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October 30, 2025

## NOTICE OF INTENT TO FILE 2025 Q3 Compliance Report for the Malburg Generating Station (01-AFC-25C)

Dear Dr. Ali:

Attached please find the Quarterly Compliance Report for the Malburg Generating Station (01-AFC-25C), covering the operational period of July 1, 2025, through September 30, 2025. This report addresses all quarterly requirements identified in the Final Commission Decision for the Malburg Generating Station (Transaction Number (TN) #28746), as most recently amended on June 20, 2019, by the Errata to Staff Analysis of Petition to Amend the Final Commission Decision (TN #228444).

If you have any questions or need more information, please contact Matt Richards, Utilities Operations Manager, at MRichards@cityofvernonca.gov or (323) 583-8811 x378.

Thank you,

Todd Dusenberry

General Manager of Vernon Public Utilities

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**Document Control** 

Enclosure: MGS 2025 Q3 Compliance Report

## **Jacobs**

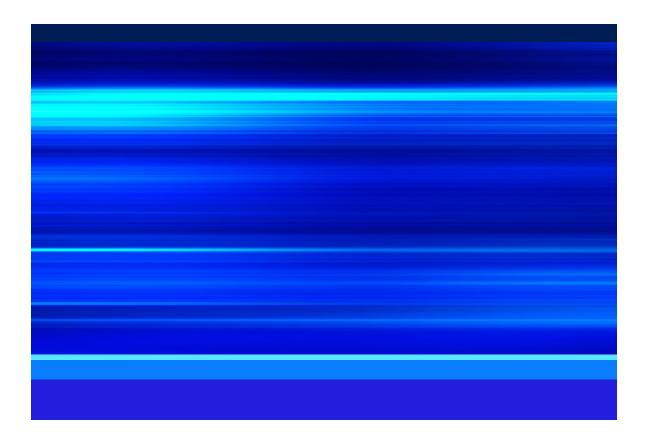
# Malburg Generating Station Quarterly Compliance Report (Third Quarter 2025)

Submitted to California Energy Commission

Submitted by City of Vernon, Public Utilities Department

Document no: 251029104445\_c9682e07

October 30, 2025



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## **Acronyms and Abbreviations**

CEC California Energy Commission

CEMS continuous emissions monitoring system

CO carbon monoxide

COCs Conditions of Certification

CTGs combustion turbine generators

DAHS data acquisition and handling system

gr/scf grain per standard cubic foot

HRSGs heat recovery steam generators

lb/day pounds per day

lb/hr pounds per hour

MGS Malburg Generating Station

NH<sub>3</sub> ammonia

NOx nitrogen oxides

PM<sub>10</sub> particulate matter with aerodynamic diameter less than or equal to 10 microns

PM<sub>2.5</sub> particulate matter with aerodynamic diameter less than or equal to 2.5 microns

ppm parts per million

ppmv parts per million by volume

ppmw parts per million by weight

QCR Quarterly Compliance Report

SOx sulfur oxides

STG steam turbine generator

TDS total dissolved solids

TN Transaction Number

VOC volatile organic compound

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## 1. Introduction

This Quarterly Compliance Report (QCR) has been prepared to meet the California Energy Commission's (CEC) quarterly reporting requirements for the Malburg Generating Station (MGS). This QCR fulfills various Conditions of Certification (COCs) described in the CEC's Final Commission Decision for the MGS (Transaction Number [TN] #28746), as most recently amended on June 20, 2019 by the Errata to Staff Analysis of Petition to Amend the Final Commission Decision (TN #228444).

## 1.1 Project Location and Description

The MGS is located at 4963 S Soto Street in Vernon, California. The property is approximately 3.4 acres in size, located in an industrial land use area near the geographic center of metropolitan Los Angeles County. MGS consists of two Siemens SGT-800 frame type natural gas combustion turbine generators (CTGs), two associated natural gas combustion duct burners, two heat recovery steam generators (HRSGs), a steam turbine generator (STG), a cooling tower, a diesel-fired emergency firewater pump, and support equipment.

The commissioning of MGS was completed in October 2005 and the power plant began commercial operation on October 17, 2005.

## 1.2 Organization of the Quarterly Compliance Report

A summary of the compliance demonstration for each applicable COC is provided in Section 2 and includes references to Appendices and Tables as appropriate.

## 2. Required Quarterly Compliance Report Documentation

COC requirements associated with this QCR are summarized in the table below.

Table 2-1. Required Quarterly Compliance Report Documentation

Condition of Certification	Response
AQ-C6	The weekly total dissolved solids (TDS) results for the third quarter of 2025 are provided in Appendix A, Table 2; the weekly sample reports collected for the same period are provided in Appendix B.
AQ-C7	Daily particulate matter with aerodynamic diameter less than or equal to 10 microns (PM <sub>10</sub> ) emissions from cooling tower operation during the third quarter of 2025 are provided in Appendix A, Tables 3 through 5. As shown, emissions were below the specified limit of 6.2 pounds per day (lb/day).
AQ-C8	Testing times for the diesel-fired emergency firewater pump during the third quarter of 2025 are provided in Appendix C, Table 2. MGS refrained from testing the diesel-fired emergency firewater pump in the same hour the CTGs were either started or shutdown.
AQ-C9	The CTG startup and shutdown details for the third quarter of 2025, including the duration and date of occurrence, are provided in Appendix C, Table 1.

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Condition of Certification	Response
AQ-C11	All ammonia (NH <sub>3</sub> ), nitrogen oxides (NOx), sulfur oxides (SOx), carbon monoxide (CO), PM <sub>10</sub> , and volatile organic compound (VOC) emissions from MGS operation during the third quarter of 2025 are provided in Appendix A, Table 1.
AQ-2	Low sulfur diesel fuel was last purchased on March 18, 2025. The fuel purchase record is provided in Appendix D and demonstrates that the fuel does not contain sulfur compounds in excess of 15 parts per million by weight (ppmw).
AQ-3	See the response for COC AQ-2.
AQ-5	Monthly emissions of CO, PM <sub>10</sub> , particulate matter with aerodynamic diameter less than or equal to 2.5 microns (PM <sub>2.5</sub> ), VOC, and SOx from CTG and duct burner operation during the third quarter of 2025 are presented in Appendix A, Tables 7 through 9. Fuel usage for each turbine-duct burner pair is provided in Appendix A, Table 6. As shown, emissions were below the monthly limits specified in Condition A63.4 of the site's Title V Permit.
AQ-6	See the response for COC AQ-C9.
AQ-9	See the response for COC AQ-C11. Additionally, quarterly NOx excess emission reports from the data acquisition and handling system (DAHS) are provided in Appendix E. As demonstrated in these reports, there were no incidents in which the maximum corrected NOx emissions concentration for either CTG exceeded the emissions concentration limit of 2.0 parts per million by volume (ppmv). All continuous emissions monitoring system (CEMS) data for MGS' CTGs are stored electronically onsite.
AQ-10	See the response for COC AQ-C11. Additionally, quarterly CO excess emission reports from the DAHS are provided in Appendix E. As demonstrated in these reports, there were no incidents in which the maximum corrected CO emissions concentration for either CTG exceeded the emissions concentration limit of 2.0 ppmv. All CEMS data for MGS' CTGs are stored electronically onsite.
AQ-11	See the response for COC AQ-C11. Additionally, quarterly VOC excess emission reports from the DAHS are provided in Appendix E. As demonstrated in these reports, there were no incidents in which the maximum corrected VOC emissions concentration for either CTG exceeded the emissions concentration limit of 2.0 ppmv. All CEMS data for MGS' CTGs are stored electronically onsite.
AQ-12	See the response for COC AQ-C11. Additionally, compliance with the specified limit of 5 parts per million (ppm) is demonstrated through annual or quarterly source testing. The most recent NH <sub>3</sub> compliance source testing for CTG 1 and CTG 2 was performed on February 11 and 12, 2025. The test reports with results were submitted to the CEC on March 26, 2025, and indicated compliance with the emission limit (0.8 ppm for CTG 1 and 0.4 ppm for CTG 2). NH <sub>3</sub> emissions are also calculated via the CEMS on an hourly basis and compared to the NH <sub>3</sub> concentration limit of 5 ppm as an indicator of process functionality.

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Condition of Certification	Response
AQ-13	See the response for COC AQ-C11. Additionally, the most recent triennial compliance source tests indicated compliance with the Rule 475 particulate matter emission limits of 5 kilograms per hour (11 pounds per hour [lb/hr]) or 23 milligrams per cubic meter (0.01 grain per standard cubic foot [gr/scf]) for both CTGs (0.67 lb/hr and 0.0003 gr/scf for CTG 1 and 0.57 lb/hr and 0.0007 gr/scf for CTG 2). CTG 1 was most recently tested in July 2022; the next triennial compliance source test for CTG 1 is scheduled for November 2025 and will be conducted per the protocol submitted on May 23, 2025. CTG 2 was most recently tested on August 19 and 20, 2025; the test report with results was submitted to the CEC on September 29, 2025.
AQ-14	See the response for COC AQ-2.
AQ-15	Year-to-date hours of operation for the diesel-fired emergency firewater pump are provided in Appendix A, Table 10. As shown, the year-to-date 2025 hours for maintenance and testing did not exceed 50 hours and the total operational hours did not exceed 200 hours.
AQ-27	See the response for COC AQ-5. As shown, fuel consumption per turbine-duct burner pair did not exceed the specified limit of 405 million cubic feet per month.
AQ-36	See the responses for COCs AQ-5 and AQ-6.

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## **Appendix A MGS Emission Calculations**

Reporting Period: Quarter 3 2025

Table 1. Quarterly Emissions - July 1, 2025 through September 30, 2025

	Quarterly Emissions (lb/quarter)					
Source	NOx	CO	VOC	S0x	PM <sub>10</sub> /PM <sub>2.5</sub>	NH <sub>3</sub>
CTG 1 & Duct Burner	2,224	1,043	447	81	1,744	2,675
CTG 2 & Duct Burner	3,855	1,272	842	151	3,291	5,062
Cooling Tower					122	
Diesel Firewater Pump	37	1.07	0.27	0.02	0.24	0.06
Total	6,116	2,317	1,290	231	5,157	7,737

Reporting Period: Quarter 3 2025

Table 2. Cooling Tower Total Dissolved Solids (TDS) Sampling Results [1]

Sampling Period		
Start Date	End Date	TDS (ppm)
6/30/2025	7/6/2025	3,800
7/7/2025	7/13/2025	3,940
7/14/2025	7/20/2025	3,860
7/21/2025	7/27/2025	4,500
7/28/2025	8/3/2025	3,740
8/4/2025	8/10/2025	4,090
8/11/2025	8/17/2025	4,020
8/18/2025	8/24/2025	3,900
8/25/2025	8/31/2025	4,220
9/1/2025	9/7/2025	4,320
9/8/2025	9/14/2025	4,220
9/15/2025	9/21/2025	4,200
9/22/2025	9/28/2025	4,060
9/29/2025	10/5/2025	4,050

<sup>[1]</sup> Sampling results taken from Positive Lab's Weekly Cooling Tower Blowdown Reports, as provided in Appendix B of the QCR.

Reporting Period: July 2025

## Cooling Tower Total Dissolved Solids (TDS) Sampling Results

Data Source: Positive Lab's Weekly Cooling Tower Blowdown Reports, as provided in Appendix B of the QCR

	Period		
Sample Date	Start Date	End Date	TDS (ppm)
6/30/2025	6/30/2025	7/6/2025	3,800
7/11/2025	7/7/2025	7/13/2025	3,940
7/16/2025	7/14/2025	7/20/2025	3,860
7/22/2025	7/21/2025	7/27/2025	4,500
7/28/2025	7/28/2025	8/3/2025	3,740

## Methodology (per Condition of Certification [COC] AQ-C7)

 $PM_{10}$  Emissions (lb/day) = Circulation Rate (gal/day) x Density of Water (lb/gal) x Total Dissolved Solids (ppm) / 1,000,000 x Drift Factor (%) / 100 x Correction Factor

### **Constants**

Parameter	Value
Circulation Rate per Pump (gal/min) [1]	13,500
Number of Pumps	2
Total Circulation Rate (gal/min)	27,000
Water Density (lb/gal)	8.334
Drift Factor (%) [2]	0.0005
Correction Factor (unitless) [3]	0.2

<sup>[1]</sup> Source: M3-10 Main Circulating Water System P&ID.

<sup>[2]</sup> Per COC AQ-C4.

<sup>[3]</sup> Source: SPX Cooling Technologies' Cooling Tower Drift Mass Distribution.

## Cooling Tower Daily PM<sub>10</sub> Emissions

	Circulation Rate		PM <sub>10</sub> Emissions	Above 6.2 lb/day
Date	(gal/day) <sup>[1]</sup>	TDS (ppm)	(lb/day)	PM <sub>10</sub> Limit? [2]
7/1/2025	38,880,000	3,800	1.23	No
7/2/2025	38,880,000	3,800	1.23	No
7/3/2025	38,880,000	3,800	1.23	No
7/4/2025	38,880,000	3,800	1.23	No
7/5/2025	38,880,000	3,800	1.23	No
7/6/2025	38,880,000	3,800	1.23	No
7/7/2025	38,880,000	3,940	1.28	No
7/8/2025	38,880,000	3,940	1.28	No
7/9/2025	38,880,000	3,940	1.28	No
7/10/2025	38,880,000	3,940	1.28	No
7/11/2025	38,880,000	3,940	1.28	No
7/12/2025	38,880,000	3,940	1.28	No
7/13/2025	38,880,000	3,940	1.28	No
7/14/2025	38,880,000	3,860	1.25	No
7/15/2025	38,880,000	3,860	1.25	No
7/16/2025	38,880,000	3,860	1.25	No
7/17/2025	38,880,000	3,860	1.25	No
7/18/2025	38,880,000	3,860	1.25	No
7/19/2025	38,880,000	3,860	1.25	No
7/20/2025	38,880,000	3,860	1.25	No
7/21/2025	38,880,000	4,500	1.46	No
7/22/2025	38,880,000	4,500	1.46	No
7/23/2025	38,880,000	4,500	1.46	No
7/24/2025	38,880,000	4,500	1.46	No
7/25/2025	38,880,000	4,500	1.46	No
7/26/2025	38,880,000	4,500	1.46	No
7/27/2025	38,880,000	4,500	1.46	No
7/28/2025	38,880,000	3,740	1.21	No
7/29/2025	38,880,000	3,740	1.21	No
7/30/2025	38,880,000	3,740	1.21	No
7/31/2025	38,880,000	3,740	1.21	No

<sup>[1]</sup> Maximum daily circulation rate conservatively used to estimate PM<sub>10</sub> emissions when the cooling tower is operated for any part of the day. Circulation rate is zero for days the cooling tower is not operated at all.

<sup>[2]</sup> Daily emissions limit established in COC AQ-C7.

Reporting Period: August 2025

## Cooling Tower Total Dissolved Solids (TDS) Sampling Results

Data Source: Positive Lab's Weekly Cooling Tower Blowdown Reports, as provided in

Appendix B of the QCR

	Period		
Sample Date	Start Date	End Date	TDS (ppm)
7/28/2025	7/28/2025	8/3/2025	3,740
8/5/2025	8/4/2025	8/10/2025	4,090
8/12/2025	8/11/2025	8/17/2025	4,020
8/22/2025	8/18/2025	8/24/2025	3,900
8/25/2025	8/25/2025	8/31/2025	4,220

## Methodology (per Condition of Certification [COC] AQ-C7)

 $PM_{10}$  Emissions (lb/day) = Circulation Rate (gal/day) x Density of Water (lb/gal) x Total Dissolved Solids (ppm) / 1,000,000 x Drift Factor (%) / 100 x Correction Factor

## **Constants**

Value		
12 500		
13,500		
2		
27,000		
21,000		
8.334		
0.0005		
0.2		
0.2		

<sup>[1]</sup> Source: M3-10 Main Circulating Water System P&ID.

<sup>&</sup>lt;sup>[2]</sup> Per COC AQ-C4.

<sup>[3]</sup> Source: SPX Cooling Technologies' Cooling Tower Drift Mass Distribution.

## Cooling Tower Daily PM<sub>10</sub> Emissions

	Circulation Rate		PM <sub>10</sub> Emissions	Above 6.2 lb/day PM <sub>10</sub>
Date	(gal/day) <sup>[1]</sup>	TDS (ppm)	(lb/day)	Limit? [2]
8/1/2025	38,880,000	3,740	1.21	No
8/2/2025	38,880,000	3,740	1.21	No
8/3/2025	38,880,000	3,740	1.21	No
8/4/2025	38,880,000	4,090	1.33	No
8/5/2025	38,880,000	4,090	1.33	No
8/6/2025	38,880,000	4,090	1.33	No
8/7/2025	38,880,000	4,090	1.33	No
8/8/2025	38,880,000	4,090	1.33	No
8/9/2025	38,880,000	4,090	1.33	No
8/10/2025	38,880,000	4,090	1.33	No
8/11/2025	38,880,000	4,020	1.30	No
8/12/2025	38,880,000	4,020	1.30	No
8/13/2025	38,880,000	4,020	1.30	No
8/14/2025	38,880,000	4,020	1.30	No
8/15/2025	38,880,000	4,020	1.30	No
8/16/2025	38,880,000	4,020	1.30	No
8/17/2025	38,880,000	4,020	1.30	No
8/18/2025	38,880,000	3,900	1.26	No
8/19/2025	38,880,000	3,900	1.26	No
8/20/2025	38,880,000	3,900	1.26	No
8/21/2025	38,880,000	3,900	1.26	No
8/22/2025	38,880,000	4,020	1.30	No
8/23/2025	38,880,000	4,020	1.30	No
8/24/2025	38,880,000	4,020	1.30	No
8/25/2025	38,880,000	4,220	1.37	No
8/26/2025	38,880,000	4,220	1.37	No
8/27/2025	38,880,000	4,220	1.37	No
8/28/2025	38,880,000	4,220	1.37	No
8/29/2025	38,880,000	4,220	1.37	No
8/30/2025	38,880,000	4,220	1.37	No
8/31/2025	38,880,000	4,220	1.37	No

<sup>[1]</sup> Maximum daily circulation rate conservatively used to estimate PM<sub>10</sub> emissions when the cooling tower is operated for any part of the day. Circulation rate is zero for days the cooling tower is not operated at all.

<sup>[2]</sup> Daily emissions limit established in COC AQ-C7.

Reporting Period: September 2025

## Cooling Tower Total Dissolved Solids (TDS) Sampling Results

Data Source: Positive Lab's Weekly Cooling Tower Blowdown Reports, as provided in Appendix B of the QCR

	Period	Period							
Sample Date	Start Date	End Date	TDS (ppm)						
8/25/2025	8/25/2025	8/31/2025	4,220						
9/3/2025	9/1/2025	9/7/2025	4,320						
9/8/2025	9/8/2025	9/14/2025	4,220						
9/17/2025	9/15/2025	9/21/2025	4,200						
9/22/2025	9/22/2025	9/28/2025	4,060						
9/29/2025	9/29/2025	10/5/2025	4,050						

## Methodology (per Condition of Certification [COC] AQ-C7)

PM<sub>10</sub> Emissions (lb/day) = Circulation Rate (gal/day) x Density of Water (lb/gal) x Total Dissolved Solids (ppm) / 1,000,000 x Drift Factor (%) / 100 x Correction Factor

## Constants

Constants	
Parameter	Value
Circulation Rate per Pump (gal/min) [1]	13,500
Number of Pumps	2
Total Circulation Rate (gal/min)	27,000
Water Density (lb/gal)	8.334
Drift Factor (%) [2]	0.0005
Correction Factor (unitless) [3]	0.2

<sup>[1]</sup> Source: M3-10 Main Circulating Water System P&ID.

<sup>[2]</sup> Per COC AQ-C4.

<sup>[3]</sup> Source: SPX Cooling Technologies' Cooling Tower Drift Mass

Cooling Tower Daily PM<sub>10</sub> Emissions

	Circulation Rate		PM <sub>10</sub> Emissions	Above 6.2 lb/day PM <sub>10</sub>
Date	(gal/day) <sup>[1]</sup>	TDS (ppm)	(lb/day)	Limit? [2]
9/1/2025	38,880,000	4,320	1.40	No
9/2/2025	38,880,000	4,400	1.43	No
9/3/2025	38,880,000	4,400	1.43	No
9/4/2025	38,880,000	4,400	1.43	No
9/5/2025	38,880,000	4,400	1.43	No
9/6/2025	38,880,000	4,320	1.40	No
9/7/2025	38,880,000	4,320	1.40	No
9/8/2025	38,880,000	4,220	1.37	No
9/9/2025	38,880,000	4,220	1.37	No
9/10/2025	38,880,000	4,220	1.37	No
9/11/2025	38,880,000	4,220	1.37	No
9/12/2025	38,880,000	4,220	1.37	No
9/13/2025	38,880,000	4,220	1.37	No
9/14/2025	38,880,000	4,220	1.37	No
9/15/2025	38,880,000	4,200	1.36	No
9/16/2025	38,880,000	4,200	1.36	No
9/17/2025	38,880,000	4,200	1.36	No
9/18/2025	38,880,000	4,200	1.36	No
9/19/2025	38,880,000	4,200	1.36	No
9/20/2025	38,880,000	4,200	1.36	No
9/21/2025	38,880,000	4,200	1.36	No
9/22/2025	38,880,000	4,060	1.32	No
9/23/2025	38,880,000	4,060	1.32	No
9/24/2025	38,880,000	4,060	1.32	No
9/25/2025	38,880,000	4,060	1.32	No
9/26/2025	38,880,000	4,060	1.32	No
9/27/2025	38,880,000	4,060	1.32	No
9/28/2025	38,880,000	4,060	1.32	No
9/29/2025	38,880,000	4,050	1.31	No
9/30/2025	38,880,000	4,050	1.31	No

<sup>[1]</sup> Maximum daily circulation rate conservatively used to estimate PM<sub>10</sub> emissions when the cooling tower is operated for any part of the day. Circulation rate is zero for days the cooling tower is not operated at all.

 $<sup>^{\</sup>rm [2]}$  Daily emissions limit established in COC AQ-C7.

Reporting Period: Quarter 3 2025

**Table 6. Monthly Turbine-Duct Burner Fuel Flow** 

	July		August		September		
				Above 405		Above 405	
	Fuel Flow	MMscf/month	Fuel Flow	MMscf/month	Fuel Flow	MMscf/month	
Source	(MMscf/month) [1]	Limit? [2]	(MMscf/month) <sup>[1]</sup>	Limit? [2]	(MMscf/month) [1]	Limit? [2]	
CTG 1	53.5		50.8		182		
CTG 1 Duct Burner	0.14		0.88		3.04		
Total CTG 1 & Duct Burner	53.7	No	51.6	No	185	No	
CTG 2	203		247		88.2		
CTG 2 Duct Burner	0.17		6.51		2.53		
Total CTG 2 & Duct Burner	203	No	254	No	90.7	No	

<sup>[1]</sup> CTG and Duct Burner fuel flow data obtained from 'U1/U2\_MonthlySummary\_MassEmissionsAndFuel' and 'All\_12MonthSummary\_GasUsage' RegPerfect Reports.

Table 7. Monthly Emissions - July 2025

	Monthly Emissions (l	onthly Emissions (lb/month) [1]										
Source	NOx <sup>[2]</sup>	CO	VOC	SOx	PM <sub>10</sub> /PM <sub>2.5</sub>	NH <sub>3</sub> <sup>[3]</sup>						
CTG 1 & Duct Burner	420	179	83	15	323	490						
CTG 2 & Duct Burner	1,416	460	312.4	55.6	1,220	1,848						
Monthly Emission Limits [4]	N/A	7,633	3,236	227	4,876	N/A						
Exceeds Limit?	N/A	No	No	No	No	N/A						

<sup>[1]</sup> Unless otherwise noted, monthly emissions data obtained from 'U1/U2\_MonthlySummary\_MassEmissionsAndFuel' RegPerfect Report.

<sup>[2]</sup> Monthly fuel flow limit is per Condition of Certification (COC) AQ-27.

<sup>[2]</sup> Monthly NOx emissions are as submitted to SCAQMD, based on the 'U1\_U2MonthlyRECLAIMNOxSummaryByDay' RegPerfect Report.

Monthly NH<sub>3</sub> emissions are calculated using monthly fuel usage and default emission factors from the SCAQMD's AER Combustion Default Emission Factors - December 2024. The emission factors are 9.1 lbs/MMscf and 18.0 lbs/MMscf for the CTGs and Duct Burners, respectively.

<sup>[4]</sup> Monthly emission limits are per COC AQ-5.

Table 8. Monthly Emissions - August 2025

	Monthly Emissions (lb/month) [1]										
Source	NOx <sup>[2]</sup>	СО	voc	SOx	PM <sub>10</sub> /PM <sub>2.5</sub>	NH <sub>3</sub> [3]					
CTG 1 & Duct Burner	451	343	80	15	311	478					
CTG 2 & Duct Burner	1,751	527	390	70	1,525	2,366					
Monthly Emission Limits [4]	N/A	7,633	3,236	227	4,876	N/A					
Exceeds Limit?	N/A	No	No	No	No	N/A					

<sup>&</sup>lt;sup>[1]</sup> Unless otherwise noted, monthly emissions data obtained from 'U1/U2\_MonthlySummary\_MassEmissionsAndFuel' RegPerfect Report.

Table 9. Monthly Emissions - September 2025

·	Monthly Emissions (lb/month) [1]										
Source	NOx <sup>[2]</sup>	СО	voc	S0x	PM <sub>10</sub> /PM <sub>2.5</sub>	NH <sub>3</sub> <sup>[3]</sup>					
CTG 1 & Duct Burner	1,353	521	285	51	1,111	1,708					
CTG 2 & Duct Burner	688	285	140	25.1	545	848					
Monthly Emission Limits [4]	N/A	7,633	3,236	227	4,876	N/A					
Exceeds Limit?	N/A	No	No	No	No	N/A					

<sup>&</sup>lt;sup>[1]</sup> Unless otherwise noted, monthly emissions data obtained from 'U1/U2\_MonthlySummary\_MassEmissionsAndFuel' RegPerfect Report.

<sup>[2]</sup> Monthly NOx emissions are as submitted to SCAQMD, based on the 'U1\_U2MonthlyRECLAIMNOxSummaryByDay' RegPerfect Report.

<sup>[3]</sup> Monthly NH<sub>3</sub> emissions are calculated using monthly fuel usage and default emission factors from the SCAQMD's AER Combustion Default Emission Factors - December 2024. The emission factors are 9.1 lbs/MMscf and 18.0 lbs/MMscf for the CTGs and Duct Burners, respectively.

<sup>[4]</sup> Monthly emission limits are per COC AQ-5.

<sup>[2]</sup> Monthly NOx emissions are as submitted to SCAQMD, based on the 'U1\_U2MonthlyRECLAIMNOxSummaryByDay' RegPerfect Report.

<sup>[3]</sup> Monthly NH<sub>3</sub> emissions are calculated using monthly fuel usage and default emission factors from the SCAQMD's AER Combustion Default Emission Factors - December 2024. The emission factors are 9.1 lbs/MMscf and 18.0 lbs/MMscf for the CTGs and Duct Burners, respectively.

<sup>[4]</sup> Monthly emission limits are per COC AQ-5.

**Reporting Period:** 

Quarter 3 2025

Methodology

Emissions (lb/month) = Fuel Usage (gal/month) / 1,000 (gal/Mgal) x Emission Factor (lb/Mgal)

### **Emission Factors**

Pollutant	Emission Factor (lb/Mgal)	Reference
NOx	469	Emission factor provided in the facility's Title V Permit.
СО	13.62	Emission factor converted from the factor provided in the facility's Title V Permit (0.4 g/bhp-hr), based on the unit's power rating (173 hp) and maximum fuel throughput (11.2 gal/hr).
VOC	3.41	Emission factor converted from the factor provided in the facility's Title V Permit (0.1 g/bhp-hr), based on the unit's power rating (173 hp) and maximum fuel throughput (11.2 gal/hr).
SOx	0.21	Default for Diesel/Distillate Oil, ICEs given in the SCAQMD's AER Combustion Default Emission Factors - December 2024.
PM <sub>10</sub> /PM <sub>2.5</sub>	3.065	Emission factor converted from the factor provided in the facility's Title V Permit (0.09 g/bhp-hr), based on the unit's power rating (173 hp) and maximum fuel throughput (11.2 gal/hr).
$NH_3$	0.80	Default for diesel combustion equipment without an SNCR or SCR given in the SCAQMD's AER Combustion Default Emission Factors - December 2024.

Table 10. Monthly Diesel Fire Pump Hours of Operation, Fuel Usage, and Emissions

	<b>Monthly Hours</b>	of Operation	[1]	Fuel Usage Monthly Emissions (lb/month)						
Month	Maintenance	Testing	Emergency	(gal/month) [2]	NOx	CO	VOC	SOx	PM <sub>10</sub> /PM <sub>2.5</sub>	NH <sub>3</sub>
January	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
February	0.0	7.2	0.0	80.6	37.8	1.10	0.27	0.02	0.25	0.06
March	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
April	0.0	2.5	0.0	28.0	13.1	0.38	0.10	0.01	0.09	0.02
May	0.0	1.2	0.0	13.4	6.3	0.18	0.05	0.00	0.04	0.01
June	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
July	0.0	2.5	0.0	28.0	13.1	0.38	0.10	0.01	0.09	0.02
August	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
September	0.0	2.5	0.0	28.0	13.1	0.38	0.10	0.01	0.09	0.02
Q1 Total	0.0	11.2	0.0	125.4	58.8	1.7	0.4	0.0	0.4	0.1
Q2 Total	0.0	5.7	0.0	63.8	29.9	0.9	0.2	0.0	0.2	0.1
Q3 Total	0.0	7.0	0.0	78.4	36.8	1.1	0.3	0.0	0.2	0.1
Annual Total	0.0	23.9	0.0	267.7	125.5	3.6	0.9	0.1	0.8	0.2
Annual Limit for Ma	aintenance and Tes	ting <sup>[3]</sup>	50							
Total A	nnual Limit <sup>[3]</sup>		200							

Exceeds Limits?

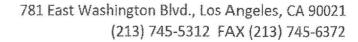
[1] Monthly hours of operation calculated from Device 385/403 run timer readings.

No

<sup>[2]</sup> Fuel usage (gal/month) calculated by multiplying the hours of operation by the unit's maximum fuel throughput (11.2 gal/hour).

<sup>[3]</sup> Annual limits for hours of operation are per Condition of Certification (COC) AQ-15.

## **Appendix B Cooling Tower Blowdown Reports**





July 02, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2506243

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on June 30, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

V



781 East Washington Blvd., Los Angeles, CA 90021 (213) 745-5312 FAX (213) 745-6372

## **Certificate of Analysis**

Page 2 of 2

City of Vernon

Attn: Matt Richards

File #:74548

Report Date: 07/02/25 Submitted: 06/30/25

PLS Report No.: 2506243

4963 Soto St. Vernon, CA 90058

Phone: (323) 476-3626

Sample ID: Cooling Tower Blowdown Water (2506243-01) Sampled: 06/30/25 08:35 Received: 06/30/25

5.0

Prepared & Analyzed: 07/02/25

FAX:(323) 476-3640

50.0

3800

82.0

80-120

**Project:** Malburg Generating Station Weekly.

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method			Prepared	Ana	ıyzea	BA	BG50217
Total Dissolved Solids	3800		1	mg/L	5.0	-:	SM 2540C		07/02/25	07/02/25		SS	
			<b>Quality Control</b>		ol Data	Data		V					
	A LET LE					Spike	Source		%REC		RPD		
Analyte	Res	ult	PQL	U	nits	Level	Result	%REC	Limits	RPD	Limit	Q	ualifier
Batch BG50217					المراية	0 5					No.		
Blank	Prej	pared & A	nalyzed:	07/02/25	5								
Total Dissolved Solids	NE	)	5.0	m	ng/L								
LCS ·	Prej	pared & A	nalyzed:	07/02/25	5								

## **Notes and Definitions**

mg/L

Not Applicable NA

Total Dissolved Solids

Total Dissolved Solids

Duplicate

ND Analyte NOT DETECTED at or above the reported limit(s)

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Not Reported NR

MDL Method Detection Limit

**PQL** Practical Quantitation Limit

Source: 2506243-01

Authorized Signature(s)

1.26

47	POS	ITI	VE
	LABS		0 1111

## **CHAIN OF CUSTODY AND ANALYSIS REQUEST**

Alk.l		AB SI	FRVICE 781 East Was	hington B (213) 749	lvd., La 5-5312	s Angeles FAX (213	s, CA 900 3) 745-63	)21 172					FILE	DAT		25	P LAB	AGE:OF NO.:2506243
CLIENT	NAME:	CITY OF	VERNON	PROJE	CT N.	AME/NO	).	MALBU	RG GENEI	RATING ST	FATION	WEEKLY	P.O.	NO.				AIRBILL NO:
DDRES	SS:	4963 SOT	O ST. VERNON CA 90058									ANA	LYSES	REQ	UEST	ED		OBSERVED TEMP 1.5°C
PROJEC	T MANA	GER	MATT RICHARDS	PHONE	NO:			FAX	NO:									CORRECTED TEMP: 0.50
AMPLI	ER NAMI	E:	JOHN BARIE	SIGNA	ΓURE	:~												THERMO ID:
TAT (Tu	rn-Aroun	ıd-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC.	.) N=Nor	mal											
CONTA	NER TY	PES: B=B	rass; E=Encore/Easy Draw; P	=Plastic;	G=G	lass; V=	=VOA V	/ial; (	D=Oth	er								
JST PRO	OJECT:	Y N	GLOBAL ID#:															
SAMPLE	DATE	TIME	SAMPLE DESCRIPTION		_	TRIX		TAT			TDS							SAMPLE CONDITIONS/
ID				WATER	SOIL	SLUDGE	OTHER		#	TYPE	T		-	-	-			CONTAINER/COMMENTS
	3302	0835	COOLING TOWER BLOWDOWN	X				N	1	P	X	_	-		_			
														_				
Relinquis	hed by (S	ignature&	Name):	Received by (Signature & Name):				Date:		Time:		SAMPLE DISPOSITION  1. Samples returned to client? Yes No						
Relinquis	hed by (S	ignature&	Name):					Date:		Time	e:	2. Samples will not be stored over 30 days,			Ill not be stored over 30 days,			
							unless additional storage time is requested					nal storage time is requested						

Date:

Time:

3. Storage time requested:

Received by (Signature & Name):

SPECIAL INSTRUCTION:

Relinquished by (Signature& Name):

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER

Arrived at the lab 630 W DEST



July 21, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2507058

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on July 11, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



781 East Washington Blvd., Los Angeles, CA 90021 (213) 745-5312 FAX (213) 745-6372

## **Certificate of Analysis**

Page 2 of 2

City of Vernon

Attn: Matt Richards

File #:74548

Report Date: 07/21/25 Submitted: 07/11/25

PLS Report No.: 2507058

4963 Soto St. Vernon, CA 90058

Phone: (323) 476-3626

FAX:(323) 476-3640

Project: Malburg Generating Station Weekly

vdown wat	er (250	7058-0	1) Sam	pled: 07	7/11/25 08	3:20 Received	: 07/11/25		1	
Results	Flag	D.F.	Units	PQL	Prep/T	est Method	Prepared	Analyzed	Ву	Batch
3940		1	mg/L	5.0	•	SM 2540C	07/18/25	07/18/25	<b>S</b> 5	BG51816
	Results	Results Flag	Results Flag D.F.	Results Flag D.F. Units	Results Flag D.F. Units PQL	Results Flag D.F. Units PQL Prep/T	Results Flag D.F. Units PQL Prep/Test Method	3	Results Flag D.F. Units PQL Prep/Test Method Prepared Analyzed	Results Flag D.F. Units PQL Prep/Test Method Prepared Analyzed By

## Quality Control Data

		A PROPERTY OF		100					HINE TO	THE PLANT	TO THE PARTY
					Spike	Source		%REC		RPD	
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BG5181	6						ii (je)				h n
Blank		Prepared &	Analyzed: 07	/18/25							
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared &	Analyzed: 07	/18/25							
Total Dissolve	d Solids	53.0	5.0	mg/L	50.0		106	80-120			
Duplicate	Source: 2507094-01	Prepared &	Analyzed: 07	/18/25							
Total Dissolve	Total Dissolved Solids		5.0	mg/L		755			0.660	5	

## **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit Practical Quantitation Limit PQL

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Rick Owen Parlie

4	3	O	SI	TI	V	F
rilla II	7 -	AB			_	

## CHAIN OF CUSTODY AND ANALYSIS REQUEST

rilmi.		AB SI	781 East Was	hington Bl (213) 74!	lvd., La 5-5312	s Angeles FAX (213	s, CA 900 8) 745-63	121 172					FILE	DATE: E NO.:	7-11-25		PAGE: 1 OF
CLIENT	NAME:	CITY OF	VERNON	PROJE	CT N	AME/NO	).	MALBU	RG GENEI	RATING S	TATION	WEEKLY	P.O.	NO.			AIRBILL NO:
ADDRE	SS:	4963 SOT	TO ST. VERNON CA 90058									ANA	LYSES	REQUI	ESTED		OBSERVED TEMP 1. 9°C
PROJE	CT MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:								CORRECTED TEMP: Q.902
SAMPL	ER NAMI	E:	JOHN BARIE	SIGNA	TURE	: 5											THERMO ID
TAT (T	ırn-Aroun	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC	.) N=Nor	mal										
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic;	G=G	lass; V=	=VOA V	/ial; (	O=Othe	er							
		Y N	GLOBAL ID#:														
SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	WATER	SOIL	TRIX	OTHER	TAT	CONT.	AINER	TDS						SAMPLE CONDITIONS/ CONTAINER/COMMENTS
ш	711:4	องขอ	COOLING TOWER BLOWDOWN	X	SOIL	SECOGE	OTHER	N	1	P	Х		_	++	_	+	CONTAINER/COMMENTS
	11114		COOLING TOWER BLOWDOWN	A				14	1		Λ						
																_	
																1	
																1	
															$\dashv$	1	
^	shed by (S	ignature&	Name):	1	d by (S	Signature	& Name	e):			Date:		Tim	e: JBV~			E DISPOSITION eturned to client? Yes No
Relinqui	shed by (S	ignature&	Name):	W 4 //					Date: Time:				vill not be stored over 30 days, onal storage time is requested				
Relinqui	Relinquished by (Signature& Name):					Received by (Signature & Name): Date					Date: Time:				3. Storage time requested:days,  By: Date:		
SPECIA	L INSTR	UCTION:															

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



July 21, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2507082

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on July 16, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



781 East Washington Blvd., Los Angeles, CA 90021 (213) 745-5312 FAX (213) 745-6372

## **Certificate of Analysis**

Page 2 of 2

City of Vernon

File #:74548

4963 Soto St. Vernon, CA 90058 Report Date: 07/21/25 Submitted: 07/16/25

Phone: (323) 476-3626 Attn: Matt Richards FAX:(323) 476-3640 PLS Report No.: 2507082

**Project:** Malburg Generating Station Weekly

			A, Duill	hien. o	, TOI	25 08:15 Received:	0//10/25			
Results	Flag	D.F.	Units	PQL	P	rep/Test Method	Prepared	Analyzed	Ву	Batch
3860		1	mg/L	5.0	-	SM 2540C	07/18/25	07/18/25	SS	BG51816
100 mm	Results 3860		3860 1	<b>3860</b> 1 mg/L		3860 1 mg/L 5.0 -	3860 1 mg/L 5.0 - SM 2540C	3860 1 mg/L 5.0 - SM 2540C 07/18/25	3860 1 mg/L 5.0 - SM 2540C 07/18/25 07/18/25	3860 1 mg/L 5.0 - SM 2540C 07/18/25 07/18/25 ss

## Quality Control Data

Annheto		Danish	nou	3 dastha	Spike	Source	W DEC	%REC	000	RPD	0
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BG5181	6		1. "	PACE DE				1			
Blank		Prepared &	Analyzed: 07	/18/25							
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared &	Analyzed: 07	/18/25							
Total Dissolve	d Solids	53.0	5.0	mg/L	50.0		106	80-120			
Duplicate	Source: 2507094-01	Prepared &	Analyzed: 07	/18/25							
Total Dissolve	Total Dissolved Solids		5.0	mg/L		755			0.660	5	

## **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit **PQL** Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Rick Owen Parlie

4		PO	SI	TI	VE
MAL	1	LAB	SE	RV	ICE

## CHAIN OF CUSTODY AND ANALYSIS REQUEST

14/4		BSI	781 East Was	Washington Blvd., Los Angeles, CA 90021 [213] 745-5312 FAX [213] 745-6372						DATE: 176-25 PAGE: 1 OF FILE NO.: 2507-082										
ATTEMPT		VD 3	EKVICE	(= )									FILI	E NO.:			LAB	NO.:	25070	82
LIENT	NAME:	CITY OF	VERNON	PROJE	CT N	AME/NO	).	MALBU	RG GENEI	RATING ST	TATION	WEEKLY	P.O	NO.				AIRBILI	L NO:	
DDRES	SS:	4963 SOT	O ST. VERNON CA 90058									ANA	LYSES	REQ	UEST	ED			VED TEMP_	
ROJEC	T MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORRE	CTED TEMP	:0-5°C
AMPLI	ER NAMI	E:	JOHN BARIE	SIGNA	TURE	: ~	-											THERM	0 ID: 67	
AT (Tu	rn-Aroun	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC.	.) N=Nor	mal													
ONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																				
ST PRO	T PROJECT: Y N GLOBAL ID#:																			
AMPLE	DATE	TIME	SAMPLE DESCRIPTION		_	TRIX		TAT			TDS								E CONDITIO	
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	TYPE	T	-	+	+	-			CONTA	INER/COMM	IENTS
	7-16-05	COOLING TOWER BLOWDOWN	X				N	1	P	X		_	_							
	1/6-7 50																			
		-																		
elinauis	shed by (S	ignature&	Name):	Received by (Signature & Name):					Date:		Tim	e:		SAM	PLE	DISPOS	SITION			
	linquished by (Signature& Name):					Bare				7	1621	/	ć	185		1. Sam	ples ret	turned to c	client? Yes No	0
elinquis	nquished by (Signature& Name):									Date:		Tim	e:		2. Sam	ples wi	ill not be s	tored over 30	days,	
•	imquisited by (bigilitative Ivanio).				- `	-										unless additional storage time is requested			ested	
elinquis	linquished by (Signature& Name):				d by (S	Signature	& Name	e):						3. Stor	rage time requested:days,					
•	inquished by (Signature& Name).				Received by (Signature & Name): D											Ru: Dote:				

SPECIAL INSTRUCTION:

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



July 28, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2507131

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on July 22, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



781 East Washington Blvd., Los Angeles, CA 90021 (213) 745-5312 FAX (213) 745-6372

## **Certificate of Analysis**

Page 2 of 2

City of Vernon 4963 Soto St.

File #:74548 Report Date: 07/28/25 Submitted: 07/22/25

PLS Report No.: 2507131

Vernon, CA 90058

Attn: Matt Richards

Phone: (323) 476-3626

FAX:(323) 476-3640

**Project:** Malburg Generating Station Weekly

Sample ID: Cooling Tower E	Blowdown Wat	er (250	7131-0	1) Sam	pled: 0	7/22/25 0	8:25 Received	: 07/22/25			
Analyte	Results	Flag	D.F.	Units	PQL	Prep/	Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4500		1	mg/L	5.0	-	SM 2540C	07/24/25	07/25/25	SS	BG52516
			_		~	I Data					

## Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG5251	6		NUMBER OF								
Blank		Prepared: 0	7/24/25 Ana	lyzed: 07/25	/25						
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared: 0	7/24/25 Ana	lyzed: 07/25	/25						
Total Dissolve	d Solids	49.0	5.0	mg/L	50.0		98.0	80-120			
Duplicate	Source: 2507132-01	Prepared: 0	7/24/25 Ana	lyzed: 07/25	/25						
Total Dissolve	Total Dissolved Solids		5.0	mg/L		2180			1.46	5	

## **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit

**PQL** Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Rick Owen Parlier

40	POSITIVE
, railed	LAB SERVICE

## CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021 [213] 745-5312 FAX [213] 745-6372											DATE: 7226 PAGE: 1 OF								
人都大儿	LA	AB SI	ERVICE	[213] 74:	)-531Z	FAX (213	ij / 45-63	12					FILE	NO.:_		LA:	B NO.:_	2507131	
LIENT	NT NAME: CITY OF VERNON PROJECT NAME/NO. MALBURG GENERATING STAT											WEEKLY	P.O.	NO.			AIRBII	LL NO:	
DDRE	SS:	4963 SOT	TO ST. VERNON CA 90058								ANALYSES REQUESTED						OBSER	EVED TEMP 1. 4"	
ROJEC	T MANA	GER	MATT RICHARDS	PHONE NO:					FAX NO:								CORRI	ECTED TEMP: Dily	
AMPL	ER NAMI	E:	JOHN BARIE	SIGNAT	TURE	7	-										THERN	ио ID: <u></u>	
AT (Tı	ırn-Arour	ıd-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	ŒTC.	) N=Nor	mal												
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic;	G=G	lass; V=	-VOA V	'ial; (	D=Oth	er									
ST PR	OJECT:	Y N	GLOBAL ID#:																
AMPLE	DATE	TIME	SAMPLE DESCRIPTION		MA	TRIX		TAT	CONT	AINER	TDS		1				SAMPI	LE CONDITIONS/	
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	TYPE	11						CONTA	AINER/COMMENTS	
	7224	825	COOLING TOWER BLOWDOWN	X				N	1	P	X								
Relingui	shed by (S	ignature&	Name):	Receive	d by (S	ignature	& Name	e):			Date:		Time	9:		SAMPLI	E DISPO	SITION	
					in, Ba			,		-	7-121S		082			Samples returned to client? Yes No			
Relinquished by (Signature& Name):						ignature	& Name	e):			Date:		Time:			2. Samples will not be stored over 30 days,			
					. ,												additional storage time is requested		
Relinquished by (Signature& Name):				Received by (Signature & Name):							Date:		Time	Time:		3. Storage time requested:days,			
																Ву:	Da	ate:	
PECIA	L INSTR	UCTION:																	

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



August 04, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2507160

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on July 28, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



781 East Washington Blvd., Los Angeles, CA 90021 (213) 745-5312 FAX (213) 745-6372

## **Certificate of Analysis**

Page 2 of 2

City of Vernon

Attn: Matt Richards

File #:74548

Report Date: 08/04/25 Submitted: 07/28/25

PLS Report No.: 2507160

4963 Soto St. Vernon, CA 90058

Phone: (323) 476-3626

FAX:(323) 476-3640

**Project: Malburg Generating Station Weekly** 

Sample ID: Cooling Tower B	Blowdown Wat	er (250	7160-0	1) Sam	pled: 07	7/28/25	08:35 Received	: 07/28/25			
Analyte	Results	Flag	D.F.	Units	PQL	Prep	/Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	3740		1	mg/L	5.0		SM 2540C	07/31/25	08/01/25	SS	BH50110
			_								

## Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BH5011	0										
Blank		Prepared: 0	7/31/25 Ana	lyzed: 08/01	/25						
Total Dissolved Solids		ND	5.0	mg/L							
LCS		Prepared: 0	7/31/25 Ana	lyzed: 08/01	/25						
Total Dissolved Solids		47.0	5.0	mg/L				80-120			
Duplicate	Source: 2507169-01	Prepared: 0	7/31/25 Ana	lyzed: 08/01	/25						
Total Dissolved Solids		953	5.0	mg/L		960			0.697	5	

## **Notes and Definitions**

Not Applicable NA

Analyte NOT DETECTED at or above the reported limit(s) ND

NR Not Reported

MDL Method Detection Limit

**PQL** Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Fick Owen Parleis

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## CHAIN OF CUSTODY AND ANALYSIS REQUEST

rah.l.		VB SI	FRVICE 781 East Was	hington Bl (213) 749	lvd., Lo 5-5312	s Angeles FAX (213	, CA 900 ) 745-63	21 72					FIL	DAT E NO.:	150			NO.: 2507/40		
LIENT	NAME:	CITY OF	VERNON	PROJECT NAME/NO. MALBURG GENERATING ST													AIRBILL NO:			
DDRES	SS:	4963 SOT	TO ST. VERNON CA 90058									ANALYSES REQUESTED						OBSERVED TEMP 1.12		
ROJEC	T MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORRECTED TEMP: 0.1'c		
AMPLI	ER NAMI	C:	JOHN BARIE	SIGNA	TURE	- Po												THERMO ID:		
AT (Tu	rn-Aroun	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC.	) N=Nor	mal													
ONTA	INER TY	PES: B=B	rass; E=Encore/Easy Draw; P	=Plastic;	G=G	lass; V=	VOA V	'ial; (	O=Oth	er										
	OJECT:	Y N	GLOBAL ID#:																	
AMPLE	DATE	TIME	SAMPLE DESCRIPTION			TRIX	A	TAT		AINER	TDS							SAMPLE CONDITIONS/		
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	ТҮРЕ		+	-	+-				CONTAINER/COMMENTS		
	7.28.25	0055	COOLING TOWER BLOWDOWN	X				N	1	P	X	-	_							
										-		$\rightarrow$	+	-						
elinquished by (Signature& Name):				Receive	d by (S	ignature	& Name	e):				Date:		Time:			SAMPLE DISPOSITION			
				な J						7	wi	5	UG	35		1. Sam	Samples returned to client? Yes No			
elinquished by (Signature& Name):				- 1	ignature	& Name	e):			Date:					2. Samples will not be stored over 30 days,					
																	unless additional storage time is requested			
elinquished by (Signature& Name):			Receive	d by (S	Signature	& Nam	e):			Date:		Tim	ie:		3. Storage time requested:days,					

Date:

SPECIAL INSTRUCTION:

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



August 11, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2508015

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on August 05, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



#### **Certificate of Analysis**

Page 2 of 2

City of Vernon

Attn: Matt Richards

File #:74548

Report Date: 08/11/25 Submitted: 08/05/25

PLS Report No.: 2508015

4963 Soto St. Vernon, CA 90058

Phone: (323) 476-3626

FAX:(323) 476-3640

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower B	Blowdown Wat	ter (250	8015-0	1) Sam	pled: 08	3/05/25	08:20 Received	: 08/05/25			
Analyte	Results	Flag	D.F.	Units	PQL	Prep	/Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4090		1	mg/L	5.0		SM 2540C	08/08/25	08/08/25	SS	BH50819
			0	ality (	ontro	ol Data					

#### Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BH5081	.9			4-7-11			a p				
Blank		Prepared &	Analyzed: 08	/08/25							
Total Dissolve	ed Solids	ND	5.0	mg/L							
LCS		Prepared &	Analyzed: 08	/08/25							
Total Dissolve	ed Solids	51.0	5.0	mg/L	50.0		102	80-120			
Ouplicate Source: 2508015-01		Prepared &	Analyzed: 08	/08/25							
Total Dissolve	ed Solids	3960	5.0	mg/L		4090			3.23	5	

#### **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit

PQL Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Fick Owen Parlier

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Alle	LAB SERVICE	

#### CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE:8ちてう PAGE: (OF/

781 East Washington Blvd., Los Angeles, CA 90021 [213] 745-5312 FAX [213] 745-6372

Madialic P					FILE NO.: LAB NO.: 2508					NO.: 2508013									
LIENT	IENT NAME: CITY OF VERNON PROJECT NAME/NO. MALBURG GENE											WEEKL	Y	P.O.N	Ю.				AIRBILL NO:
DDRES	SS:	4963 SOT	TO ST. VERNON CA 90058									AN	IALY	SES	REQU	JEST	ED		OBSERVED TEMP
ROJEC	T MANA	GER		PHONE				FAX I	NO:										CORRECTED TEMP 2.60
AMPLI	ER NAMI	C:	JOHN BARIE	SIGNAT	ΓURE	الم:													CORRECTED TEMP P.6°C THERMO ID: 67
AT (Tu	rn-Aroun	d-Time):	0=Same Day; 1=24 Hour; 2=4				mal												
ONTA	NTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																		
ST PRO	DJECT:	Y N	GLOBAL ID#:																
ST PROJECT: Y N GLOBAL ID#:										AINER	S								SAMPLE CONDITIONS/
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER	1	#	TYPE	TDS								CONTAINER/COMMENTS
	8312	0820	COOLING TOWER BLOWDOWN	х				N	1	Р	Х								
elinquis	elinquished by (Signature & Name):									Date:			Time			SAMPLE DISPOSITION			
	/M		Z	7 6						Ę	3-921			082	٠		1. Samı	ples re	turned to client? Yes No

Relinquished by (Signature& Name): Received by (Signature & Name): Time: Date: 2. Samples will not be stored over 30 days, unless additional storage time is requested Relinquished by (Signature& Name): Received by (Signature & Name): Time: Date: 3. Storage time requested: \_ Date:

SPECIAL INSTRUCTION:

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



August 19, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2508075

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on August 12, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

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If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



#### **Certificate of Analysis**

Page 2 of 2

City of Vernon

File #:74548

4963 Soto St. Vernon, CA 90058 Report Date: 08/19/25 Submitted: 08/12/25

PLS Report No.: 2508075

Attn: Matt Richards

Phone: (323) 476-3626

FAX:(323) 476-3640

Project: Malburg Generating Station Weekly

Analyte	Results	Flag	D.F.	Units	PQL	Prep	/Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4020		1	mg/L	5.0	-	SM 2540C	08/18/25	08/19/25	SS	BH5191
			Qı	uality (	Contro	ol Data					

Analyte	HELT ENGLIS	Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BH5191	3			N. T. LAND					THE E		
Blank		Prepared: 0	8/18/25 Ana	lyzed: 08/19	/25						
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared: 0	8/18/25 Ana	lyzed: 08/19	/25						
Total Dissolve	d Solids	50.0	5.0	mg/L	50.0		100	80-120			
Duplicate	Source: 2508085-03	Prepared: 0	8/18/25 Ana	lyzed: 08/19	/25						
Total Dissolve	Total Dissolved Solids		5.0	mg/L		435			0.385	5	

#### **Notes and Definitions**

Not Applicable NA

Analyte NOT DETECTED at or above the reported limit(s) ND

NR Not Reported

MDL Method Detection Limit PQL Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Fick Owen Parlie

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All hall	LAB	SE	RV	TCE

# CHAIN OF CUSTODY AND ANALYSIS REQUEST

3.4		00						DATE	:8	124	P	AGE:1_ OF						
MUZIE I	LA	AB S					FILE	NO.:_		I	LAB	NO.: 2508075						
CLIENT	NAME:	CITY OF	FVERNON	PROJE	CT N.	AME/NO	).	MALBU	RG GENE	RATING S	TATION '	WEEKLY	P.O.	NO.				AIRBILL NO:
DDRE	SS:	4963 SOT	TO ST. VERNON CA 90058									ANA	LYSES	REQU	EST	ED		OBSERVED TEMP [.] OL
ROJEC	CT MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORRECTED TEMP: D:すい THERMO ID:
AMPL]	ER NAMI	Ξ:	JOHN BARIE	SIGNA	TURE	: 4												THERMO ID:
TAT (Tu	rn-Aroun	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	ŒTC.	) N=Nor	mal											
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; F	=Plastic;	; G=G	lass; V=	•VOA V	'ial; (	)=Oth	er								
JST PR	T PROJECT: Y N GLOBAL ID#:																	
SAMPLE																		SAMPLE CONDITIONS/
ID													_	-				CONTAINER/COMMENTS
	8-12-15	OBRO	COOLING TOWER BLOWDOWN	N X N 1 P 2														
														$\Box$		$\Box$		
													-					
	Received by (Signature & Name):  Received by (Signature & Name):										Date:		Tim		SAMPLE DISPOSITION  1. Samples returned to client? Yes No			
Relinquished by (Signature & Name): Received by (Signature &							& Name	k Name): Date:				Tim	e:				1 not be stored over 30 days, al storage time is requested	
Relinqui	shed by (S	ignature&	Name):	Receive	d by (S	ignature	& Name	e):			Date:		Time: 3. Storage time requested:day By:Date:					
SPECIA	ECIAL INSTRUCTION:																	

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER

Arrived at the lab 8/12/7/10/10



August 28, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2508168

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on August 22, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

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If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.



#### **Certificate of Analysis**

Page 2 of 2

City of Vernon

File #:74548

Report Date: 08/28/25 Submitted: 08/22/25

PLS Report No.: 2508168

4963 Soto St. Vernon, CA 90058

Attn: Matt Richards

Phone: (323) 476-3626

FAX:(323) 476-3640

**Project:** Malburg Generating Station Weekly

Sample ID: Cooling Tower E	Blowdown Wat	er (250	8168-0	1) Sam	pled: 0	3/22/25	08:10 Received	: 08/22/25			
Analyte	Results	Flag	D.F.	Units	PQL	Prep,	Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	3900		1	mg/L	5.0	-	SM 2540C	08/26/25	08/27/25	SS	BH52722
			O	uality (	Contro	ol Data					

					Spike	Source		%REC		RPD	
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BH5272	2				e de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición dela comp	77, 4, 1					
Blank		Prepared: 0	8/26/25 Ana	lyzed: 08/27	/25						
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared: 0	8/26/25 Ana	lyzed: 08/27	/25						
Total Dissolve	d Solids	40.0	5.0	mg/L	50.0		80.0	80-120			
Duplicate	Source: 2508180-01	Prepared: 0	8/26/25 Ana	lyzed: 08/27	/25						
Total Dissolve	d Solids	4260	5.0	mg/L		4220			0.825	5	

#### **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit **PQL** Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Fick Peren Par

	<b>POSITIVE</b>
AUAL	LAB SERVICE

## CHAIN OF CUSTODY AND ANALYSIS REQUEST

	781 East Washington Blvd., Los Angeles, CA 90021 [213] 745-5312 FAX [213] 745-6372													DAT	E:_ <i>&amp;</i>	124	~ PA	AGE:	OF/_	
T. L.	LA	AB S	ERVICE	[213] 14	5-5312	FAX [Z13	oj / 45-63	172					FIL	E NO.:		1	LABN	NO.:	250810	8
CLIENT	NAME:	CITY OF	VERNON	PROJE	CT N	AME/NO	).	MALBU	RG GENE	RATING ST	TATION	WEEKLY	P.O	.NO.			A	AIRBILL	NO:	
ADDRE	SS:	4963 SOT	TO ST. VERNON CA 90058									ANA	LYSE	S REQ	UEST	TED		OBSERV	ED TEMP_	1.8ºc
PROJEC	CT MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORREC	TED TEM	. <u>0.8</u> °C
SAMPL	ER NAM	E:	JOHN BARIE	SIGNA	TURE	: L											1	THERM	) ID:	-
ΓΑΤ (Τι	ırn-Arour	ıd-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC.	.) N=Nor	mal													
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic	; G=G	lass; V=	-VOA V	/ial; (	O=Oth	er										
UST PR	ST PROJECT: Y N GLOBAL ID#:																			
SAMPLE DATE TIME SAMPLE DESCRIPTION MATRIX TAT COLUMN TO THE SAMPLED SAMPLED SAMPLED SAMPLED TATE OF THE SAMPLED SAMPL											TDS						- 1		CONDITIO	
ID	SAMPLED			WATER	SOIL	SLUDGE	OTHER		#	TYPE			+	+	_	+		CONTAI	NER/COM	MENTS
	8 mg	0010	COOLING TOWER BLOWDOWN	X				N	1	P	X		+	+		+	-			
	-												-	-		+	_			
												_		-	_	$\vdash$	_			
													_	+		$\vdash$	_			
										-					_	$\vdash$	_			
										-						$\perp$	_			
														1						
Relinqui	shed by (S	ignature&				Signature	& Nam	e):			Date:		Tin	ne:		SAMI	PLE D	OISPOS	ITION	
	M		To the state of th	اللّ -	2 Ban	è				8	3.00	28	08/0			1. Samp	oles retu	rned to cl	ient? Yes N	o
Relinquished by (Signature& Name): Received by (Signature& Name)							& Nam	e):			Date:		Tin	ne:		2. Samp	oles will	not be st	ored over 30	days,
															unless a	ddition	al storage	time is requ	ested	
Relinquished by (Signature & Name): Received by (Signature & Name):									Date:		Tin	ne:		3. Stora	ge time	requeste	i:	days,		
																Ву:		Date	):	
SPECIA	L INSTR	UCTION:																		

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



August 28, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2508180

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on August 25, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

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If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



### **Certificate of Analysis**

Page 2 of 2

City of Vernon

Attn: Matt Richards

File #:74548

Report Date: 08/28/25 Submitted: 08/25/25

PLS Report No.: 2508180

4963 Soto St. Vernon, CA 90058

Phone: (323) 476-3626

FAX:(323) 476-3640

**Project: Malburg Generating Station Weekly** 

Sample ID: Cooling Tower I	Blowdown Wat	er (250	8180-0	1) Sam	pled: 08	3/25/25 (	8:10 Received	: 08/25/25			
Analyte	Results	Flag	D.F.	Units	PQL	Prep/	Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4220		1	mg/L	5.0	-	SM 2540C	08/26/25	08/27/25	SS	BH52722
			O	uality (	Contro	ol Data					

Annheta		Donath	DOL	f Imites	Spike	Source	A/ DEC	%REC	000	RPD	0
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BH5272	2			Evy (e <sup>N</sup> )	TEXT EXT				MENTE.	Maje	
Blank		Prepared: 0	8/26/25 Ana	lyzed: 08/27	/25						
Total Dissolved	d Solids	ND	5.0	mg/L							
LCS		Prepared: 0	8/26/25 Ana	lyzed: 08/27	/25						
Total Dissolved	Solids	40.0	5.0	mg/L	50.0		80.0	80-120			
Duplicate	Source: 2508180-01	Prepared: 0	8/26/25 Ana	lyzed: 08/27	/25						
Total Dissolved	f Solids	4260	5.0	mg/L		4220			0.825	5	

#### **Notes and Definitions**

Not Applicable NA

ND Analyte NOT DETECTED at or above the reported limit(s)

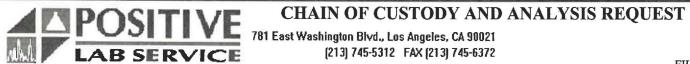
NR Not Reported

MDL Method Detection Limit **PQL** Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

Fick Oven Parlies



All All		VB S	FRVICE 781 East Was	hington B (213) 74	lvd., Lo 5-5312	s Angeles FAX (213	s, CA 900 3) 745-63	121 172						DAT	E:_ <b>8</b>	25-2	5 P	AGE: 1 OF 1 NO.: 2508180
			VERNON			AME/NO			DC CENE	RATING ST	ration:	WEEKI V	P.O.					AIRBILL NO:
ADDRE			TO ST. VERNON CA 90058	TROOL	<u> </u>	21111111111	·	MADDO	KO GENE	KATING S	AIION		LYSES		UEST	ED		OBSERVED TEMP_1-1°C
PROJEC	CT MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORRECTED TEMP: 0.1'2
SAMPL	ER NAMI	E:	JOHN BARIE	SIGNA	TURE	5:	/											THERMO ID: 67
ΓΑΤ (Τι	ırn-Aroun	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC	.) N=Nor	mal											
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic	; G=G	lass; V=	=VOA V	/ial; (	O=Oth	er								
UST PR	OJECT:	Y N	GLOBAL ID#:															
SAMPLE	DATE	TIME	SAMPLE DESCRIPTION		MA	TRIX		TAT	CONT	AINER	SS		1					SAMPLE CONDITIONS/
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	TYPE	TDS		_					CONTAINER/COMMENTS
	82514	0810	COOLING TOWER BLOWDOWN	X				N	1	P	X							
Relinqui	shed by (Si	gnature&	Name):	Receive	d by (S	Signature	& Name	e):			Date:		Time	e:		SAMI	PLE :	DISPOSITION
()	M			To I	mi	Azni					82	525	08	10		1. Samp	oles ret	turned to client? Yes No
Relinqui	shed by (S	ignature&				Signature	& Name	e):			Date:		Tim			2. Samp	oles wi	ll not be stored over 30 days,
																unless a	additio	nal storage time is requested
Relinqui	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Name	e):			Date:		Tim	e:		3. Stora	ige tim	e requested:days,
																Ву:		Date:
SPECIA	L INSTR	UCTION:																

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER

Arrived at the lab Big Ty DBJV



September 10, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2509011

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on September 03, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.



%RFC

#### **Certificate of Analysis**

Page 2 of 2

File #:74548

Report Date: 09/10/25 Submitted: 09/03/25

PLS Report No.: 2509011

RPD

4963 Soto St. Vernon, CA 90058 Attn: Matt Richards

City of Vernon

Phone: (323) 476-3626 FAX:(323) 476-3640

**Project:** Malburg Generating Station Weekly

Sample ID: Cooling Tower B	lowdown Wate	er (250	9011-0	1) Sam	pled: 09	7/03/25 0	7:40 Received	: 09/03/25			Mile.
Analyte	Results	Flag	D.F.	Units	PQL	Prep/	Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4320		1	mg/L	5.0		SM 2540C	09/04/25	09/05/25	SS	BI50515
			Q	uality (	Contro	ol Data					

Spike

					Spine	Joanes		JUNEC		ICID	
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BI50519			5 10 5 11		Derb Had		al who	M Tonisso		1 1	W Holling
Blank		Prepared: 0	9/04/25 Ana	lyzed: 09/05	/25						
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared: 0	9/04/25 Ana	lyzed: 09/05	/25						
Total Dissolve	d Solids	56.0	5.0	mg/L	50.0		112	80-120			
Duplicate	Source: 2509013-01	Prepared: 0	9/04/25 Ana	lyzed: 09/05	/25						
Total Dissolve	d Solids	1100	5.0	mg/L		1080			1.37	5	

#### **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit
PQL Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

477	PO	SI	TI	VE
		-		

# CHAIN OF CUSTODY AND ANALYSIS REQUEST

Male		AB SI	ERVICE			FAX (213									ATE: <u>7</u>			NO.: 2 309011
Carried Manager			F VERNON	PPOIE	CT N	AME/NO	<u> </u>	MAN DEV	RG GENEI	A TEDUC CO	r a Tron	WEEKI		FILE NO			LAB	AIRBILL NO:
DDRES			TO ST. VERNON CA 90058	IKOJE	CI II.	AIMD/INC	<i>J</i> .	MALDU	KG GENER	CATINGS	IATION				QUEST	ΓED		OBSERVED TEMP 1,502
	CT MANA		MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORRECTED TEMPO 50
AMPLI	ER NAMI	£:	JOHN BARIE	SIGNA	ГURE	Te												THERMO ID:
AT (Tu	rn-Arour	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC	.) N=Nor	mal											
CONTA	NER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	P=Plastic;	G=G	lass; V=	=VOA V	ial; (	)=Oth	er							1	
ST PRO	OJECT:	Y N	GLOBAL ID#:	<del></del>		TRIX		TEATE	CONT									GANDI E GONDITIONS
ID	SAMPLED	SAMPLED	SAMPLE DESCRIPTION	WATER	SOIL	SLUDGE	OTHER	IAI	CONT.	TYPE	TDS							SAMPLE CONDITIONS/ CONTAINER/COMMENTS
	9.328	0740	COOLING TOWER BLOWDOWN	X				N	1	P	Х							
													_	_	_		_	
				-									-	_			_	
													-	-				
1	1 11 (6			n .	11 (6		0.37				<b>D</b> .			D'.		0.174	DI E	DYGDOGYTYON
	sned by (Si	ignature&		To		Signature	& Name	e):			Date:			Γime: 75%				DISPOSITION turned to client? Yes No
	•	ignature&				Signature	& Name	e):			Date:			Γime:		1	•	ill not be stored over 30 days,
1-7		<i>G</i>			- 0) (0			-)•										onal storage time is requested
Relinquis	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Name	e):			Date:		7	Гime:		1		ne requested:days,
																Ву:		Date:
PECIA	L INSTR	UCTION:	:															

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



September 15, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2509056

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on September 08, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



#### **Certificate of Analysis**

Page 2 of 2

City of Vernon 4963 Soto St. Vernon, CA 9005 File #:74548

Report Date: 09/15/25 Submitted: 09/08/25

PLS Report No.: 2509056

Vernon, CA 90058 Attn: Matt Richards

Phone: (323) 476-3626

FAX:(323) 476-3640

**Project:** Malburg Generating Station Weekly

Sample ID: Cooling To	wer Blowdown	Wa	ter (250	09056-0	1) Sam	pled: 0	9/08/25	08:15 R	eceived:	09/08/25			5.D	
Analyte	Res	ults	Flag	D.F.	Units	PQL	Pre	p/Test Met	thod	Prepared	Ana	lyzed	Ву	Batch
Total Dissolved Solids	42	20		1	mg/L	5.0	-	SM	2540C	09/12/25	09/1	12/25	SS	BI5121
				Qı	uality	Contro	ol Data	3						
							Spike	Source		%REC		RPD		
Analyte		Res	ult	PQL	Į	Jnits	Level	Result	%REC	Limits	RPD	Limit	Q	ualifier
Batch BI51215			78						0.01 =	Helf.	+ (4)			
Blank		Pre	pared & A	nalyzed:	09/12/2	5								
Total Dissolved Solids		NE		5.0	r	ng/L								
LCS		Pre	pared & A	nalyzed:	09/12/2	5								
Total Dissolved Solids		54.	0	5.0	r	ng/L	50.0		108	80-120				
Duplicate Source	e: 2509056-01	Prej	pared & A	nalyzed:	09/12/2	5								
Total Dissolved Solids		407	0	5.0	r	ng/L		4220			3.66	5		

#### **Notes and Definitions**

NA

Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR

Not Reported

MDL

Method Detection Limit

PQL

Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

	PO	SI	TI	VE
18	LAB	SE	RV	ICE

# CHAIN OF CUSTODY AND ANALYSIS REQUEST

Alal		AB S	FRVICE 781 East Was	hington B (213) 74	lvd., Lo 5-5312	s Angeles FAX (213	s, CA 900 3) 745-63	121 172					FILE	DATE	: <u>9</u> -	8.25	P LAB	age: <u>/</u> of/ no.: <i>25090510</i>
CLIENT	NAME:	CITY OF	VERNON	PROJE	CT N	AME/N(	Э.	MALBU	RG GENEI	RATING ST	ration	WEEKLY	P.O.					AIRBILL NO:
ADDRE	SS:	4963 SOT	TO ST. VERNON CA 90058									ANA	LYSES	REQU	EST	ED		OBSERVED TEMP_1-12C
PROJEC	T MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORRECTED TEMP()/°L THERMO ID:
SAMPL	ER NAMI	E:	JOHN BARIE	SIGNA	TURE	2												THERMO ID:
ΓΑΤ (Tu	rn-Aroun	ıd-Time):	0=Same Day; 1=24 Hour; 2=				mal											
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; F	=Plastic	; <b>G</b> =G	lass; V=	=VOA V	/ial; (	)=Oth	er								
UST PR	OJECT:	Y N	GLOBAL ID#:															
SAMPLE	DATE	TIME	SAMPLE DESCRIPTION		MA	TRIX		TAT	CONT	AINER	TDS							SAMPLE CONDITIONS/
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	TYPE	H							CONTAINER/COMMENTS
	184	2817	COOLING TOWER BLOWDOWN	X				N	. 1	P	X							
									,									
	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Nam	e):			Date:		Time	: :		SAMI	PLE	DISPOSITION
	10-1		•	20	Jest L	ŧ.				- /	1,20.	15	08/5			1. Samp	oles ret	turned to client? Yes No
Relinquis	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Nam	e):			Date:		Time	:		2. Samp	oles wi	ll not be stored over 30 days,
																unless a	additio	nal storage time is requested
Relinqui	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Nam	e):			Date:		Time	<b>:</b> :		3. Stora	ge tim	e requested:days,
																Ву:		Date:
SPECIA	L INSTR	UCTION:																

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER



September 22, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2509146

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on September 17, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



### **Certificate of Analysis**

Page 2 of 2

File #:74548

Report Date: 09/22/25 Submitted: 09/17/25

PLS Report No.: 2509146

City of Vernon 4963 Soto St. Vernon, CA 90058

Attn: Matt Richards

Phone: (323) 476-3626

FAX:(323) 476-3640

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower B	Blowdown Wat	er (250	9146-0	1) Sam	pled: 09	9/17/2	25 08:00 Received	09/17/25		11 1	
Analyte	Results	Flag	D.F.	Units	PQL	P	rep/Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4200		1	mg/L	5.0	-	SM 2540C	09/19/25	09/19/25	SS	BI51918
	1200		-	1119/ 2				05, 25, 25	05,25,25	8	33

#### Quality Control Data

					Spike	Source		%REC		RPD	
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BI51918	3			The Park Street			H 51				
Blank		Prepared &	Analyzed: 09	/19/25							
Total Dissolve	d Solids	ND	5.0	mg/L							
LCS		Prepared &	Analyzed: 09	/19/25							
Total Dissolve	d Solids	51.0	5.0	mg/L	50.0		102	80-120			
Duplicate	Source: 2509147-01	Prepared &	Analyzed: 09	/19/25							
Total Dissolve	d Solids	1270	5.0	mg/L		1280			1.05	5	

#### **Notes and Definitions**

NA Not Applicable

ND Analyte NOT DETECTED at or above the reported limit(s)

NR Not Reported

MDL Method Detection Limit
PQL Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)

40	<b>POSITIVE</b>
AT IN I	LAB SERVICE

## CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021 (213) 745-5312 FAX (213) 745-6372

DATE: 97	7-25	PAGE:		o#	
NO ·	т./	AR NO ·	25	09146	

3.20.212 P		<b>TD</b> 3	ERVICE	(=,			,						F	LE NO.			LAB	NO.: 2509146
CLIENT	NAME:	CITY OF	VERNON	PROJE	CT N.	AME/NC	).	MALBUI	RG GENE	RATING S	TATION	WEEKLY	y P	O.NO.				AIRBILL NO:
ADDRES	SS:	4963 SOT	TO ST. VERNON CA 90058									AN	ALYS	ES REC	UEST	ED		OBSERVED TEMP 2/2
PROJEC	T MANA	GER	MATT RICHARDS	PHONE	NO:			FAX N	NO:									CORRECTED TEMP: 1.14
SAMPLI	ER NAM	E:	JOHN BARIE	SIGNA	TURE	F												THERMO ID: 67
TAT (Tu	rn-Aroui	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC.	) N=Nor	mal											
CONTA	NER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic;	G=G	lass; V=	VOA V	'ial; (	)=Oth	er								
UST PRO	OJECT:	Y N	GLOBAL ID#:															
SAMPLE	DATE	TIME	SAMPLE DESCRIPTION		MA	TRIX		TAT	CONT	AINER	S							SAMPLE CONDITIONS/
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	TYPE	TDS							CONTAINER/COMMENTS
	9.174	0800	COOLING TOWER BLOWDOWN	X				N	1	P	X							
Relinguis	shed by (S	ignature&	Name):	Receive	d by (S	ignature	& Nam	e):			Date:		Т	ime:		SAM	PLE	DISPOSITION
	A	Č	d	~	Tages	John 1					9.172	5	Ò	Sco.		1. Sam	iples re	turned to client? Yes No
Relinquis	shed by (S	ignature&	Name):	Receive		ignature		e):			Date:		Т	ime:		2. San	iples w	ill not be stored over 30 days,
																unless	additio	onal storage time is requested
Relinquis	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Nam	e):			Date:	8	Т	ime:		3. Stor	age tim	ne requested:days,
																Ву: _		Date:
SPECIA	L INSTR	UCTION:	:															

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER





September 29, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2509180

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on September 22, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.



#### **Certificate of Analysis**

Page 2 of 2

City of Vernon 4963 Soto St.

Attn: Matt Richards

File #:74548

Report Date: 09/29/25 Submitted: 09/22/25

**PLS Report No.: 2509180** 

Vernon, CA 90058

Phone: (323) 476-3626

FAX:(323) 476-3640

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tow	er Blowdown Wate	r (250	9180-0	1) Sam	pled: 0	9/22/25 (	08:10 Received	: 09/22/25			
Analyte	Results	Flag	D.F.	Units	PQL	Prep/	Test Method	Prepared	Analyzed	Ву	Batch
Total Dissolved Solids	4060		1	mg/L	5.0	-	SM 2540C	09/26/25	09/26/25	SS	BI52621
			_	111		1					

#### Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BI52621				i a la l							
Blank		Prepared &	Analyzed: 09	/26/25							
Total Dissolved	d Solids	ND	5.0	mg/L							
LCS		Prepared &	Analyzed: 09	/26/25							
Total Dissolved	d Solids	57.0	5.0	mg/L	50.0		114	80-120			
Duplicate	Source: 2509204-01	Prepared &	Analyzed: 09	/26/25							
Total Dissolved	d Solids	2130	5.0	mg/L		2060			3.74	5	

#### **Notes and Definitions**

NA Not Applicable

Analyte NOT DETECTED at or above the reported limit(s) ND

NR Not Reported

MDL Method Detection Limit PQL Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

Authorized Signature(s)



781 East Washington Blvd., Los Angeles, CA 90021 [213] 745-5312 FAX (213) 745-6372 FIL										DAT	E:9.	12-6	P	AGE:( OF/					
	LA	AB SI	ERVICE	(213) 74	5-5312	FAX [213	3) 745-63	72					FI	LE NO.:	-1		LAB	AGE: ( OF / NO.: 2509180	9
LIENT	NAME:	CITY OF	VERNON	PROJE	CT N	AME/NO	Э.	MALBU	RG GENEI	RATING ST	TATION	WEEKLY		o.no.				AIRBILL NO:	
DDRE	SS:	4963 SOT	TO ST. VERNON CA 90058									AN	ALYSI	ES REQ	UEST	ED		OBSERVED TEMP	-ve
ROJE	CT MANA	GER	MATT RICHARDS	PHONE				FAX I	NO:									CORRECTED TEMP	
MPL	ER NAMI	E:	JOHN BARIE	SIGNA	TURE	: P	,											THERMO ID: 67	
AT (Tı	ırn-Arour	d-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC	.) N=Nor	mal												
ONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic	G=G	lass; V=	=VOA V	/ial; (	)=Oth	er									
ST PR	OJECT:	Y N	GLOBAL ID#:																
MPLE ID	DATE SAMPLED	TIME	SAMPLE DESCRIPTION			TRIX	OTHER	TAT	CONT #	-	TDS							SAMPLE CONDITION	100
ID		SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	ТҮРЕ			+	+				CONTAINER/COMME	NIS
	9.124	0120	COOLING TOWER BLOWDOWN	X				N	1	P	X		-	_	-				
													_	+	-				
elinqui	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Nam	e):			Date:		Ti	me:		SAM	PLE	DISPOSITION	
	M		d	テゴル	n 1	Bonz				6	922	25	09	lto		1. Sam	ples ret	turned to client? Yes No	
elinquished by (Signature & Name): Received by (Signature & N					& Nam	e):			Date:		Ti	me:		2. Sam	ples wi	ill not be stored over 30 day	ys,		
																unless	additio	nal storage time is requeste	ed
elinqui	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Nam	e):			Date:		Ti	me:		3. Storage time requested:days,			
	nquished by (Signature& Name): Receiv											ito.				B. Doto:			

SPECIAL INSTRUCTION:

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER

Arrived at the lab 9.224 85%



October 06, 2025

Matt Richards City of Vernon 4963 Soto St. Vernon, CA 90058

Report No.: 2509230

Project Name: Malburg Generating Station Weekly

Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on September 29, 2025.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. Analytes flagged ANC are not offered by ELAP for certification. Analytes flagged ANA are offered by ELAP; however, they are not PLS certified.

The laboratory report may not be reproduced, except in full, without the written approval of the laboratory. The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) are provided on the final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project/Manag



### **Certificate of Analysis**

Page 2 of 2

File #:74548

Report Date: 10/06/25 Submitted: 09/29/25

PLS Report No.: 2509230

4963 Soto St. Vernon, CA 90058

City of Vernon

Attn: Matt Richards

Phone: (323) 476-3626

FAX:(323) 476-3640

**Project:** Malburg Generating Station Weekly

Analyte	Results	Flag	D.F.	Units	PQL	Pre	/Test Met	hod	Prepared	Anal	yzed	Ву	Batch
Total Dissolved Solids	4050		1	mg/L	5.0	-	SM	2540C	10/03/25	10/0	3/25	\$5	BJ50320
			Qι	uality (	Contr	ol Data	1						
						Spike	Source		%REC		RPD		ne l
Analyte	Resu	lt	PQL	U	nits	Level	Result	%REC	Limits	RPD	Limit	Q	ualifier

					Spike	Source		YOKEC.		KPD	
Analyte		Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BJ50320				March	Land make						
Blank		Prepared &	Analyzed: 10	/03/25							
Total Dissolved	d Solids	ND	5.0	mg/L							
LCS		Prepared &	Analyzed: 10	/03/25							
Total Dissolved	d Solids	53.0	5.0	mg/L	50.0		106	80-120			
Duplicate	Source: 2509230-01	Prepared &	Analyzed: 10	/03/25							
Total Dissolved	d Solids	4050	5.0	mg/L		4050			0.0988	5	

#### **Notes and Definitions**

Not Applicable NA

Analyte NOT DETECTED at or above the reported limit(s) ND

NR Not Reported

MDL Method Detection Limit PQL Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, LACSD No. 10138

destination of the

Authorized Signature(s)

Rik Owen Parlier

40	PO	SIT	Π	VE	
Also I	LAB	SEF	₹V	ICE	

# CHAIN OF CUSTODY AND ANALYSIS REQUEST

100		ARSI	ERVICE /81 East Was	hington Bl (213) 74!	Ivd., Lo 5-5312	s Angeles FAX (213	s, CA 900 N 745-63	21 72											:_/_ OF	
Mallal2		1D 3	LIVICE	,,				× ==					]	FILE N	10.:		LA	B NO.:	2509	1230
CLIENT	NAME:	CITY OF	FVERNON	PROJE	CT N.	AME/NO	).	MALBUI	RG GENEI	RATING ST	ATION	WEEKL	y ]	P.O.N	0			AIRB	ILL NO:	
ADDRE	SS:	4963 SOT	TO ST. VERNON CA 90058									AN	ALY	SES R	EQUE	STE	ED	OBSE	ERVED TEMP	1/00
PROJE	CT MANA	GER	MATT RICHARDS	PHONE	NO:			FAX I	NO:									CORI	RECTED TEM	1P.O.10c
SAMPL	ER NAM	E:	JOHN BARIE	SIGNA	TURE													THE	RMO ID:	2
ГАТ (Т	urn-Aroui	nd-Time):	0=Same Day; 1=24 Hour; 2=	48Hour;	(ETC.	) N=Nor	mal													
CONTA	INER TY	PES: B=B	Brass; E=Encore/Easy Draw; P	=Plastic;	G=G	lass; V=	VOA V	'ial; (	)=Othe	er										
JST PR	OJECT:	Y N	GLOBAL ID#:																	
SAMPLE	DATE	TIME	SAMPLE DESCRIPTION		MA	TRIX		TAT	CONT	AINER	S					-1		SAMI	PLE CONDIT	IONS/
ID	SAMPLED	SAMPLED		WATER	SOIL	SLUDGE	OTHER		#	TYPE	TDS							CON	TAINER/COM	IMENTS
	9-29-15	080	COOLING TOWER BLOWDOWN	X				N	1	P	X									
											1									
Relinqui /\		ignature&		Receive	d by (S	Signature Busic	& Name	e):			Date:			Time:		- 1		MPLE DISPOSITION amples returned to client? Yes No		
Relinquished by (Signature & Name): Received by (Signature & Name):								Date:		,	Time:		- 1	-	es will not be stored over 30 days,					
Relinqui	shed by (S	ignature&	Name):	Receive	d by (S	Signature	& Name	e):			Date:		,	Time:		- 1	3. Storage By:		ested:	_days,
SPECIA	L INSTR	UCTION:	:																	

PRESERVATIVE 1-HNO3 2-H2SO4 3-HCL 4- ZINC ACETATE 5-NaOH 6-NH4 BUFFER 7- OTHER

# **Appendix C Operation Logs**

# Malburg Generating Station Appendix C, Table 1 Combustion Turbine Generator (CTG) Startup and Shutdown Events During Quarter 3, 2025

#### CTG 1

Date	Event Type [1]	Event Start	Event End	Duration (hrs:min)
7/3/2025	Stop	22:04	22:13	0:09
7/7/2025	Cold Start	16:43	17:59	1:16
7/12/2025	Stop	04:57	05:06	0:09
8/6/2025	Cold Start	02:52	04:11	1:19
8/12/2025	Stop	00:46	00:55	0:09
8/20/2025	Cold Start	15:39	16:52	1:13
8/21/2025	Trip/Shutdown	06:10	06:10	0:00
8/30/2025	Cold Start	20:54	22:12	1:18
8/30/2025	Stop	22:13	22:16	0:03
9/1/2025	Warm Start	15:48	16:58	1:10
9/23/2025	Stop	21:57	22:06	0:09
9/24/2025	Warm Start	20:16	21:16	1:00
9/26/2025	Stop	08:57	09:06	0:09

#### CTG 2

Date	Event Type [1]	<b>Event Start</b>	Event End	Duration (hrs:min)
7/3/2025	Cold Start	17:43	19:15	1:32
8/28/2025	Trip/Shutdown	21:24	21:24	0:00
8/28/2025	Warm Start	22:43	23:18	0:35
9/6/2025	Stop	06:56	07:05	0:09
9/23/2025	Cold Start	16:46	18:00	1:14
9/24/2025	Trip/Shutdown	18:32	18:32	0:00
9/26/2025	Warm Start	04:14	05:21	1:07

<sup>[1]</sup> A startup event is defined as initiation of combustion until the system becomes emissions compliant, for consistency with the Title V Permit definitions.

251029104445\_c9682e07 Page 1 of 1

Malburg Generating Station Appendix C, Table 2 Diesel Firewater Pump Testing Times During Quarter 3, 2025

Date	Time (hh:mm)	Start Hours	End Hours	Event Type	Hours of Operation
7/1/2025	6:20	424.5	425.0	Testing	0.5
7/9/2025	10:26	425.0	425.5	Testing	0.5
7/15/2025	9:56	425.5	426.0	Testing	0.5
7/22/2025	12:50	426.0	426.5	Testing	0.5
7/29/2025	8:34	426.5	427.0	Testing	0.5
8/5/2025	6:10	427.0	427.5	Testing	0.5
8/12/2025	11:17	427.5	428.0	Testing	0.5
8/19/2025	20:31	428.0	428.5	Testing	0.5
8/25/2025	21:03	428.5	429.0	Testing	0.5
9/2/2025	11:07	429.0	429.5	Testing	0.5
9/9/2025	19:58	429.5	430.0	Testing	0.5
9/16/2025	23:29	430.0	430.5	Testing	0.5
9/23/2025	8:36	430.5	431.0	Testing	0.5
9/30/2025	11:43	431.0	431.5	Testing	0.5

251029104445\_c9682e07 Page 1 of 1

# Appendix D Diesel Fuel Oil Purchase Records



SC Commercial, LLC, DBA SC Fuels

PO BOX 14237

(888) 723-8357

**RCF LUBES** 

**FSC LUBES** 

ORANGE, CA 92863-1237

#### SALES ORDER/DELIVERY TICKET

ORDER NUMBER: OD-0000163065

Page: 1 of 2

TERMS NET 30 DAYS SALES REP: TODD CRIPPS PHONE: (714) 938-5714

PO# 250060

SCHEDULED DELIVERY FROM: 03/18/2025 12:00AM

SCHEDULED DELIVERY TO:

SHIP VIA: SC COMMERCIAL (LUBES)

WHSE WH - SANTA FE SPRINGS

#### PLEASE REMIT ALL PAYMENTS TO:

PO BOX 14237 ORANGE, CA 92863-1237

ACCT NO (Bill-to) 10001045

REG COMPLIANCE FEE

FUEL SURCHARGE LUBES

CITY OF VERNON 4305 SANTA FE AVE ATTN: DEPARTMENT D Los Angeles, CA 90058

ACCT NO (Ship-to) 220001

1.00

1.00

CITY OF VERNON-SOTO ST-L 4963 SOTO ST Los Angeles, CA 90058

HM ITEM CODE	ITEM DESCRIPTION	QTY QTY ORDERED DEL	PACKAGE DESC	EXTENDED QTY	
O:TODD/POC:	ROB 323-583-8811 X257/HR	RS:8A-2P			
	МТО	7			
	R99 RENEWABLE DSL DYED	2.00	_55 GAL DRUM	110.00 GALS	140
v					
	), DIESEL FUEL, 3,PG III - 15PPM SEL. NONTAXABLE USE ONLY, F		BLE USE MAY CO	NTAIN UP TO5% BIODIESEL.	
		1			
250054981	CH GST ADVANTAGE EP 32	1.00	_55 GAL DRUM	55.00 GALS	
DRUMDEPOSIT	DRUM DEPOSIT	3.00	-	3.00	

1.00 \_\_\_\_\_

1.00 \_\_\_\_\_

#### SALES ORDER/DELIVERY TICKET

ORDER NUMBER: OD-0000163065

Page: 2 of 2

# www.SCFuels.com "Your Single Choice for Petroleum Products" 24-HOUR EMERGENCY RESPONSE CALL CHEMTREC 1-800-424-9300

	1					
Received by	The Poustomer signature	Date:	3/11/25	Arrived Destination	1.24	AM PM
Printed Name	customer first and last name			Completed	1:36	AM PM
Driver's Signature	100			Truck #	924	
Olgitataro				Drum Credit		

www.scfuels.com

#### FOR CHEMICAL EMERGENCY

THIS IS TO CERTIFY THAT THE
ABOVE NAME MATERIALS ARE
PROPERLY CLASSIFIED,
DESCRIBED, PACKAGED,
MARKED AND LABELED AND
ARE IN PROPER CONDITION FOR
TRANSPORTATION ACCORDING
TO APPLICABLE REGULATIONS
OF THE DEPARTMENT OF
TRANSPORTATION

# **Appendix E Excess Emission Reports**

# Startup/Shutdown Excess Emissions Report

## U1 CO Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:36 Location: Vernon, California

Tag Name: U1\_CO\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 906.37 Hours

Non-Operating Time: 1,301.63 Hours Report Time: 2,208.00 Hours

Unit Operation						
Event Period				Reason	Action	
Begin/End	Duration in Minute(s)	Lb/Event	Limit	Code - Description	Code - Description	

No excess emissions were found in the reporting period.



# Startup/Shutdown Excess Emissions Report

## U1 CO Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:36 Location: Vernon, California

Tag Name: U1\_CO\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 906.37 Hours

Non-Operating Time: 1,301.63 Hours Report Time: 2,208.00 Hours

No invalid events were found in the reporting period.



## U1 NOx Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:36 Location: Vernon, California

Tag Name: U1\_NOxRECLM\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 906.37 Hours

Non-Operating Time: 1,301.63 Hours Report Time: 2,208.00 Hours

Unit Operation					
Event Period				Reason	Action
Begin/End	Duration in Minute(s)	Lb/Event	Limit	Code - Description	Code - Description



#### U1 NOx Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:36 Location: Vernon, California

Tag Name: U1\_NOxRECLM\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 906.37 Hours

Non-Operating Time: 1,301.63 Hours Report Time: 2,208.00 Hours

No invalid events were found in the reporting period.



2

### U1 VOC Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:35 Location: Vernon, California

Tag Name: U1\_VOC\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 906.37 Hours

Non-Operating Time: 1,301.63 Hours Report Time: 2,208.00 Hours

Unit Operation					
Event Period				Reason	Action
Begin/End	Duration in Minute(s)	Lb/Event	Limit	Code - Description	Code - Description



### U1 VOC Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:35 Location: Vernon, California

Tag Name: U1\_VOC\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 906.37 Hours

Non-Operating Time: 1,301.63 Hours Report Time: 2,208.00 Hours

No invalid events were found in the reporting period.



Unit 1 - CO ppmvdc 1-hour during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:34 Location: Vernon, California



Tag Name: U1\_CONormal\_Ppmvdc\_1H

Total Operating Time: 916.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 1,292.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	916.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Unit 1 - NOx ppmvdc 1-hour during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:33 Location: Vernon, California



Tag Name: U1\_NOxNormal\_Ppmvdc\_1H

Total Operating Time: 916.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 1,292.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	916.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Unit 1 - VOC ppmvdc 1-hour during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:33 Location: Vernon, California



Tag Name: U1\_VOCNormal\_Ppmvdc\_1H

Total Operating Time: 916.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 1,292.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	916.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Unit 1 - CO ppmvdc 3-hour Rolling during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:32 Location: Vernon, California



Tag Name: U1\_CO\_3HrRoll\_Ppmvdc\_1H

Total Operating Time: 916.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 1,292.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	916.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

## Quad K Excess Emissions Report

U1 NOX 4-Hour Events

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:32 Location: Vernon, California

TOF VERMO

Tag Name: U1\_NOx4H\_Ppmvdc\_1H

Total Operating Time: 916.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 1,292.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	916.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

### U2 CO Startup/Shutdown Events

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:31 Location: Vernon, California

Tag Name: U2\_CO\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 1,690.65 Hours

Non-Operating Time: 517.35 Hours Report Time: 2,208.00 Hours

Unit Operation					
Event Period				Reason	Action
Begin/End	Duration in Minute(s)	Lb/Event	Limit	Code - Description	Code - Description



#### U2 CO Startup/Shutdown Events

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:31 Location: Vernon, California

Tag Name: U2\_CO\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 1,690.65 Hours

Non-Operating Time: 517.35 Hours Report Time: 2,208.00 Hours

No invalid events were found in the reporting period.



## U2 NOx Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:30 Location: Vernon, California

Tag Name: U2\_NOxRECLM\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 1,690.65 Hours

Non-Operating Time: 517.35 Hours Report Time: 2,208.00 Hours

Unit Operation					
Event Period				Reason	Action
Begin/End	Duration in Minute(s)	Lb/Event	Limit	Code - Description	Code - Description



#### U2 NOx Startup/Shutdown

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:30 Location: Vernon, California

Tag Name: U2\_NOxRECLM\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 1,690.65 Hours

Non-Operating Time: 517.35 Hours Report Time: 2,208.00 Hours

No invalid events were found in the reporting period.



#### U2 VOC Startup/Shutdown Events

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:30 Location: Vernon, California

Tag Name: U2\_VOC\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 1,690.65 Hours

Non-Operating Time: 517.35 Hours Report Time: 2,208.00 Hours

Unit Operation					
Event Period			Reason	Action	
Begin/End	Duration in Minute(s) Lb/Event	Limit	Code - Description	Code - Description	



#### U2 VOC Startup/Shutdown Events

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:30 Location: Vernon, California

Tag Name: U2\_VOC\_LbPerHr\_1M SI = SampleInvalid, \* = Excess Emission

Total Operating Time: 1,690.65 Hours

Non-Operating Time: 517.35 Hours Report Time: 2,208.00 Hours

No invalid events were found in the reporting period.



2

Unit 2 - CO ppmvdc 1-hour during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:28 Location: Vernon, California



Tag Name: U2\_CONormal\_Ppmvdc\_1H

Total Operating Time: 1,695.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 513.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	1,695.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Unit 2 - NOx ppmvdc 1-hour during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:28 Location: Vernon, California



Tag Name: U2\_NOxNormal\_Ppmvdc\_1H

Total Operating Time: 1,695.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 513.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	1,695.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Unit 2 - VOC ppmvdc 1-hour during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:27 Location: Vernon, California



Tag Name: U2\_VOCNormal\_Ppmvdc\_1H

Total Operating Time: 1,695.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 513.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	1,695.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

Unit 2 - CO ppmvdc 3-hour Rolling during Normal Operation

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:27 Location: Vernon, California



Tag Name: U2\_CO\_3HrRoll\_Ppmvdc\_1H

Total Operating Time: 1,695.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 513.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	1,695.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %

## Quad K Excess Emissions Report

U2 NOX 4-Hour Events

From: 07/01/2025 00:00 To: 09/30/2025 23:59 Facility Name: Malburg Generating Station

Generated: 10/07/2025 10:26 Location: Vernon, California

OF VERMO

Tag Name: U2\_NOx4H\_Ppmvdc\_1H

Total Operating Time: 1,695.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 513.00 Hour(s) Report Time: 2,208.00 Hour(s)

Total Operating Time:	1,695.00 Hour(s)
Total Duration (Online only):	0.00 Hour(s)
Time in exceedance as a percentage of operating time:	0.00 %
Time in compliance as a percentage of operating time:	100.00 %