
					Average	**0.67**	**15.28**
8/20/2025 13:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.58	15.28
8/20/2025 13:17	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.78	16.38
8/20/2025 13:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		3.32	9.83
8/20/2025 13:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.68	0.12
8/20/2025 13:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	7.51	0.09
8/20/2025 13:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.59	7.08
8/20/2025 13:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	0.09	8.72
8/20/2025 13:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.10	15.72
8/20/2025 13:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.09	20.77
8/20/2025 13:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.09	20.79
8/20/2025 13:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.08	20.80
8/20/2025 13:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.07	20.81
8/20/2025 13:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.80	18.29
8/20/2025 13:28	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		17.68	15.35
8/20/2025 13:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		20.97	15.34
8/20/2025 13:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		22.21	15.34
8/20/2025 13:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		22.88	15.33
8/20/2025 13:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1C	23.20	15.32
8/20/2025 13:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1C	23.33	15.31
8/20/2025 13:34	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1C	23.51	15.31
8/20/2025 13:35	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1C	23.51	15.31
8/20/2025 13:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1C	22.92	15.31
8/20/2025 13:37	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1D	19.92	15.32
8/20/2025 13:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1D	18.98	15.32
8/20/2025 13:39	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1D	18.98	15.32
8/20/2025 13:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1D	19.00	15.32
8/20/2025 13:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI1D	19.00	15.32
					Average	**21.24**	**15.32**
8/20/2025 13:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2C	19.05	15.30
8/20/2025 13:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2C	19.38	15.30
8/20/2025 13:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2C	19.52	15.29
8/20/2025 13:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2C	19.62	15.29
8/20/2025 13:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2C	19.66	15.30
8/20/2025 13:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2D	17.62	15.33
8/20/2025 13:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2D	16.89	15.33
8/20/2025 13:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2D	16.89	15.34
8/20/2025 13:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2D	16.94	15.34
8/20/2025 13:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI2D	16.99	15.34
					Average	**18.26**	**15.31**
8/20/2025 14:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1C	0.67	15.37
8/20/2025 14:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1C	0.68	15.37
8/20/2025 14:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1C	0.69	15.37

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/20/2025 14:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1C	0.69	15.36
8/20/2025 14:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1C	0.67	15.36
8/20/2025 14:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1D	0.57	15.36
8/20/2025 14:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1D	0.46	15.35
8/20/2025 14:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1D	0.45	15.35
8/20/2025 14:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1D	0.44	15.36
8/20/2025 14:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO1D	0.44	15.35
					Average	**0.58**	**15.36**
8/20/2025 14:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2C	1.61	15.29
8/20/2025 14:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2C	1.58	15.29
8/20/2025 14:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2C	1.62	15.27
8/20/2025 14:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2C	1.64	15.26
8/20/2025 14:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2C	1.41	15.27
8/20/2025 14:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2D	1.58	15.29
8/20/2025 14:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2D	1.51	15.30
8/20/2025 14:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2D	1.50	15.29
8/20/2025 14:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2D	1.53	15.29
8/20/2025 14:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO2D	1.47	15.28
					Average	**1.54**	**15.28**
8/20/2025 14:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3C	22.06	15.30
8/20/2025 14:37	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3C	21.93	15.28
8/20/2025 14:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3C	22.04	15.28
8/20/2025 14:39	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3C	22.09	15.28
8/20/2025 14:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3C	22.11	15.28
8/20/2025 14:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3D	21.99	15.29
8/20/2025 14:42	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3D	19.00	15.29
8/20/2025 14:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3D	17.83	15.28
8/20/2025 14:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3D	17.76	15.29
8/20/2025 14:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI3D	17.79	15.30
					Average	**20.46**	**15.29**
8/20/2025 14:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4C	23.24	15.29
8/20/2025 14:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4C	22.63	15.28
8/20/2025 14:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4C	22.59	15.29
8/20/2025 14:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4C	22.74	15.29
8/20/2025 14:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4C	22.65	15.28
8/20/2025 14:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4D	19.62	15.26
8/20/2025 14:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4D	18.47	15.26
8/20/2025 14:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4D	18.48	15.25
8/20/2025 15:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4D	18.49	15.25
8/20/2025 15:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI4D	18.45	15.27
					Average	**20.74**	**15.27**
8/20/2025 15:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3C	0.71	15.31
8/20/2025 15:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3C	0.70	15.32
8/20/2025 15:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3C	0.71	15.31
8/20/2025 15:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3C	0.68	15.32
8/20/2025 15:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3C	0.66	15.33
8/20/2025 15:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3D	0.62	15.34
8/20/2025 15:13	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3D	0.57	15.34
8/20/2025 15:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3D	0.57	15.34
8/20/2025 15:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3D	0.58	15.33
8/20/2025 15:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO3D	0.58	15.33
					Average	**0.64**	**15.33**
8/20/2025 15:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4C	0.53	15.25
8/20/2025 15:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4C	0.53	15.25
8/20/2025 15:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4C	0.53	15.26
8/20/2025 15:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4C	0.53	15.27
8/20/2025 15:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4C	0.63	15.27
8/20/2025 15:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4D	0.71	15.25
8/20/2025 15:28	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4D	0.66	15.26
8/20/2025 15:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4D	0.63	15.26
8/20/2025 15:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4D	0.63	15.26
8/20/2025 15:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO4D	0.63	15.28
					Average	**0.60**	**15.26**
8/20/2025 15:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5C	21.10	15.31
8/20/2025 15:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5C	21.25	15.30
8/20/2025 15:42	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5C	21.38	15.30
8/20/2025 15:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5C	21.40	15.29
8/20/2025 15:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5C	21.37	15.29
8/20/2025 15:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5D	18.56	15.27
8/20/2025 15:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5D	17.47	15.27
8/20/2025 15:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5D	17.44	15.26
8/20/2025 15:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5D	17.50	15.26
8/20/2025 15:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI5D	17.48	15.25
					Average	**19.49**	**15.28**

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/20/2025 15:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6C	21.30	15.23
8/20/2025 15:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6C	21.51	15.24
8/20/2025 15:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6C	21.75	15.24
8/20/2025 15:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6C	22.01	15.23
8/20/2025 15:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6C	21.61	15.21
8/20/2025 15:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6D	18.59	15.20
8/20/2025 16:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6D	18.05	15.22
8/20/2025 16:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6D	18.11	15.23
8/20/2025 16:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6D	18.02	15.23
8/20/2025 16:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NI6D	18.01	15.22
					Average	**19.90**	**15.23**
8/20/2025 16:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5C	0.83	15.22
8/20/2025 16:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5C	0.83	15.22
8/20/2025 16:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5C	0.81	15.21
8/20/2025 16:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5C	0.80	15.21
8/20/2025 16:13	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5C	0.75	15.20
8/20/2025 16:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5D	0.52	15.17
8/20/2025 16:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5D	0.46	15.18
8/20/2025 16:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5D	0.45	15.18
8/20/2025 16:17	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5D	0.44	15.19
8/20/2025 16:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO5D	0.43	15.18
					Average	**0.63**	**15.20**
8/20/2025 16:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6C	0.62	15.24
8/20/2025 16:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6C	0.63	15.24
8/20/2025 16:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6C	0.63	15.24
8/20/2025 16:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6C	0.62	15.23
8/20/2025 16:28	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6C	0.64	15.22
8/20/2025 16:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6D	0.59	15.18
8/20/2025 16:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6D	0.57	15.18
8/20/2025 16:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6D	0.55	15.18
8/20/2025 16:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6D	0.56	15.18
8/20/2025 16:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO6D	0.55	15.18
					Average	**0.60**	**15.21**
8/20/2025 16:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7C	0.58	15.25
8/20/2025 16:39	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7C	0.61	15.25
8/20/2025 16:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7C	0.61	15.25
8/20/2025 16:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7C	0.62	15.24
8/20/2025 16:42	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7C	0.64	15.24
8/20/2025 16:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7D	0.53	15.21
8/20/2025 16:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7D	0.45	15.20
8/20/2025 16:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7D	0.44	15.20
8/20/2025 16:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7D	0.44	15.20
8/20/2025 16:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	NO7D	0.44	15.21
					Average	**0.54**	**15.22**
8/20/2025 16:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.44	15.21
8/20/2025 16:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.25	19.29
8/20/2025 16:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.39	18.55
8/20/2025 16:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.16	10.57
8/20/2025 16:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	0.05	8.81
8/20/2025 16:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		3.17	3.02
8/20/2025 16:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.41	0.07
8/20/2025 16:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.47	0.07
8/20/2025 16:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.15	0.06
8/20/2025 16:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		5.42	0.06
8/20/2025 16:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		7.54	0.05
8/20/2025 16:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	7.54	0.05
8/20/2025 16:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.09	8.37

Timestamp	Moisture (%)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)
8/20/2025 9:58	11.53349	3.207327464	40.31439
8/20/2025 9:59	11.277	3.1067895	39.6651
8/20/2025 10:00	11.45138	3.124849266	40.07109
8/20/2025 10:01	11.38938	3.120485672	39.92053
8/20/2025 10:02	11.34877	3.199211246	40.29848
8/20/2025 10:03	11.27492	3.067242044	36.17528
8/20/2025 10:04	11.40496	3.074961808	36.11694
8/20/2025 10:05	11.21527	3.11918075	36.66353
8/20/2025 10:06	11.21758	3.130387568	36.77155
8/20/2025 10:07	11.27625	3.083121675	36.54291
Average	**11.3389**	**3.123355699**	**38.25398**
8/20/2025 10:12	11.12216	3.058398244	34.45039
8/20/2025 10:13	11.25238	3.183009628	34.40952
8/20/2025 10:14	11.21665	3.144336745	34.64181
8/20/2025 10:15	11.1658	3.125437553	34.04233
8/20/2025 10:16	11.15759	3.110959725	33.14593
8/20/2025 10:17	11.10938	3.118138756	28.74648
8/20/2025 10:18	11.26173	3.103944869	28.54826
8/20/2025 10:20	11.02468	3.108599146	27.68943
8/20/2025 10:21	11.23946	3.15621389	27.83902
Average	**11.1722**	**3.123226506**	**31.50146**
8/20/2025 10:28	11.45047	3.148794527	9.050467
8/20/2025 10:29	11.29634	3.107256585	8.465916
8/20/2025 10:30	11.21438	3.090927267	8.404696
8/20/2025 10:31	11.26488	3.137088671	8.248539
8/20/2025 10:32	11.25861	3.121545395	7.963422
8/20/2025 10:33	11.12833	3.19420044	7.498682
8/20/2025 10:34	11.25437	3.116252354	6.872436
8/20/2025 10:35	11.30461	3.10121336	6.565163
8/20/2025 10:36	11.21329	3.13277707	6.396986
8/20/2025 10:37	11.25027	3.092084541	6.505595
Average	**11.26356**	**3.124214021**	**7.59719**
8/20/2025 10:43	11.20066	3.113680966	5.485893
8/20/2025 10:44	11.24467	3.115059047	5.480272
8/20/2025 10:45	11.26144	3.111286899	5.268891
8/20/2025 10:46	11.31897	3.085205857	5.303386
8/20/2025 10:47	11.3033	3.109584329	5.384808
8/20/2025 10:48	11.27696	3.115930234	4.634628
8/20/2025 10:49	11.16025	3.070470603	3.533437
8/20/2025 10:50	11.26391	3.033075058	3.11015
8/20/2025 10:52	11.15577	3.119165038	3.141491
Average	**11.24288**	**3.097050892**	**4.593662**
8/20/2025 11:00	11.24738	3.140415679	30.3076
8/20/2025 11:01	11.26393	3.151551633	30.74313
8/20/2025 11:02	11.25585	3.146359627	30.05013
8/20/2025 11:03	11.18825	3.124695137	30.97601
8/20/2025 11:04	11.26024	3.119542371	30.84376
8/20/2025 11:05	11.20923	3.140265383	29.70686

Timestamp	Moisture (%)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)
8/20/2025 11:06	11.25931	3.114087607	30.30456
8/20/2025 11:07	11.28036	3.163741059	30.3336
8/20/2025 11:08	11.36538	3.183236426	29.87915
8/20/2025 11:09	11.33024	3.13734282	30.28707
Average	**11.26602**	**3.142123774**	**30.34319**
8/20/2025 11:14	11.24308	3.147259188	28.32594
8/20/2025 11:15	11.28976	3.131329737	28.21182
8/20/2025 11:16	11.449	3.153090652	28.07495
8/20/2025 11:17	11.25956	3.115563564	28.08096
8/20/2025 11:18	11.2787	3.085992633	29.01212
8/20/2025 11:19	11.27315	3.140524865	33.39159
8/20/2025 11:20	11.39084	3.184892773	34.82144
8/20/2025 11:21	11.30704	3.137229829	34.71419
8/20/2025 11:22	11.34194	3.105331722	34.64213
Average	**11.31478**	**3.133468329**	**31.03057**
8/20/2025 11:29	11.40348	3.104102381	5.615628
8/20/2025 11:30	11.38813	3.12591761	5.451461
8/20/2025 11:31	11.28654	3.151606362	4.810525
8/20/2025 11:32	11.34759	3.174678223	5.011796
8/20/2025 11:33	11.35279	3.114575474	4.733235
8/20/2025 11:34	11.32995	3.124862376	4.439017
8/20/2025 11:35	11.22567	3.104486091	4.097554
8/20/2025 11:36	11.28243	3.13111699	3.869047
8/20/2025 11:37	11.24058	3.113113791	3.603539
8/20/2025 11:38	11.28928	3.102668738	3.55243
Average	**11.31464**	**3.124712804**	**4.518423**
8/20/2025 11:43	11.16818	3.097957743	3.630214
8/20/2025 11:44	11.14687	3.08499472	3.60022
8/20/2025 11:45	11.21589	3.134385563	3.862235
8/20/2025 11:46	11.19092	3.110313197	3.663078
8/20/2025 11:47	11.2322	3.143748668	3.671704
8/20/2025 11:48	11.32577	3.131766751	3.594516
8/20/2025 11:49	11.31882	3.138013072	3.760498
8/20/2025 11:50	11.2607	3.125735245	3.680291
8/20/2025 11:51	11.32373	3.136038875	3.633464
8/20/2025 11:52	11.3756	3.168384147	3.664112
Average	**11.25587**	**3.127133798**	**3.676033**
8/20/2025 12:03	11.24556	3.111684673	28.88921
8/20/2025 12:04	11.22577	3.119750458	28.35853
8/20/2025 12:05	11.24395	3.159186584	29.35747
8/20/2025 12:06	11.207	3.085996679	28.84171
8/20/2025 12:07	11.26897	3.137071787	28.98412
8/20/2025 12:08	11.18373	3.131853208	30.32573
8/20/2025 12:09	11.21101	3.14781753	31.42874
8/20/2025 12:10	11.09454	3.097147668	31.41274
8/20/2025 12:11	11.13501	3.129607195	30.98156
8/20/2025 12:12	11.06928	3.139452803	31.39548
Average	**11.18848**	**3.125956858**	**29.99753**

Timestamp	Moisture (%)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)
8/20/2025 12:18	11.24675	3.147640604	32.05698
8/20/2025 12:19	11.37971	3.141072003	31.20589
8/20/2025 12:20	11.22519	3.170042783	31.60251
8/20/2025 12:21	11.28161	3.164381599	31.57281
8/20/2025 12:22	11.15	3.152509917	30.61288
8/20/2025 12:23	11.30222	3.126585688	28.03202
8/20/2025 12:24	11.2499	3.162573356	28.4491
8/20/2025 12:25	11.21438	3.138427573	28.63895
8/20/2025 12:26	11.15144	3.136077615	28.89606
8/20/2025 12:28	11.096	3.113499599	27.79799
Average	**11.22972**	**3.145281074**	**29.88652**
8/20/2025 12:35	11.11392	3.130721505	3.715523
8/20/2025 12:36	11.14863	3.111348523	3.261206
8/20/2025 12:37	11.18021	3.153242916	2.953691
8/20/2025 12:38	11.20918	3.148704183	2.501053
8/20/2025 12:39	11.17849	3.094489403	2.576484
8/20/2025 12:40	11.24247	3.188412801	2.360416
8/20/2025 12:41	11.33082	3.14415626	2.342179
8/20/2025 12:42	11.1707	3.134454047	1.967489
8/20/2025 12:43	11.10175	3.113219552	1.948689
8/20/2025 12:44	11.21058	3.16831252	1.938462
Average	**11.18867**	**3.138706171**	**2.556519**
8/20/2025 12:49	11.24376	3.137119337	2.078764
8/20/2025 12:50	11.25052	3.180870023	2.228449
8/20/2025 12:51	11.19502	3.125082319	2.553423
8/20/2025 12:52	11.28832	3.138244469	2.68576
8/20/2025 12:53	11.24322	3.138887845	2.761007
8/20/2025 12:54	11.10742	3.131613055	2.694703
8/20/2025 12:55	11.22409	3.147202872	2.608177
8/20/2025 12:56	11.19061	3.143094233	2.335199
8/20/2025 12:58	11.10161	3.14904129	2.155322
Average	**11.20495**	**3.143461716**	**2.455645**
8/20/2025 13:06	11.21498	3.168791092	2.019306
8/20/2025 13:07	11.24112	3.156891724	2.119884
8/20/2025 13:08	11.21085	3.095383095	2.093387
8/20/2025 13:09	11.1993	3.146811786	2.131945
8/20/2025 13:10	11.20367	3.144361531	2.071921
8/20/2025 13:11	11.33975	3.155922602	2.270414
8/20/2025 13:12	11.24261	3.116916436	2.415708
8/20/2025 13:13	11.17305	3.154173158	2.510476
8/20/2025 13:14	11.24785	3.103752121	2.35354
8/20/2025 13:15	11.24505	3.161184547	2.590688
Average	**11.23182**	**3.140418809**	**2.257727**
8/20/2025 13:32	11.23446	3.115138262	34.3167
8/20/2025 13:33	11.18915	3.104076331	34.20366
8/20/2025 13:34	11.13941	3.118835431	33.34732
8/20/2025 13:35	11.11001	3.136725472	34.07309

Timestamp	Moisture (%)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)
8/20/2025 13:36	11.36605	3.142457014	34.11862
8/20/2025 13:37	11.11274	3.091895477	33.19652
8/20/2025 13:38	11.22833	3.13962207	34.0609
8/20/2025 13:39	11.30241	3.110237702	34.37665
8/20/2025 13:40	11.1506	3.146787108	34.54931
8/20/2025 13:41	11.17506	3.150486802	34.10232
Average	**11.20082**	**3.125626167**	**34.03451**
8/20/2025 13:47	11.05864	3.138403405	27.76365
8/20/2025 13:48	11.31136	3.129670636	27.07541
8/20/2025 13:49	11.3006	3.099433668	26.51466
8/20/2025 13:50	11.08763	3.142777196	27.02533
8/20/2025 13:51	11.40831	3.185085128	26.94773
8/20/2025 13:52	11.0362	3.134036718	27.50537
8/20/2025 13:53	11.01708	3.125807994	28.30268
8/20/2025 13:54	11.20425	3.097273578	27.99702
8/20/2025 13:55	10.97966	3.059252263	28.32605
8/20/2025 13:56	11.1194	3.092379529	28.73492
Average	**11.15231**	**3.120412012**	**27.61928**
8/20/2025 14:03	11.21914	3.131187953	8.089391
8/20/2025 14:04	11.11755	3.085251669	8.163147
8/20/2025 14:05	11.26969	3.053953492	7.3939
8/20/2025 14:06	11.24573	3.164833503	7.898431
8/20/2025 14:07	11.38034	3.138025147	7.681678
8/20/2025 14:08	11.09529	3.069961142	7.001688
8/20/2025 14:09	11.33541	3.127761297	6.33821
8/20/2025 14:10	10.97977	3.10781045	6.504413
8/20/2025 14:11	11.15236	3.097254682	6.728328
8/20/2025 14:12	4.325224	2.870001064	5.862751
Average	**10.51205**	**3.08460404**	**7.166194**
8/20/2025 14:18	11.19701	3.123452593	2.560457
8/20/2025 14:19	11.26322	3.080590725	2.390996
8/20/2025 14:20	11.313	3.10805393	2.12548
8/20/2025 14:21	11.40216	3.178132704	2.087756
8/20/2025 14:22	11.25383	3.160910995	2.061178
8/20/2025 14:23	11.22755	3.158177269	1.935188
8/20/2025 14:24	11.36493	3.05913433	1.877175
8/20/2025 14:25	11.33383	3.133802084	1.942686
8/20/2025 14:26	11.50098	3.15264869	1.903076
8/20/2025 14:27	11.28063	3.128322007	1.835395
Average	**11.31371**	**3.128322533**	**2.071939**
8/20/2025 14:36	11.15838	3.120442519	28.13016
8/20/2025 14:37	11.13575	3.150445355	28.44744
8/20/2025 14:38	11.12393	3.111221128	28.61689
8/20/2025 14:39	11.14719	3.158488286	29.26902
8/20/2025 14:40	11.25019	3.104699219	28.86791
8/20/2025 14:41	11.24096	3.081642469	28.71908
8/20/2025 14:42	11.11666	3.079930546	30.03534
8/20/2025 14:43	11.21074	3.154482601	32.69422

Timestamp	Moisture (%)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)
8/20/2025 14:44	11.13933	3.157302373	33.3121
8/20/2025 14:45	11.11315	3.129970105	33.9957
Average	**11.16363**	**3.12486246**	**30.20879**
8/20/2025 14:52	11.0441	3.144407156	34.20473
8/20/2025 14:53	11.15292	3.142486835	33.85831
8/20/2025 14:54	11.18702	3.150610142	33.3735
8/20/2025 14:55	11.02558	3.125596118	33.39074
8/20/2025 14:56	11.34871	3.107851856	33.61659
8/20/2025 14:57	11.18723	3.158837822	37.2676
8/20/2025 14:58	10.98605	3.160071117	38.71155
8/20/2025 14:59	11.33072	3.185829736	38.84029
8/20/2025 15:00	4.65621	2.975032383	36.51019
8/20/2025 15:01	11.16958	3.130173104	38.9292
Average	**10.50881**	**3.128089627**	**35.87027**
8/20/2025 15:07	11.12922	3.141978241	4.903014
8/20/2025 15:08	11.0384	3.081691042	4.100788
8/20/2025 15:09	11.05468	3.124534731	3.924671
8/20/2025 15:10	11.12475	3.133316514	3.167546
8/20/2025 15:11	11.18317	3.076887771	3.17667
8/20/2025 15:12	11.02962	3.111618115	2.961558
8/20/2025 15:13	11.01372	3.09009564	2.905956
8/20/2025 15:14	11.05592	3.115720637	2.95749
8/20/2025 15:15	11.09626	3.117498962	2.678324
8/20/2025 15:16	10.96601	3.152969805	2.850684
Average	**11.06917**	**3.114631146**	**3.36267**
8/20/2025 15:22	11.00727	3.174555906	3.890958
8/20/2025 15:23	10.84065	3.0944293	3.684595
8/20/2025 15:24	11.1171	3.08420628	4.575412
8/20/2025 15:25	11.16878	3.102645192	3.516656
8/20/2025 15:26	11.21381	3.10002855	3.56649
8/20/2025 15:27	11.21248	3.182330468	3.420811
8/20/2025 15:28	11.05066	3.151813094	3.425632
8/20/2025 15:29	11.11897	3.151955116	3.436083
8/20/2025 15:30	11.10813	3.142124595	3.450708
8/20/2025 15:31	11.03688	3.175652273	3.417192
Average	**11.08747**	**3.135974077**	**3.638454**
8/20/2025 15:40	10.862	3.143427695	30.27169
8/20/2025 15:41	11.18195	3.156145883	30.44135
8/20/2025 15:42	10.93931	3.123223862	30.43139
8/20/2025 15:43	11.02724	3.148302082	30.40837
8/20/2025 15:44	11.0845	3.136323773	29.95415
8/20/2025 15:45	11.10554	3.228092074	31.22391
8/20/2025 15:46	10.9673	3.208059707	33.96061
8/20/2025 15:47	11.08074	3.132382102	33.916
8/20/2025 15:48	11.26669	3.124530794	34.44114
8/20/2025 15:49	11.12395	3.226075403	34.96863
Average	**11.06392**	**3.162656337**	**32.00173**

Timestamp	Moisture (%)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)
8/20/2025 15:54	11.10113	3.182957034	29.97089
8/20/2025 15:55	11.11327	3.219716627	29.97268
8/20/2025 15:56	11.10758	3.159256693	29.51845
8/20/2025 15:57	11.05643	3.169207988	30.09332
8/20/2025 15:58	11.23474	3.119305817	29.94324
8/20/2025 15:59	11.24903	3.189897623	33.32262
8/20/2025 16:00	11.17695	3.241582048	34.29085
8/20/2025 16:01	11.11651	3.19852194	34.60063
8/20/2025 16:02	11.33184	3.170331556	34.76284
8/20/2025 16:03	11.27858	3.209535801	34.91595
Average	**11.17661**	**3.186031313**	**32.13915**
8/20/2025 16:09	11.35333	3.247084892	4.982732
8/20/2025 16:10	11.43257	3.19416182	4.092552
8/20/2025 16:11	11.54767	3.208740914	3.946923
8/20/2025 16:12	11.35785	3.141885802	3.739928
8/20/2025 16:13	11.30977	3.129801723	2.983388
8/20/2025 16:14	11.32912	3.248164363	3.319949
8/20/2025 16:15	11.57243	3.178740768	3.108079
8/20/2025 16:16	11.53601	3.255212712	3.527331
8/20/2025 16:17	11.43	3.21542729	3.14177
8/20/2025 16:18	11.14028	3.207394914	3.14413
Average	**11.4009**	**3.20266152**	**3.598678**
8/20/2025 16:24	11.12047	3.196785299	2.635999
8/20/2025 16:25	11.03335	3.187565941	2.764726
8/20/2025 16:26	11.2772	3.164803706	2.79349
8/20/2025 16:27	11.18567	3.176004394	2.720217
8/20/2025 16:28	11.11178	3.117380821	2.342916
8/20/2025 16:29	11.48185	3.212382165	2.437307
8/20/2025 16:30	11.25519	3.255961079	2.781453
8/20/2025 16:31	11.22987	3.248446461	2.60619
8/20/2025 16:32	11.41974	3.146110902	2.598919
8/20/2025 16:33	11.32068	3.169908237	2.305267
Average	**11.24358**	**3.1875349**	**2.598648**
8/20/2025 16:38	11.11013	3.163964582	2.45552
8/20/2025 16:39	11.39742	3.187707533	2.454727
8/20/2025 16:40	11.1017	3.191303306	2.497222
8/20/2025 16:42	11.42678	3.181618207	2.839236
8/20/2025 16:43	11.372	3.236017076	2.491519
8/20/2025 16:44	11.2413	3.175700895	3.017801
8/20/2025 16:45	11.52098	3.234969034	3.513082
8/20/2025 16:46	11.31594	3.220432162	4.104636
8/20/2025 16:47	11.33468	3.177510338	4.282462
Average	**11.31344**	**3.196580348**	**3.072912**

Attachment B
Catalytic Exhaust

Erthwrks Method 2 Traverse Point Location Worksheet - Velocity Traverse

Client:	Mariposa Energy
Project #:	10112
Facility:	Mariposa Energy Facility (ID 19730)
Unit ID:	Unit 900 (S-4)
Technician:	M. Kammer, M. Mendrin

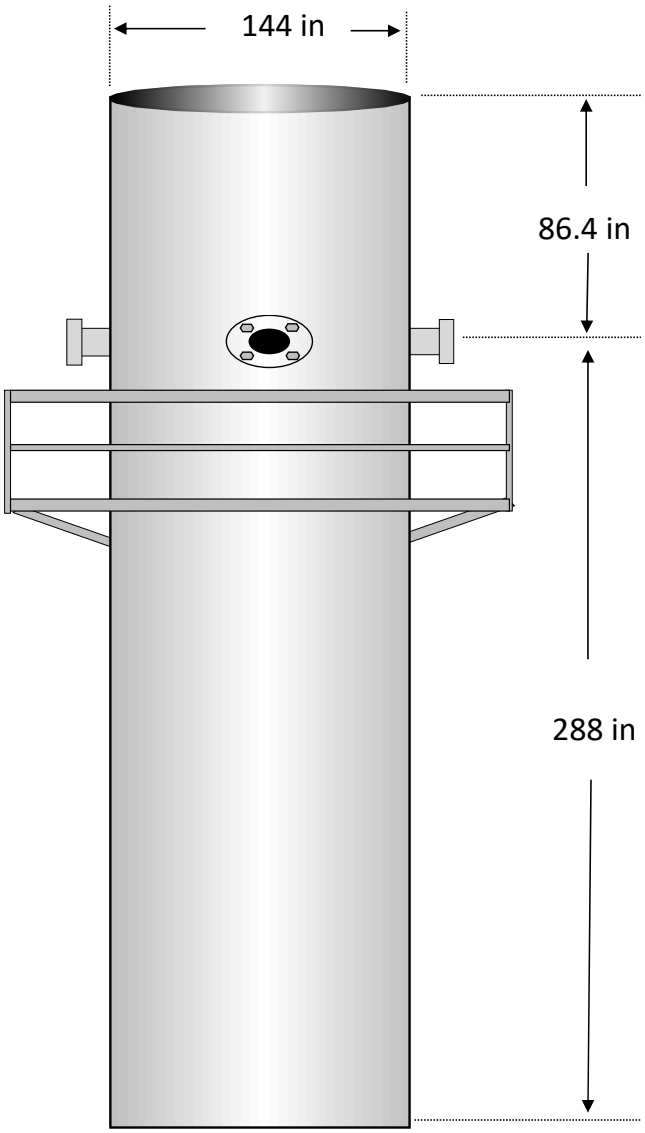
Stack ID Measurements

Stack ID + Port (inches):	156
Port Extension (inches):	12
Stack Diameter (inches):	144
Stack Area (square feet):	113.10

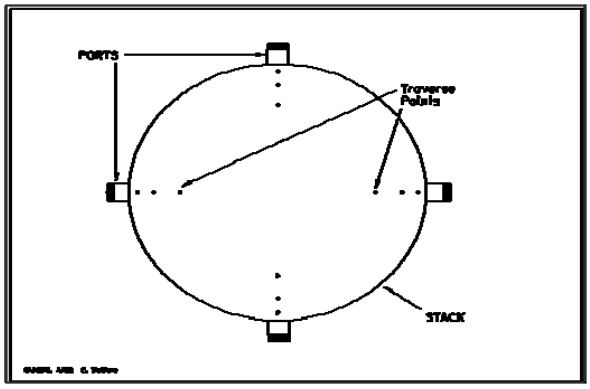
Port Location Measurements

Distance Upstream (A) (inches):	86.4
Distance Downstream (B) (inches):	288
Stack Diameters Upstream (A):	0.6
Stack Diameters Downstream (B):	2.0

Total Traverse Points to be used:	16
Traverse Points per Diameter:	6



Stack Cross Section View



[Percent of stack diameter from inside wall to traverse point]

Traverse Point Number per Diameter	# of traverse points per diameter		
	4 points	***6 points***	8 points
1	6.70%	***4.40%***	3.20%
2	25.00%	***14.60%***	10.50%
3	75.00%	***29.60%***	19.40%
4	93.30%	***70.40%***	32.30%
5	n/a	***85.40%***	67.70%
6	n/a	***95.60%***	80.60%
7	n/a	n/a	89.50%
8	n/a	n/a	96.80%

*Method 1.1, Table 1.1-2

[Calculated Traverse Point Locations]

Traverse Point Number per Diameter	Location of each point from inner wall		
	4 points	***6 points***	8 points
1	21.65''	***18.34''***	16.61''
2	48.00''	***33.02''***	27.12''
3	120.00''	***54.62''***	39.94''
4	146.35''	***113.38''***	58.51''
5	n/a	***134.98''***	109.49''
6	n/a	***149.66''***	128.06''
7	n/a	n/a	140.88''
8	n/a	n/a	151.39''

Erthwrks Relative Accuracy Test Audit--THC RATA
Performance Specification 8

Unit 900 (S-4)												NH3 - Stack Conditions
Test Run	**North Port Point 1**	**North Port Point 2**	**North Port Point 3**	**West Port Point 1**	**West Port Point 2**	**West Port Point 3**	**South Port Point 1**	**South Port Point 2**	**South Port Point 3**	**East Port Point 1**	**East Port Point 2**	**East Port Point 3**
Date	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**
Start Time	15:15	15:20	15:25	15:34	15:39	15:44	15:54	15:59	16:04	16:13	16:18	16:23
End Time	15:20	15:25	15:30	15:39	15:44	15:49	15:59	16:04	16:09	16:18	16:23	16:28
FTIR NH3 Result (ppmvd)	**2.79**	**2.70**	**2.46**	**3.41**	**3.71**	**3.40**	**3.61**	**3.47**	**2.94**	**3.08**	**3.09**	**2.61**
NH3 Slip ppm Data	**2.74**	**2.74**	**2.74**	**2.70**	**2.70**	**2.74**	**2.79**	**2.82**	**2.83**	**2.83**	**2.85**	**3.16**
Difference	0.05	-0.04	-0.28	0.72	1.02	0.66	0.82	0.65	0.11	0.25	0.24	-0.55

Erthwrks Relative Accuracy Test Audit--NO_X RATA
Performance Specification 2

Unit 900 (S-4)											NO_X CEMS - O_2 Corrected	
										Corrected to:	15	% O_2
Test Run	**North Port Point 1**	**North Port Point 2**	**North Port Point 3**	**West Port Point 1**	**West Port Point 2**	**West Port Point 3**	**South Port Point 1**	**South Port Point 2**	**South Port Point 3**	**East Port Point 1**	**East Port Point 2**	**East Port Point 3**
Date	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**
Start Time	15:15	15:20	15:25	15:34	15:39	15:44	15:54	15:59	16:04	16:13	16:18	16:23
End Time	15:20	15:25	15:30	15:39	15:44	15:49	15:59	16:04	16:09	16:18	16:23	16:28
RM NOx Results (ppmvd)	1.92	2.05	2.09	1.67	1.98	2.09	1.35	1.63	1.80	1.35	1.55	1.63
RM O_2 Results (%vd)	15.39	15.40	15.40	15.41	15.40	15.42	15.37	15.35	15.35	15.32	15.30	15.28
RM NOx Result (ppmvd @ 15% O_2)	**2.06**	**2.20**	**2.24**	**1.79**	**2.12**	**2.25**	**1.44**	**1.73**	**1.91**	**1.43**	**1.63**	**1.71**
CEMS NOx Result (ppmvd @ 15% O_2)	**2.30**	**2.30**	**2.30**	**2.30**	**2.30**	**2.30**	**2.30**	**2.30**	**2.30**	**2.30**	**2.28**	**2.30**
Difference	-0.24	-0.10	-0.06	-0.51	-0.18	-0.05	-0.86	-0.57	-0.39	-0.87	-0.65	-0.59

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Erthwrks Relative Accuracy Test Audit--O_2 RATA
Performance Specification 3

Unit 900 (S-4)												O_2 CEMS
Test Run	**North Port Point 1**	**North Port Point 2**	**North Port Point 3**	**West Port Point 1**	**West Port Point 2**	**West Port Point 3**	**South Port Point 1**	**South Port Point 2**	**South Port Point 3**	**East Port Point 1**	**East Port Point 2**	**East Port Point 3**
Date	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**	**8/19/2025**
Start Time	15:15	15:20	15:25	15:34	15:39	15:44	15:54	15:59	16:04	16:13	16:18	16:23
End Time	15:20	15:25	15:30	15:39	15:44	15:49	15:59	16:04	16:09	16:18	16:23	16:28
RM O_2 Result (%vd)	**15.39**	**15.40**	**15.40**	**15.41**	**15.40**	**15.42**	**15.37**	**15.35**	**15.35**	**15.32**	**15.30**	**15.28**
CEMS O_2 Data (%vd)	**15.34**	**15.32**	**15.32**	**15.31**	**15.31**	**15.31**	**15.32**	**15.33**	**15.35**	**15.30**	**15.29**	**15.28**
Difference	0.05	0.08	0.08	0.10	0.09	0.11	0.05	0.02	0.00	0.02	0.01	0.00

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/19/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

Calibration Gas Verification

Pollutant	Low-Level Gas Conc. (C_V)	Cylinder Serial #	Mid-Level Gas Conc. (C_V)	Cylinder Serial #	High-Level Gas Conc. (C_V/CS)	Cylinder Serial #	Dilutor Root Gas
NO_X	n/a	n/a	8.938	CC705477	37.95	CC482027	NA
O_2	n/a	n/a	8.753	EB0081891	17.94	CC282467	NA
NH_3	-	FTIR	-	FTIR	-	FTIR	NA

*Analyzer zero calibration and drift checks are conducted using ultra-high purity nitrogen gas, or EPA Protocol 1 gases not containing target analyte.

Reference Method Analyzer Info

Make	Model	Serial No.
Thermo	42i-LS	1160570008
Servomex	1440	01420c / 2564
CAI	700 FTIR	1412002

Calibration Error Test

Pollutant	Zero Gas Response (C_{Dir})	Calibration Error (ACE)*	Low-Level Response (C_{Dir})	Calibration Error (ACE)*	Mid-Level Response (C_{Dir})	Calibration Error (ACE)*	High-Level Response (C_{Dir})	Calibration Error (ACE)*
NO_X	-0.04	-0.11%	n/a	n/a	8.97	0.09%	-	-
O_2	0.04	0.23%	n/a	n/a	8.81	0.32%	17.96	0.12%
NH_3	-	-	-	-	-	-	-	-

** ACE must either be within ± 2.0% or ≤ 0.5 ppmv absolute difference, or +-5 % for THC for the mid and low gas*

Initial Sample System Bias and Response Time

Pollutant	Upscale Gas Cert. Conc. (C_{MA})	Upscale Gas Direct (C_{Dir})	Upscale Response (C_S)	Sample System Bias (SB)*	Response Time (sec)	Downscale Response (C_S)	Sample System Bias (SB)*	Response Time (sec)
NO_X	8.94	8.97	8.99	0.03%	60	0.12	0.42%	60
O_2	8.75	8.81	8.78	-0.16%	60	0.14	0.57%	60
NH_3	-	-	-	-	90	-	-	90

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: North Port Point 1
Start Time: 15:15
End Time: 15:20

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.99	0.14	8.61
O_2	0.14	8.78	15.31	0.13	8.75
NH_3	-	-	2.79	-	-

Run #: North Port Point 2
Start Time: 15:20
End Time: 15:25

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVE})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	2.12	0.14	8.61
O_2	0.14	8.78	15.31	0.13	8.75
NH_3	-	-	2.70	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: North Port Point 3
Start Time: 15:25
End Time: 15:30

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	2.16	0.14	8.61
O_2	0.14	8.78	15.32	0.13	8.75
NH_3	-	-	2.46	-	-

Run #: West Port Point 1
Start Time: 15:34
End Time: 15:39

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVE})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.75	0.14	8.61
O_2	0.14	8.78	15.32	0.13	8.75
NH_3	-	-	3.41	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: West Port Point 2
Start Time: 15:39
End Time: 15:44

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	2.05	0.14	8.61
O_2	0.14	8.78	15.32	0.13	8.75
NH_3	-	-	3.71	-	-

Run #: West Port Point 3
Start Time: 15:44
End Time: 15:49

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVE})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	2.15	0.14	8.61
O_2	0.14	8.78	15.33	0.13	8.75
NH_3	-	-	3.40	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: South Port Point 1
Start Time: 15:54
End Time: 15:59

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.44	0.14	8.61
O_2	0.14	8.78	15.29	0.13	8.75
NH_3	-	-	3.61	-	-

Run #: South Port Point 2
Start Time: 15:59
End Time: 16:04

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVE})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.71	0.14	8.61
O_2	0.14	8.78	15.27	0.13	8.75
NH_3	-	-	3.47	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: South Port Point 3
Start Time: 16:04
End Time: 16:09

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.87	0.14	8.61
O_2	0.14	8.78	15.27	0.13	8.75
NH_3	-	-	2.94	-	-

Run #: East Port Point 1
Start Time: 16:13
End Time: 16:18

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVE})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.44	0.14	8.61
O_2	0.14	8.78	15.24	0.13	8.75
NH_3	-	-	3.08	-	-

Sample Collection Raw Data--Pre and Post Sample System Calibration (SSC) and Raw Run Results

Run #: East Port Point 2
Start Time: 16:18
End Time: 16:23

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{Avg})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.63	0.14	8.61
O_2	0.14	8.78	15.22	0.13	8.75
NH_3	-	-	3.09	-	-

Run #: East Port Point 3
Start Time: 16:23
End Time: 16:28

Pollutant	Initial Zero SSC (C_{Si})	Initial Upscale SSC (C_{Si})	Raw Results (C_{AVE})	Final Zero SSC (C_{Sf})	Final Upscale SSC (C_{Sf})
NO_X	0.12	8.99	1.71	0.14	8.61
O_2	0.14	8.78	15.20	0.13	8.75
NH_3	-	-	2.61	-	-

North Port Point 1 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_O)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.92**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.39**
NH_3									**2.79**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

North Port Point 2 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_O)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_X	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**2.05**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.40**
NH_3									**2.70**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

Erthwrks Gaseous Sample Collection and Quality Assurance Worksheet

Date: 8/19/2025
Client: Mariposa Energy
Facility: Mariposa Energy Facility (ID 19730)
Project No: 10112
Unit ID: Unit 900 (S-4)
Erthwrks Tech: M. Kammer, M. Mendrin

North Port Point 3 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**2.09**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.40**
NH_3									**2.46**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

West Port Point 1 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.67**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.41**
NH_3									**3.41**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

West Port Point 2 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.98**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.40**
NH_3									**3.71**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

West Port Point 3 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**2.09**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.42**
NH_3									**3.40**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

South Port Point 1 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.35**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.37**
NH_3									**3.61**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

South Port Point 2 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.63**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.35**
NH_3									**3.47**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

South Port Point 3 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.80**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.35**
NH_3									**2.94**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

East Port Point 1 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.35**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.32**
NH_3									**3.08**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

East Port Point 2 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.55**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.30**
NH_3									**3.09**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

East Port Point 3 Sample Collection Calculations--Pre- and Post-Run Sample System Bias Check, Drift Assessment, Corrected Results

Pollutant	Initial Zero Sys. Bias (SB)*	Initial Upscale Sys. Bias (SB)*	Final Zero Sys. Bias (SB)*	Final Upscale Sys. Bias (SB)*	Avg. Zero Sys. Bias (C_0)	Avg. Upscale Sys. Bias (C_M)	Zero Drift Assessment (D)†	Upscale Drift Assessment (D)†	Corrected Results (C_{gas})
NO_x	0.42%	0.03%	0.47%	-0.97%	0.13	8.80	0.05%	1.00%	**1.63**
O_2	0.57%	-0.16%	0.48%	-0.37%	0.14	8.76	0.09%	0.21%	**15.28**
NH_3									**2.61**

** SB must either be within ± 5.0% or ≤ 0.5 ppmv absolute difference*
† D must either be within ± 3.0% or the pre- and post-run bias responses are ≤ 0.5 ppmv absolute difference

Erthwrks QAQC Example Calculations

Example Calculations for System QA : Run 1, Unit 900 (S-4)

Example Calculations for Pollutant : NOx

Variable:	Description:
C_0	Average of the pre- and post-run system cal bias responses from zero gas, ppmv.
C_{Avg}	Average unadjusted gas concentration for test run, ppmv.
C_{Dir}	Measured concentration of the cal gas when introduced in direct mode, ppmv.
C_M	Average of the pre- and post-run system cal bias responses from the upscale gas, ppmv.
C_{MA}	Actual concentration of the upscale calibration gas, ppmv.
CS	Calibration span, ppmv.
C_S	Measured concentration of the cal gas when introduced in the system cal mode, ppmv.
C_V	Manufacturer certified concentration of calibration gas, ppmv.
SB_f	Post-run system bias, percent of calibration span.
SB_i	Pre-run system bias, percent of calibration span.

Analyzer Calibration Error, ACE — Eq. 7E-1

$$ACE = \frac{C_{Dir} - C_V}{CS} \times 100$$

ACE = 0.09%

C_{Dir} =	8.97	ppmv
C_V =	8.94	ppmv
CS=	37.95	ppmv

Initial Upscale System Bias, SB_i — Eq. 7E-2

$$SB_i = \frac{C_S - C_{Dir}}{CS} \times 100$$

SB_i = 0.03%

CS=	37.95	ppmv
C_S =	8.99	ppmv
C_{Dir} =	8.97	ppmv

Upscale Drift Assessment, D — Eq. 7E-4

$$D = ABS|SB_f - SB_i|$$

D = 1.00%

SBi =	0.03%
SB_f =	-0.97%

Effluent Gas Concentration, C_{Gas} — Eq. 7E-5

$$C_{Gas} = (C_{Avg} - C_O)\frac{C_{MA}}{C_M - C_O}$$

C_{Gas} = 1.92

C_{Avg}=	1.99	ppmv
C_o =	0.13	ppmv
C_{MA} =	8.94	ppmv
C_M =	8.80	ppmv

NOx Concentration Correction to 15% Oxygen — Eq. 2-2

$$PPM_{(corr)} = PPM_{(uncorr)}\left[\frac{20.9 - \%O2\ corrected\ to}{20.9 - \%O_2d}\right]$$

$PPM_{(corr)}$= 2.06 ppm ppm NOx @ 15% Oxygen

PPM - NOx =	1.92	parts per million
$\%O_2d$ =	15.39	%
Corrected to =	15	% Oxygen

erthwrks
AIR EMISSIONS TESTING FOR INDUSTRY

Source Validation Summary

Erthwrks
Tuesday, August 19, 2025

Instrument Performance	SN: 1412002	Completed		
Amplitude:		10:23 AM		-4869
Peak Position (cm-1):		10:24 AM	Expected: 1879.17	1879.17
Temperature (°C):		10:23 AM		191.9
Pressure (torr):		10:23 AM		766
Pathlength (m):		10:24 AM		10.20

Limits of Detection	4 Measurements	Limit of Detection
C2H4	ppm	**0.002**
CO	ppm	**0.060**
H2O	%	**0.001**
NH3	ppm	**0.007**
NO	ppm	**0.029**
NO2	ppm	**0.020**
SF6	ppm	**0.037**
Completion Time:	10:24	

CTS Direct	CTS Concentration	CTS Response	Results (±5%)
C2H4	**100.40**	100.21	0.2%

Spike Direct	Spike Concentration	Spike Response	Results
NH3	**102.70**	100.22	2.4%
SF6	**10.25**	9.97	2.7%

CTS Sys Bias	CTS Concentration	CTS Response	Results (±5%)
C2H4	**100.40**	99.77	0.6%

Spike Sys Bias	Spike Concentration	Spike Response	Results
NH3	**102.70**	93.96	8.5%
SF6	**10.25**	9.76	4.8%

Spike Recovery		Native	Spike	Recovery
NH3	Dilution Factor: **0.0464**	**2.99**	8.83	116.1%
SF6		**0.00**	0.46	97.3%

Dynamic Response Time	Mechanical Response	System Response	Time to Zero
CTS:			
C2H4	< 2 min	< 2 min	< 2 min

CTS Post Sys Bias	CTS Concentration	CTS Response	Results (±5%)
C2H4	**100.40**	98.42	2.0%

Timestamp	Spectrum	Pressure (Torr)	Temperature (C)	Moisture (%)	Ethylene (ppmvd)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)	Sulfur Hexafluoride (ppmvd)	
8/19/2025 10:20	C:\gaslog\spec	765.4257	192.3779	0	0	0	0	5.52E-02	
8/19/2025 10:21	C:\gaslog\spec	765.355	192.3007	0	0	0	0	5.06E-02	
8/19/2025 10:23	C:\gaslog\spec	765.5435	191.9406	0	0	0	0	0	**Background**
8/19/2025 10:24	C:\gaslog\spec	765.5435	191.7679	0	0	0	0	0	
8/19/2025 10:43	C:\gaslog\spec	758.1222	191.0772	0	0	2.56E-04	0	0	
8/19/2025 10:49	C:\gaslog\spec	765.355	192.2934	0	97.22455	0	0	0	
8/19/2025 10:51	C:\gaslog\spec	765.5435	192.3889	0	100.2115	0	0	0	**CTS Direct**
8/19/2025 10:56	C:\gaslog\spec	766.1089	192.738	0	0	0	99.8274	9.901735926	
8/19/2025 10:57	C:\gaslog\spec	766.2267	192.6424	0	0	0	100.2228	9.973393928	**Spike Direct**
8/19/2025 11:28	C:\gaslog\spec	765.2843	191.5842	1.086781	0	0.847045251	3.474688	0	
8/19/2025 11:29	C:\gaslog\spec	765.1665	191.496	0.36577	88.129	0.259252372	2.055086	0	
8/19/2025 11:30	C:\gaslog\spec	765.2372	191.4262	0.139099	99.77018	2.30E-03	2.011958	0	**CTS System**
8/19/2025 11:44	C:\gaslog\spec	765.355	191.1543	5.29E-02	0	4.60E-04	88.6986	9.599565042	
8/19/2025 11:45	C:\gaslog\spec	765.4728	191.2425	0.204655	0	4.428289777	93.95619	9.761952519	**Spike System**
8/19/2025 11:57	C:\gaslog\spec	765.5435	192.117	0.904759	0	0.041736002	9.995514	0.487132589	
8/19/2025 11:58	C:\gaslog\spec	764.8602	192.2125	0.926844	0	4.17E-02	8.830511	0.462337966	**Dynamic Spike Test**
8/19/2025 11:59	C:\gaslog\spec	765.6141	192.2236	0.941585	0	4.02E-02	8.034306	0.169564035	
8/19/2025 15:16	C:\gaslog\spec	764.8602	192.2934	10.56659	0	3.1831099	2.985684	0	
8/19/2025 15:17	C:\gaslog\spec	765.2843	192.3889	10.64364	0	3.118581076	2.492258	2.18E-02	
8/19/2025 15:18	C:\gaslog\spec	765.5435	192.3889	10.45653	1.265239	3.082651523	2.794602	5.07E-02	
8/19/2025 15:19	C:\gaslog\spec	766.1089	192.3889	10.326	0	3.119469419	2.812908	0	
8/19/2025 15:20	C:\gaslog\spec	766.156	192.3889	10.5233	0	3.214294709	2.875987	0	
Average		**765.5906**	**192.3698**	**10.50321**	**0.253048**	**3.143621325**	**2.792288**	**0.0145047**	
8/19/2025 15:21	C:\gaslog\spec	767.0984	192.3889	11.20609	0	3.177509948	3.084445	1.57E-02	
8/19/2025 15:22	C:\gaslog\spec	766.9806	192.3117	10.0591	0	3.158710132	2.755274	1.82E-02	
8/19/2025 15:23	C:\gaslog\spec	766.3445	192.2125	9.501638	0	3.160709417	2.574295	0	
8/19/2025 15:24	C:\gaslog\spec	766.3445	192.2052	9.375595	0	3.144551713	2.576219	0	
8/19/2025 15:25	C:\gaslog\spec	766.2974	192.106	9.211036	0	3.133844041	2.48594	0	
Average		**766.6131**	**192.2449**	**9.870693**	**0**	**3.15506505**	**2.695235**	**0.006777905**	
8/19/2025 15:26	C:\gaslog\spec	765.7791	191.9627	9.119861	0	3.205631502	2.755422	0	
8/19/2025 15:27	C:\gaslog\spec	766.156	191.8745	9.059917	0	3.140691954	2.456116	0	
8/19/2025 15:28	C:\gaslog\spec	767.3575	191.7569	8.862465	1.322539	3.081837257	2.369188	0	
8/19/2025 15:29	C:\gaslog\spec	766.8392	191.6798	9.110074	0	3.114135006	2.420983	0	
8/19/2025 15:30	C:\gaslog\spec	767.1691	191.5842	8.861333	0	3.052657006	2.295465	2.73E-02	
Average		**766.6602**	**191.7716**	**9.00273**	**0.264508**	**3.118990545**	**2.459435**	**0.00546714**	
8/19/2025 15:35	C:\gaslog\spec	767.5225	191.2609	11.88047	0	3.089784243	2.901193	2.10E-02	
8/19/2025 15:36	C:\gaslog\spec	767.7109	191.2535	11.96599	0	3.121324534	3.321432	0	
8/19/2025 15:37	C:\gaslog\spec	767.5225	191.1837	11.86828	1.363579	3.084131429	3.467625	0	
8/19/2025 15:38	C:\gaslog\spec	767.4047	191.1764	11.39167	0	3.15820581	3.837796	0	
8/19/2025 15:39	C:\gaslog\spec	767.5931	191.1653	11.0977	0	3.135219839	3.543103	2.37E-02	
Average		**767.5507**	**191.208**	**11.64082**	**0.272716**	**3.117733171**	**3.41423**	**0.008928011**	
8/19/2025 15:40	C:\gaslog\spec	768.5355	191.0882	13.34415	0	3.153464964	4.051721	0	
8/19/2025 15:41	C:\gaslog\spec	766.8392	191.0882	11.20479	0	3.130951334	3.584519	0	
8/19/2025 15:42	C:\gaslog\spec	766.2267	191.0772	10.87675	0	3.148030698	3.761834	0	
8/19/2025 15:43	C:\gaslog\spec	766.1089	191.1653	10.68509	0	3.113835174	3.500443	0	
8/19/2025 15:44	C:\gaslog\spec	767.0984	191.1653	10.61232	0	3.120752652	3.673876	0	
Average		**766.9617**	**191.1168**	**11.34462**	**0**	**3.133406964**	**3.714479**	**0**	
8/19/2025 15:45	C:\gaslog\spec	767.6638	191.1837	10.17344	1.187095	3.087149125	3.40375	0	
8/19/2025 15:46	C:\gaslog\spec	767.2162	191.2425	9.992076	0	3.160618938	3.485036	0	
8/19/2025 15:47	C:\gaslog\spec	767.4047	191.3491	9.889684	0	3.11696885	3.429565	1.94E-02	
8/19/2025 15:48	C:\gaslog\spec	767.3575	191.3491	9.832288	0	3.139133697	3.305763	1.50E-02	
8/19/2025 15:49	C:\gaslog\spec	767.0984	191.4262	10.14223	1.10871	3.146484101	3.368051	0	
Average		**767.3481**	**191.3101**	**10.00594**	**0.459161**	**3.130070942**	**3.398433**	**0.006872387**	
8/19/2025 15:55	C:\gaslog\spec	766.4858	191.7863	11.04912	0	3.152917669	3.718297	0	
8/19/2025 15:56	C:\gaslog\spec	766.9099	191.7753	10.8985	0	3.18426212	3.64719	0	
8/19/2025 15:57	C:\gaslog\spec	767.1691	191.8745	10.82958	0	3.146206204	3.491199	0	
8/19/2025 15:58	C:\gaslog\spec	768.2292	191.8635	11.17263	0	3.170128603	3.776518	0	
8/19/2025 15:59	C:\gaslog\spec	767.8994	191.8635	11.16753	0	3.154445258	3.396682	1.81E-02	

Timestamp	Spectrum	Pressure (Torr)	Temperature (C)	Moisture (%)	Ethylene (ppmvd)	Carbon Dioxide (% Dry)	Ammonia (ppmvd)	Sulfur Hexafluoride (ppmvd)	
Average		**767.3387**	**191.8326**	**11.02347**	**0**	**3.161591971**	**3.605977**	**0.003618249**	
8/19/2025 16:00	C:\gaslog\spec	767.0984	191.8745	11.89072	0	3.215768941	3.705286	0	
8/19/2025 16:01	C:\gaslog\spec	766.9099	191.8745	11.204	1.385757	3.111965882	3.392343	2.66E-02	
8/19/2025 16:02	C:\gaslog\spec	766.156	191.8635	10.68194	0	3.189019944	3.66863	0	
8/19/2025 16:03	C:\gaslog\spec	767.2162	191.8745	10.08981	0	3.131442186	3.174391	1.88E-02	
8/19/2025 16:04	C:\gaslog\spec	766.6508	191.8635	10.93062	0	3.129334126	3.396826	0	
Average		**766.8063**	**191.8701**	**10.95942**	**0.277151**	**3.155506216**	**3.467495**	**0.009085759**	
8/19/2025 16:05	C:\gaslog\spec	765.4257	191.8635	9.7834	0	3.145219379	3.157338	0	
8/19/2025 16:06	C:\gaslog\spec	766.2974	191.7863	9.65338	1.367673	3.067116349	2.789728	2.36E-02	
8/19/2025 16:07	C:\gaslog\spec	765.6613	191.7973	9.590232	0	3.138286574	3.175545	0	
8/19/2025 16:08	C:\gaslog\spec	766.4858	191.6981	9.810469	0	3.1348981	3.062485	0	
8/19/2025 16:09	C:\gaslog\spec	764.978	191.6687	9.244272	0	3.097097193	2.508101	2.00E-02	
Average		**765.7696**	**191.7628**	**9.616351**	**0.273535**	**3.116523519**	**2.938639**	**0.008715822**	
8/19/2025 16:14	C:\gaslog\spec	768.724	191.5622	11.03045	0	3.134634054	3.007944	0	
8/19/2025 16:15	C:\gaslog\spec	767.5931	191.5254	11.40306	0	3.177417824	3.09797	0	
8/19/2025 16:16	C:\gaslog\spec	766.8392	191.5034	11.57011	0	3.183575077	3.256771	2.17E-02	
8/19/2025 16:17	C:\gaslog\spec	767.2869	191.4262	11.49132	0	3.227709253	2.975219	0	
8/19/2025 16:18	C:\gaslog\spec	767.6638	191.4372	11.51738	0	3.156556331	3.056203	0	
Average		**767.6214**	**191.4909**	**11.40247**	**0**	**3.175978508**	**3.078821**	**0.004334203**	
8/19/2025 16:19	C:\gaslog\spec	765.9204	191.4079	13.30653	0	3.172865579	3.377222	0	
8/19/2025 16:20	C:\gaslog\spec	766.533	191.4189	12.29857	0	3.199111851	3.029199	0	
8/19/2025 16:21	C:\gaslog\spec	766.7921	191.4372	11.11582	0	3.151945763	3.05001	1.24E-02	
8/19/2025 16:22	C:\gaslog\spec	766.6036	191.4372	10.72589	0	3.170000999	3.005204	0	
8/19/2025 16:23	C:\gaslog\spec	766.0382	191.4372	10.56701	0	3.176746783	3.000868	0	
Average		**766.3775**	**191.4277**	**11.60276**	**0**	**3.174134195**	**3.092501**	**0.002481977**	
8/19/2025 16:24	C:\gaslog\spec	766.7214	191.4556	9.955907	0	3.223743621	2.671618	0	
8/19/2025 16:25	C:\gaslog\spec	766.533	191.4483	9.421078	1.20313	3.162062285	2.638305	0	
8/19/2025 16:26	C:\gaslog\spec	766.9806	191.4483	8.930159	0	3.230273121	2.63737	0	
8/19/2025 16:27	C:\gaslog\spec	766.9099	191.4372	8.765744	0	3.182841676	2.403374	1.22E-02	
8/19/2025 16:28	C:\gaslog\spec	767.4753	191.4372	8.825212	0	3.185639999	2.711955	0	
Average		**766.9241**	**191.4453**	**9.17962**	**0.240626**	**3.19691214**	**2.612525**	**0.002443806**	
8/19/2025 16:34	C:\gaslog\spec	764.4833	191.6136	0.1334	0	2.49E-02	0	0	
8/19/2025 16:35	C:\gaslog\spec	764.4833	191.6026	0.190687	14.83632	0.0193692	0	0	
8/19/2025 16:36	C:\gaslog\spec	764.7424	191.5842	0.121661	98.41756	0.011037992	0	1.91E-02	**CTS Post**
8/19/2025 16:37	C:\gaslog\spec	757.1327	191.5916	0.115883	98.14848	8.88E-03	0	0	

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/19/2025 10:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			0.042
8/19/2025 10:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal		0.041
8/19/2025 10:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			0.041
8/19/2025 10:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			0.044
8/19/2025 11:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			17.949
8/19/2025 11:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			17.957
8/19/2025 11:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal		17.962
8/19/2025 11:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			17.969
8/19/2025 11:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			17.969
8/19/2025 11:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			17.946
8/19/2025 11:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			17.951
8/19/2025 11:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			12.228
8/19/2025 11:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal		8.811
8/19/2025 11:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			8.789
8/19/2025 11:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			8.795
8/19/2025 11:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			0.166
8/19/2025 11:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias		0.144
8/19/2025 11:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			4.892
8/19/2025 11:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			0.161
8/19/2025 11:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			7.848
8/19/2025 11:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			8.771
8/19/2025 11:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias		8.783
8/19/2025 11:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			8.961
8/19/2025 11:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)			18.017
8/19/2025 14:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		-0.121	0.093
8/19/2025 14:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal	-0.043	0.084
8/19/2025 14:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		-0.043	0.111
8/19/2025 14:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		-0.045	0.08
8/19/2025 14:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		-0.041	0.077
8/19/2025 14:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		-0.048	0.076
8/19/2025 14:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.16	0.073
8/19/2025 14:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		7.101	0.069
8/19/2025 14:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		7.704	0.068
8/19/2025 15:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.008	0.067
8/19/2025 15:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.171	0.067
8/19/2025 15:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.285	0.067
8/19/2025 15:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		4.161	0.067
8/19/2025 15:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.124	0.067
8/19/2025 15:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		9.489	0.068
8/19/2025 15:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Direct Cal	8.974	0.068
8/19/2025 15:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.758	0.064
8/19/2025 15:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		3.161	12.478
8/19/2025 15:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.964	8.731
8/19/2025 15:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	0.117	8.734
8/19/2025 15:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.332	7.215
8/19/2025 15:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.84	0.142
8/19/2025 15:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	8.985	0.109
8/19/2025 15:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		9.048	0.099
8/19/2025 15:13	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		5.815	10.394
8/19/2025 15:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.07	15.259
8/19/2025 15:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.024	15.28
8/19/2025 15:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 1	2.021	15.293
8/19/2025 15:17	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 1	1.997	15.305
8/19/2025 15:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 1	1.994	15.318
8/19/2025 15:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 1	1.978	15.318
8/19/2025 15:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 1	1.974	15.317
					Average	**1.9928**	**15.3102**
8/19/2025 15:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 2	2.015	15.312
8/19/2025 15:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 2	2.147	15.312
8/19/2025 15:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 2	2.141	15.311
8/19/2025 15:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 2	2.149	15.312
8/19/2025 15:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 2	2.123	15.311
					Average	**2.115**	**15.3116**
8/19/2025 15:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 3	2.127	15.305
8/19/2025 15:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 3	2.146	15.308
8/19/2025 15:28	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 3	2.177	15.311
8/19/2025 15:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 3	2.165	15.322
8/19/2025 15:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	North Port Point 3	2.165	15.329
					Average	**2.156**	**15.315**
8/19/2025 15:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.891	16.449
8/19/2025 15:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.521	15.446
8/19/2025 15:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.754	15.354
8/19/2025 15:34	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.763	15.347
8/19/2025 15:35	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 1	1.737	15.343
8/19/2025 15:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 1	1.734	15.335
8/19/2025 15:37	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 1	1.728	15.325
8/19/2025 15:38	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 1	1.741	15.311

Erthwrks Datalog Records

TimeStamp	Project Number	Client	Facility	Unit	Test Period	NO_X (ppm)	O_2 (%)
8/19/2025 15:39	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 1	1.792	15.299
					Average	**1.7464**	**15.3226**
8/19/2025 15:40	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 2	2.022	15.313
8/19/2025 15:41	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 2	2.058	15.311
8/19/2025 15:42	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 2	2.036	15.317
8/19/2025 15:43	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 2	2.042	15.32
8/19/2025 15:44	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 2	2.083	15.323
					Average	**2.0482**	**15.3168**
8/19/2025 15:45	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 3	2.147	15.332
8/19/2025 15:46	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 3	2.151	15.344
8/19/2025 15:47	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 3	2.151	15.336
8/19/2025 15:48	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 3	2.148	15.329
8/19/2025 15:49	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	West Port Point 3	2.152	15.33
					Average	**2.1498**	**15.3342**
8/19/2025 15:50	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		2.155	15.326
8/19/2025 15:51	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.304	17.673
8/19/2025 15:52	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.349	15.31
8/19/2025 15:53	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.44	15.303
8/19/2025 15:54	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.445	15.292
8/19/2025 15:55	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 1	1.456	15.289
8/19/2025 15:56	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 1	1.444	15.285
8/19/2025 15:57	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 1	1.435	15.28
8/19/2025 15:58	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 1	1.428	15.286
8/19/2025 15:59	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 1	1.43	15.286
					Average	**1.4386**	**15.2852**
8/19/2025 16:00	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 2	1.557	15.269
8/19/2025 16:01	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 2	1.736	15.273
8/19/2025 16:02	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 2	1.746	15.271
8/19/2025 16:03	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 2	1.748	15.256
8/19/2025 16:04	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 2	1.748	15.266
					Average	**1.707**	**15.267**
8/19/2025 16:05	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 3	1.813	15.261
8/19/2025 16:06	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 3	1.863	15.264
8/19/2025 16:07	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 3	1.886	15.273
8/19/2025 16:08	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 3	1.896	15.274
8/19/2025 16:09	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	South Port Point 3	1.91	15.274
					Average	**1.8736**	**15.2692**
8/19/2025 16:10	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.895	15.265
8/19/2025 16:11	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.217	16.379
8/19/2025 16:12	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.426	15.257
8/19/2025 16:13	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.449	15.254
8/19/2025 16:14	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 1	1.433	15.252
8/19/2025 16:15	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 1	1.445	15.243
8/19/2025 16:16	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 1	1.442	15.232
8/19/2025 16:17	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 1	1.443	15.23
8/19/2025 16:18	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 1	1.437	15.236
					Average	**1.44**	**15.2386**
8/19/2025 16:19	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 2	1.529	15.234
8/19/2025 16:20	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 2	1.651	15.224
8/19/2025 16:21	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 2	1.666	15.213
8/19/2025 16:22	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 2	1.658	15.205
8/19/2025 16:23	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 2	1.659	15.208
					Average	**1.6326**	**15.2168**
8/19/2025 16:24	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 3	1.711	15.209
8/19/2025 16:25	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 3	1.742	15.201
8/19/2025 16:26	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 3	1.676	15.197
8/19/2025 16:27	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 3	1.702	15.196
8/19/2025 16:28	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	East Port Point 3	1.702	15.196
					Average	**1.7066**	**15.1998**
8/19/2025 16:29	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		1.679	15.198
8/19/2025 16:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.979	10.235
8/19/2025 16:30	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.166	8.753
8/19/2025 16:31	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	0.137	8.745
8/19/2025 16:32	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		0.029	9.039
8/19/2025 16:33	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		7.109	0.221
8/19/2025 16:34	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)	Sys Bias	8.606	0.128
8/19/2025 16:35	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		8.647	0.115
8/19/2025 16:36	10112	Mariposa Energy	Mariposa Energy Facility (ID 19730)	Unit 900 (S-4)		6.184	1.797

CEMS/Process Data

CeDAR 1-Minute Data
Data for 8/19/2025 2:00 PM thru 8/19/2025 3:30 PM

Timestamp	Corrected Timestamp to Local Time	(Unit 900) 75-NOx ppm 1-Min	(Unit 900) NOx ppm @15% O2 1-Min	(Unit 900) 60-NOx lb/mmBtu 1-Min	(Unit 900) 75-NOx lb/mmBtu 1-Min	(Unit 900) NOx lb/hr 1-Min	(Unit 900) SCR NOx ppm 1-Min	(Unit 900) CO ppm 1-Min	(Unit 900) CO ppm @15% O2 1-Min	(Unit 900) CO lb/hr 1-Min	(Unit 900) O2 % 1-Min	(Unit 900) Nat Gas Flow scf/min 1-Min	(Unit 900) Heat Input mmBtu/hr 1-Min	(Unit 900) Generator Megawatts 1-Min	(Unit 900) NH3 Injection Flow Rate lb/hr 1-Min	NH3 Slip ppm 1-Min
8/19/2025 14:19	8/19/2025 15:16	2.1	2.3	0.0084	0.008	2.59	22.5	0.31	0.33	0.22	15.33	4984	307.7	29.8	97	2.75
8/19/2025 14:20	8/19/2025 15:17	2.1	2.3	0.0084	0.008	2.57	22.6	0.34	0.36	0.24	15.34	4957.6	306.1	29.6	97.4	2.78
8/19/2025 14:21	8/19/2025 15:18	2.1	2.3	0.0084	0.008	2.57	22.7	0.34	0.36	0.24	15.35	4948.1	305.5	29.6	97	2.74
8/19/2025 14:22	8/19/2025 15:19	2.1	2.3	0.0084	0.008	2.57	22.7	0.29	0.31	0.21	15.35	4958.2	306.1	29.6	97	2.73
8/19/2025 14:23	8/19/2025 15:20	2.1	2.3	0.0084	0.008	2.58	22.8	0.32	0.34	0.25	15.34	4970.9	306.9	29.8	96.7	2.71
Average		**2.1**	**2.3**	**0.0084**	**0.008**	**2.576**	**22.66**	**0.32**	**0.34**	**0.232**	**15.342**	**4963.76**	**306.46**	**29.68**	**97.02**	**2.742**
8/19/2025 14:24	8/19/2025 15:21	2.1	2.3	0.0084	0.008	2.59	22.7	0.31	0.33	0.22	15.33	4997.3	308.6	30	96.9	2.71
8/19/2025 14:25	8/19/2025 15:22	2.1	2.3	0.0083	0.008	2.57	22.6	0.24	0.25	0.19	15.32	5011.3	309.4	30	97.5	2.74
8/19/2025 14:26	8/19/2025 15:23	2.1	2.3	0.0083	0.008	2.57	22.5	0.32	0.34	0.25	15.32	5013.6	309.6	30.1	97.1	2.72
8/19/2025 14:27	8/19/2025 15:24	2.1	2.3	0.0083	0.008	2.56	22.4	0.25	0.26	0.19	15.32	4999.8	308.7	30	96.6	2.75
8/19/2025 14:28	8/19/2025 15:25	2.1	2.3	0.0083	0.008	2.57	22.5	0.31	0.33	0.22	15.31	5012.9	309.5	30.1	97.3	2.76
Average		**2.1**	**2.3**	**0.00832**	**0.008**	**2.572**	**22.54**	**0.286**	**0.302**	**0.214**	**15.32**	**5006.98**	**309.16**	**30.04**	**97.08**	**2.736**
8/19/2025 14:29	8/19/2025 15:26	2.1	2.3	0.0083	0.008	2.57	22.5	0.3	0.32	0.22	15.31	5012.9	309.5	30.1	97.4	2.76
8/19/2025 14:30	8/19/2025 15:27	2.1	2.3	0.0083	0.008	2.58	22.4	0.31	0.33	0.22	15.32	5038	311.1	30.2	96.8	2.71
8/19/2025 14:31	8/19/2025 15:28	2.1	2.3	0.0084	0.008	2.61	22.4	0.38	0.4	0.28	15.32	5028.5	310.5	30.1	97	2.72
8/19/2025 14:32	8/19/2025 15:29	2.1	2.3	0.0084	0.008	2.6	22.4	0.43	0.45	0.31	15.32	5017.7	309.8	30.1	96.7	2.73
8/19/2025 14:33	8/19/2025 15:30	2.1	2.3	0.0084	0.008	2.59	22.4	0.35	0.37	0.25	15.32	5000	308.7	29.9	97.2	2.78
Average		**2.1**	**2.3**	**0.00836**	**0.008**	**2.59**	**22.42**	**0.354**	**0.374**	**0.256**	**15.318**	**5019.42**	**309.92**	**30.08**	**97.02**	**2.74**
8/19/2025 14:38	8/19/2025 15:35	2.1	2.3	0.0083	0.008	2.56	22.7	0.23	0.24	0.15	15.33	4992	308.2	30	96.7	2.71
8/19/2025 14:39	8/19/2025 15:36	2.1	2.3	0.0083	0.008	2.57	22.6	0.27	0.29	0.19	15.32	5016.5	309.7	30.1	96.7	2.71
8/19/2025 14:40	8/19/2025 15:37	2.1	2.3	0.0083	0.008	2.59	22.6	0.32	0.34	0.25	15.31	5047.8	311.7	30.3	96.9	2.68
8/19/2025 14:41	8/19/2025 15:38	2.2	2.3	0.0083	0.009	2.6	22.5	0.38	0.4	0.28	15.3	5064.7	312.7	30.4	97	2.69
8/19/2025 14:42	8/19/2025 15:39	2.2	2.3	0.0084	0.009	2.63	22.5	0.38	0.4	0.28	15.29	5069.1	313	30.4	96.9	2.7
Average		**2.14**	**2.3**	**0.00832**	**0.0084**	**2.59**	**22.58**	**0.316**	**0.334**	**0.23**	**15.31**	**5038.02**	**311.06**	**30.24**	**96.84**	**2.698**
8/19/2025 14:43	8/19/2025 15:40	2.2	2.3	0.0084	0.009	2.63	22.4	0.38	0.4	0.28	15.31	5075.6	313.4	30.5	96.2	2.66
8/19/2025 14:44	8/19/2025 15:41	2.2	2.3	0.0084	0.009	2.63	22.4	0.44	0.46	0.31	15.3	5076.1	313.4	30.5	96.7	2.69
8/19/2025 14:45	8/19/2025 15:42	2.2	2.3	0.0084	0.009	2.63	22.4	0.45	0.47	0.34	15.3	5063.8	312.7	30.5	96.7	2.71
8/19/2025 14:46	8/19/2025 15:43	2.2	2.3	0.0084	0.009	2.63	22.4	0.36	0.38	0.28	15.31	5065.7	312.8	30.4	96.5	2.67
8/19/2025 14:47	8/19/2025 15:44	2.2	2.3	0.0084	0.009	2.61	22.3	0.41	0.43	0.31	15.31	5028.2	310.5	30.2	97	2.75
Average		**2.2**	**2.3**	**0.0084**	**0.009**	**2.626**	**22.38**	**0.408**	**0.428**	**0.304**	**15.306**	**5061.88**	**312.56**	**30.42**	**96.62**	**2.696**
8/19/2025 14:48	8/19/2025 15:45	2.1	2.3	0.0083	0.008	2.56	22.2	0.36	0.38	0.28	15.32	5001.5	308.8	30	96	2.72
8/19/2025 14:49	8/19/2025 15:46	2.1	2.3	0.0083	0.008	2.58	22.3	0.29	0.31	0.22	15.32	5029.1	310.5	30.2	96.9	2.73
8/19/2025 14:50	8/19/2025 15:47	2.1	2.3	0.0084	0.008	2.61	22.3	0.36	0.38	0.28	15.31	5034.1	310.8	30.2	97.1	2.74
8/19/2025 14:51	8/19/2025 15:48	2.2	2.3	0.0084	0.009	2.61	22.3	0.35	0.37	0.25	15.31	5034.5	310.9	30.2	96.9	2.74
8/19/2025 14:52	8/19/2025 15:49	2.1	2.3	0.0083	0.008	2.58	22.2	0.36	0.38	0.25	15.3	5038.6	311.1	30.2	96.7	2.76
Average		**2.12**	**2.3**	**0.00834**	**0.0082**	**2.588**	**22.26**	**0.344**	**0.364**	**0.256**	**15.312**	**5027.56**	**310.42**	**30.16**	**96.72**	**2.738**
8/19/2025 14:58	8/19/2025 15:55	2.2	2.3	0.0084	0.009	2.6	22.2	0.38	0.4	0.28	15.31	5021.6	310.1	30.2	97.1	2.77
8/19/2025 14:59	8/19/2025 15:56	2.1	2.3	0.0084	0.008	2.61	22.2	0.43	0.45	0.31	15.31	5027.8	310.4	30.1	97.2	2.79
8/19/2025 15:00	8/19/2025 15:57	2.1	2.3	0.0084	0.008	2.59	22.2	0.42	0.44	0.31	15.32	4999.7	308.7	29.8	97	2.78
8/19/2025 15:01	8/19/2025 15:58	2.1	2.3	0.0084	0.008	2.59	22.2	0.44	0.47	0.31	15.33	4993.6	308.3	29.9	97.1	2.78
8/19/2025 15:02	8/19/2025 15:59	2.1	2.3	0.0084	0.008	2.58	22.3	0.35	0.37	0.25	15.32	4982.9	307.7	29.9	97.3	2.81
Average		**2.12**	**2.3**	**0.0084**	**0.0082**	**2.594**	**22.22**	**0.404**	**0.426**	**0.292**	**15.318**	**5005.12**	**309.04**	**29.98**	**97.14**	**2.786**
8/19/2025 15:03	8/19/2025 16:00	2.1	2.3	0.0084	0.008	2.57	22.3	0.36	0.38	0.28	15.33	4953.9	305.9	29.6	97.7	2.87
8/19/2025 15:04	8/19/2025 16:01	2.2	2.3	0.0084	0.009	2.57	22.4	0.33	0.35	0.24	15.34	4947.4	305.5	29.6	97.2	2.82
8/19/2025 15:05	8/19/2025 16:02	2.2	2.3	0.0084	0.009	2.58	22.5	0.35	0.37	0.25	15.33	4980.1	307.5	29.8	97.2	2.78
8/19/2025 15:06	8/19/2025 16:03	2.2	2.3	0.0084	0.009	2.57	22.4	0.4	0.42	0.28	15.33	4959.3	306.2	29.6	97.5	2.82
8/19/2025 15:07	8/19/2025 16:04	2.2	2.3	0.0084	0.009	2.57	22.3	0.4	0.42	0.28	15.34	4958.1	306.1	29.7	97.1	2.79
Average		**2.18**	**2.3**	**0.0084**	**0.0088**	**2.572**	**22.38**	**0.368**	**0.388**	**0.266**	**15.334**	**4959.76**	**306.24**	**29.66**	**97.34**	**2.816**

CEMS/Process Data

8/19/2025 15:08	8/19/2025 16:05	2.1	2.3	0.0084	0.008	2.56	22.3	0.38	0.4	0.27	15.34	4941	305.1	29.5	96.9	2.81
8/19/2025 15:09	8/19/2025 16:06	2.1	2.3	0.0084	0.008	2.55	22.4	0.35	0.37	0.24	15.35	4920.2	303.8	29.4	97.3	2.84
8/19/2025 15:10	8/19/2025 16:07	2.1	2.3	0.0084	0.008	2.55	22.4	0.39	0.41	0.27	15.35	4918.3	303.7	29.3	96.9	2.81
8/19/2025 15:11	8/19/2025 16:08	2.1	2.3	0.0084	0.008	2.55	22.5	0.4	0.43	0.3	15.35	4909.7	303.2	29.3	97.3	2.84
8/19/2025 15:12	8/19/2025 16:09	2.1	2.3	0.0084	0.008	2.56	22.6	0.36	0.38	0.27	15.35	4929.2	304.4	29.4	97.7	2.83
Average		**2.1**	**2.3**	**0.0084**	**0.008**	**2.554**	**22.44**	**0.376**	**0.398**	**0.27**	**15.348**	**4923.68**	**304.04**	**29.38**	**97.22**	**2.826**
8/19/2025 15:17	8/19/2025 16:14	2.1	2.3	0.0083	0.008	2.57	22.1	0.45	0.48	0.34	15.32	5012.1	309.5	30.1	98.3	2.87
8/19/2025 15:18	8/19/2025 16:15	2.1	2.3	0.0083	0.008	2.58	22.1	0.48	0.51	0.34	15.3	5043.2	311.4	30.3	97.6	2.79
8/19/2025 15:19	8/19/2025 16:16	2.1	2.3	0.0083	0.008	2.59	22	0.4	0.42	0.28	15.3	5058.5	312.3	30.4	97.8	2.82
8/19/2025 15:20	8/19/2025 16:17	2.1	2.3	0.0083	0.008	2.58	21.9	0.44	0.46	0.31	15.3	5037.7	311.1	30.2	97.6	2.82
8/19/2025 15:21	8/19/2025 16:18	2.1	2.3	0.0083	0.008	2.58	21.8	0.43	0.45	0.31	15.3	5041.2	311.3	30.2	97.5	2.84
Average		**2.1**	**2.3**	**0.0083**	**0.008**	**2.58**	**21.98**	**0.44**	**0.464**	**0.316**	**15.304**	**5038.54**	**311.12**	**30.24**	**97.76**	**2.828**
8/19/2025 15:22	8/19/2025 16:19	2.1	2.3	0.0083	0.008	2.59	21.8	0.43	0.45	0.31	15.3	5049.7	311.8	30.3	97.7	2.85
8/19/2025 15:23	8/19/2025 16:20	2.1	2.3	0.0083	0.008	2.59	21.7	0.41	0.43	0.31	15.3	5055.5	312.2	30.3	97.6	2.83
8/19/2025 15:24	8/19/2025 16:21	2.1	2.3	0.0083	0.008	2.6	21.7	0.44	0.46	0.31	15.29	5080.4	313.7	30.5	98	2.84
8/19/2025 15:25	8/19/2025 16:22	2.1	2.3	0.0083	0.008	2.61	21.7	0.45	0.47	0.35	15.29	5089.2	314.2	30.6	98.5	2.86
8/19/2025 15:26	8/19/2025 16:23	2.1	2.2	0.0083	0.008	2.61	21.8	0.35	0.37	0.25	15.28	5090.7	314.3	30.6	98.7	2.89
Average		**2.1**	**2.28**	**0.0083**	**0.008**	**2.6**	**21.74**	**0.416**	**0.436**	**0.306**	**15.292**	**5073.1**	**313.24**	**30.46**	**98.1**	**2.854**
8/19/2025 15:27	8/19/2025 16:24	2.1	2.3	0.0083	0.008	2.61	21.8	0.39	0.41	0.28	15.28	5093.3	314.5	30.6	103.2	3.12
8/19/2025 15:28	8/19/2025 16:25	2.1	2.3	0.0083	0.008	2.61	21.8	0.4	0.42	0.28	15.28	5093	314.5	30.7	104.4	3.18
8/19/2025 15:29	8/19/2025 16:26	2.2	2.3	0.0084	0.009	2.65	21.8	0.41	0.43	0.32	15.28	5109.8	315.5	30.7	104.4	3.16
8/19/2025 15:30	8/19/2025 16:27	2.2	2.3	0.0084	0.009	2.64	21.8	0.48	0.5	0.35	15.28	5097.4	314.7	30.6	104.4	3.18
Average		**2.15**	**2.3**	**0.00835**	**0.0085**	**2.6275**	**21.8**	**0.42**	**0.44**	**0.3075**	**15.28**	**5098.375**	**314.8**	**30.65**	**104.1**	**3.16**
Average (all)		2.1	2.3	0.0084	0.008	2.6	22.3	0.36	0.38	0.27	15.32	5012.7	309.5	30	97.4	2.78
Total (all)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Minimum (all)		2.1	2.2	0.0083	0.008	2.54	21.7	0.23	0.24	0.15	15.28	4909.7	303.2	29.3	96	2.66
Maximum (all)		2.2	2.4	0.0087	0.009	2.7	22.8	0.48	0.51	0.35	15.35	5109.8	315.5	30.7	104.4	3.18
Average (valid values only)		2.1	2.3	0.0084	0.008	2.6	22.3	0.36	0.38	0.27	15.32	5012.7	309.5	30	97.4	
Total (valid values only)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Count (valid values only)		91	91	91	91	91	91	91	91	91	91	91	91	91	91	91

Attachment C
Gas Certificates

STACK TESTING ACCREDITATION COUNCIL

American Association for Laboratory Accreditation

Accredited Air Emission Testing Body

A2LA has accredited

Erthwrks, Inc.

In recognition of the successful completion of the joint A2LA and Stack Testing Accreditation Council (STAC) evaluation process, this laboratory is accredited to perform testing activities in compliance with ASTM D7036:2004 - Standard Practice for Competence of Air Emission Testing Bodies.

Presented this 24th day of March 2025

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6147.01
Valid to March 31, 2027

This accreditation program is not included under the A2LA ILAC Mutual Recognition Arrangement.

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI73E15A3831	Reference Number:	153-403211943-1
Cylinder Number:	EB0081891	Cylinder Volume:	156.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72024	Valve Outlet:	590
Gas Code:	CO2,O2,BALN	Certification Date:	Dec 09, 2024

Expiration Date: Dec 09, 2032

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
OXYGEN	8.750 %	8.753 %	G1	+/- 0.5% NIST Traceable	12/09/2024
CARBON DIOXIDE	18.00 %	17.87 %	G1	+/- 0.7% NIST Traceable	12/09/2024
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	14060629	CC436987	4.794 % OXYGEN/NITROGEN	0.4%	Oct 29, 2025
NTRM	13060802	CC415397	24.04 % CARBON DIOXIDE/NITROGEN	0.6%	Dec 11, 2025

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Horiba VIA-510 SV4MEUTJ CO2	CO2 NDIR (Dixon)	Nov 14, 2024
Horiba MPA-510 W603MM58 O2	O2 Paramagnetic (DIXON)	Nov 14, 2024

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15A03N0	Reference Number:	153-403347781-1
Cylinder Number:	CC705477	Cylinder Volume:	144.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72025	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	May 29, 2025

Expiration Date: May 29, 2028

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	9.000 PPM	8.938 PPM	G1	+/- 1.2% NIST Traceable	05/21/2025, 05/29/2025
CARBON MONOXIDE	9.000 PPM	9.046 PPM	G1	+/- 1.0% NIST Traceable	05/21/2025
NITRIC OXIDE	9.000 PPM	8.774 PPM	G1	+/- 1.2% NIST Traceable	05/21/2025, 05/29/2025
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12062802	CC365313	9.82 PPM CARBON MONOXIDE/NITROGEN	1.0%	Dec 04, 2025
NTRM	16010123	ND50093	9.95 PPM NITRIC OXIDE/NITROGEN	1.0%	Jun 07, 2026
NTRM	16010123	ND50093-NOX	9.95 PPM NOx/NITROGEN	0.6%	Jun 07, 2026

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Apr 30, 2025
Thermo 42iQLS 12322829426 NO	Chemiluminescence	May 08, 2025
Thermo 42iQLS 12322829426 NOx	Chemiluminescence	May 08, 2025

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas Specialty Gases
Airgas USA LLC
12722 S. Wentworth Ave.
Chicago, IL 60628
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: CERTIFIED STANDARD-SPEC

Part Number:	X03NI99C15A15L1	Reference Number:	54-403029558-1
Cylinder Number:	EB0162522	Cylinder Volume:	144.0 CF
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2015 PSIG
Analysis Date:	May 03, 2024	Valve Outlet:	705
Lot Number:	54-403029558-1		

Expiration Date: May 03, 2026

Product composition verified by direct comparison to calibration standards traceable to N.I.S.T. weights and/or N.I.S.T. Gas Mixture reference materials.

ANALYTICAL RESULTS

Component	Req Conc	Actual Concentration (Mole %)	Analytical Uncertainty
SULFUR HEXAFLUORIDE	10.00 PPM	10.25 PPM	+/- 5%
AMMONIA	100.0 PPM	102.7 PPM	+/- 2%
NITROGEN	Balance		

Signature on file

Approved for Release

Airgas Specialty Gases
Airgas USA LLC
11711 S. Alameda Street
Los Angeles, CA 90059
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI54E15A0007	Reference Number:	48-403265303-1
Cylinder Number:	CC282467	Cylinder Volume:	122.9 CF
Laboratory:	124 - Los Angeles - CA	Cylinder Pressure:	1508 PSIG
PGVP Number:	B32025	Valve Outlet:	590
Gas Code:	CO2,O2,BALN	Certification Date:	Feb 20, 2025

Expiration Date: Feb 20, 2033

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
OXYGEN	18.00 %	17.94 %	G1	+/- 0.4% NIST Traceable	02/20/2025
CARBON DIOXIDE	28.00 %	28.07 %	G2	+/- 0.6% NIST Traceable	02/20/2025
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	110606	CC338457	14.93 % OXYGEN/NITROGEN	+/- 0.20 %	Nov 02, 2028
NTRM	06011816	K026476	23.04 % CARBON DIOXIDE/NITROGEN	+/-0.5%	Apr 19, 2028

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
SIEMENS 6E CO2	NDIR	Feb 03, 2025
SIEMENS OXYMAT 6	PARAMAGNETIC	Jan 27, 2025

Triad Data Available Upon Request

Signature on file
Approved for Release

Airgas
an Air Liquide company

Airgas Specialty Gases
Airgas USA LLC
9810 BAY AREA BLVD
Pasadena, TX 77507
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15A4184	Reference Number:	163-402880122-1
Cylinder Number:	CC482027	Cylinder Volume:	144.0 CF
Laboratory:	124 - Pasadena (SG06) - TX	Cylinder Pressure:	2015 PSIG
PGVP Number:	A32023	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Nov 07, 2023

Expiration Date: Nov 07, 2026

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	37.00 PPM	37.95 PPM	G1	+/- 1.4% NIST Traceable	10/31/2023, 11/07/2023
NITRIC OXIDE	37.00 PPM	37.89 PPM	G1	+/- 1.4% NIST Traceable	10/31/2023, 11/07/2023
CARBON MONOXIDE	70.00 PPM	70.97 PPM	G1	+/- 0.9% NIST Traceable	10/31/2023
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM/GMIS	160101	ND47940	9.95 PPM NITRIC OXIDE/NITROGEN	+/-1.0	Jun 07, 2026
NTRM	010104-17	1D006278	99.8 PPM PROPANE/	0.6%	May 03, 2024
NTRM/GMIS	160101	ND47940-NOX	9.95 PPM NOx/NITROGEN	+/-0.6	Jun 07, 2026
NTRM	06010611	1D004704	7.016 % CARBON DIOXIDE/NITROGEN	+/-0.5%	Nov 19, 2027
NTRM	13010204	KAL003053	246.9 PPM CARBON MONOXIDE/NITROGEN	+/-0.2%	Oct 16, 2024

The SRM, NTRM, PRM, or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
CO-M SIEMENS M5-717	NDIR	Oct 05, 2023
NO CAI 700 CLD 2012018	CHEMI	Nov 06, 2023
NOX CAI CLD 2012018	CHEMI	Nov 06, 2023

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas Specialty Gases
Airgas USA LLC
616 Miller Cut Off Road
La Porte, TX 77571
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: PRIMARY STANDARD

Customer:	ERTHWRKS - C328 BUDA, TX		
Part Number:	X02NI99P15AD524	Reference Number:	126-403206700-1
Cylinder Number:	CC43306	Cylinder Volume:	144.4 CF
Laboratory:	124 - La Porte Mix - TX	Cylinder Pressure:	2015 PSIG
Analysis Date:	Nov 26, 2024	Valve Outlet:	350
Lot Number:	126-403206700-1		

Expiration Date: Nov 26, 2032

Primary Standard Gas Mixtures are traceable to N.I.S.T. weights and/or N.I.S.T. Gas Mixture reference materials.

ANALYTICAL RESULTS

Component	Req Conc	Actual Concentration (Mole %)	Analytical Uncertainty
ETHYLENE	100.0 PPM	100.4 PPM	± 1%
NITROGEN	Balance		

Signature on file

Approved for Release