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July 29, 2026

**NOTICE OF INTENT TO FILE
2026 Q2 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 April 1, 2026, through June 30, 2026. 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

Copies: Lisa Umeda
Matt Richards
Richard Corbi
Elyse Engel
Document Control

Enclosure: MGS 2026 Q2 Compliance Report



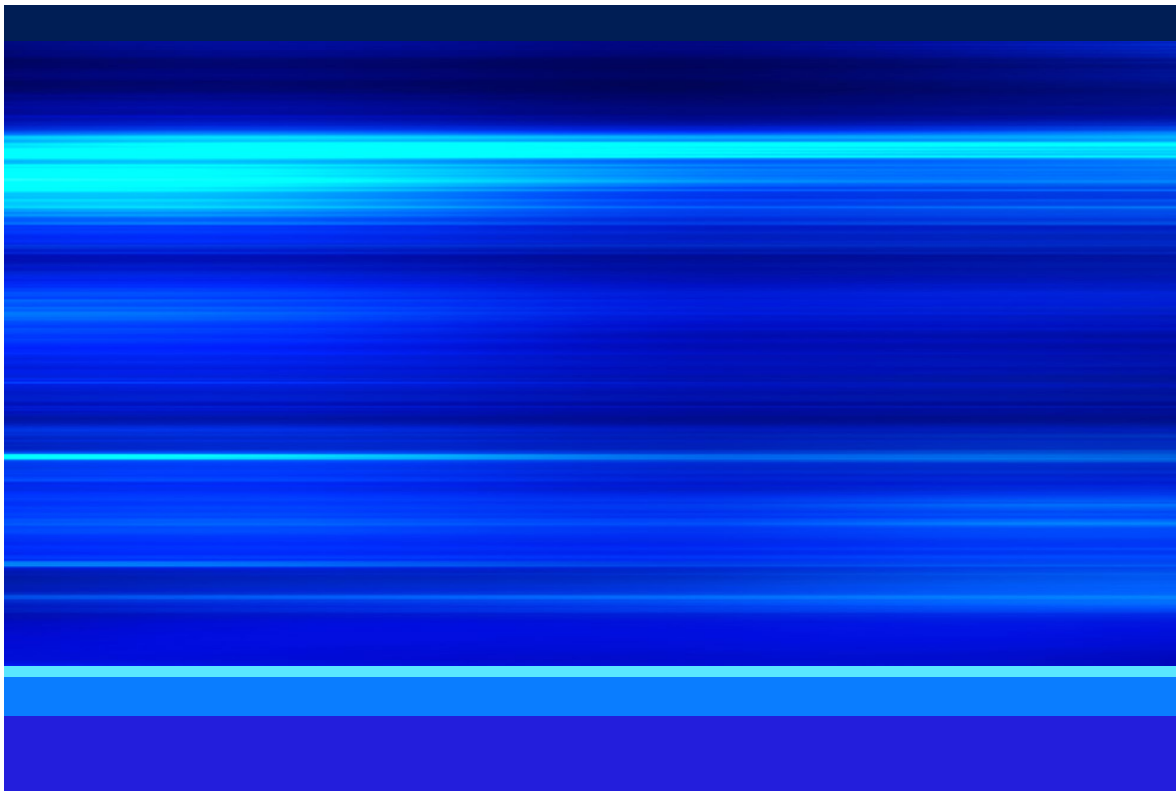
Malburg Generating Station Quarterly Compliance Report (Second Quarter 2026)

Submitted to
California Energy Commission

Submitted by
City of Vernon, Public Utilities Department

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July 29, 2026



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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
HRSs	heat recovery steam generators
lb/day	pounds per day
lb/hr	pounds per hour
MGS	Malburg Generating Station
NH ₃	ammonia
NO _x	nitrogen oxides
PM ₁₀	particulate matter with aerodynamic diameter less than or equal to 10 microns
PM _{2.5}	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
SO _x	sulfur oxides
STG	steam turbine generator
TDS	total dissolved solids
TN	Transaction Number
ULS	ultra-low sulfur
VOC	volatile organic compound

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 second quarter of 2026 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 ₁₀) emissions from cooling tower operation during the second quarter of 2026 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 second quarter of 2026 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 second quarter of 2026, including the duration and date of occurrence, are provided in Appendix C, Table 1.

Malburg Generating Station Quarterly Compliance Report (Second Quarter 2026)

Condition of Certification	Response
AQ-C11	All ammonia (NH ₃), nitrogen oxides (NO _x), sulfur oxides (SO _x), carbon monoxide (CO), PM ₁₀ , and volatile organic compound (VOC) emissions from MGS operation during the second quarter of 2026 are provided in Appendix A, Table 1.
AQ-2	Low sulfur diesel fuel was last delivered on January 20, 2026. The fuel order record is provided in Appendix D and demonstrates that the fuel, as ultra-low sulfur (ULS) 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 ₁₀ , particulate matter with aerodynamic diameter less than or equal to 2.5 microns (PM _{2.5}), VOC, and SO _x from CTG and duct burner operation during the second quarter of 2026 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 NO _x 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 NO _x 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 ₃ compliance source testing for CTG 1 and CTG 2 was performed on March 4 and 5, 2026. The test reports with results were submitted to the CEC on April 27, 2026, and indicated compliance with the emission limit (0.9 ppm for CTG 1 and 0.9 ppm for CTG 2). NH ₃ emissions are also calculated via the CEMS on an hourly basis and compared to the NH ₃ concentration limit of 5 ppm as an indicator of process functionality.

Malburg Generating Station Quarterly Compliance Report (Second Quarter 2026)

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 (0.36 lb/hr and 0.0001 gr/scf for CTG 1 and 0.57 lb/hr and 0.0007 gr/scf for CTG 2). CTG 1 was most recently tested on November 19 and 20, 2025; the test report with results was submitted to the CEC on January 15, 2026. 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 2026 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.

Appendix A

MGS Emission Calculations



Malburg Generating Station
Quarterly Compliance Report
Appendix A, Table 1

Reporting Period: **Quarter 2 2026**

Table 1. Quarterly Emissions - April 1, 2026 through June 30, 2026

Source	Quarterly Emissions (lb/quarter)					
	NOx	CO	VOC	SOx	PM ₁₀ /PM _{2.5}	NH ₃
CTG 1 & Duct Burner	1,654	597	347	61	1,356	2,053
CTG 2 & Duct Burner	726	206	154	27	601	910
Cooling Tower	--	--	--	--	59	--
Diesel Firewater Pump	35	1.0	0.3	0.0	0.2	0.1
Total	2,414	804	502	88	2,016	2,963

Malburg Generating Station
Quarterly Compliance Report
Appendix A, Table 2

Reporting Period: **Quarter 2 2026**

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

Sampling Period		TDS (ppm)
Start Date	End Date	
3/30/2026	4/5/2026	4,200
4/6/2026	4/12/2026	4,080
4/13/2026	4/19/2026	4,060
4/20/2026	4/26/2026	3,920
4/27/2026	5/3/2026	4,160
5/4/2026	5/10/2026	3,860
5/11/2026	5/17/2026	4,120
5/18/2026	5/24/2026	--
5/25/2026	5/31/2026	2,280
6/1/2026	6/7/2026	4,000
6/8/2026	6/14/2026	4,210
6/15/2026	6/21/2026	3,940
6/22/2026	6/28/2026	3,520
6/29/2026	7/5/2026	3,720

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

^[2] No sample was collected the week of May 18, 2026 because the plant was undergoing its spring outage.

Malburg Generating Station
Quarterly Compliance Report
Appendix A, Table 3

Reporting Period: April 2026

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

Sample Date	Period		TDS (ppm)
	Start Date	End Date	
3/30/2026	3/30/2026	4/5/2026	4,200
4/9/2026	4/6/2026	4/12/2026	4,080
4/13/2026	4/13/2026	4/19/2026	4,060
4/22/2026	4/20/2026	4/26/2026	3,920
4/27/2026	4/27/2026	5/3/2026	4,160

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

^[1] Source: M3-10 Main Circulating Water System P&ID.

^[2] Per COC AQ-C4.

^[3] Source: SPX Cooling Technologies' Cooling Tower Drift Mass Distribution.

Cooling Tower Daily PM₁₀ Emissions

Date	Circulation Rate (gal/day) ^[1]	TDS (ppm)	PM ₁₀ Emissions (lb/day)	Above 6.2 lb/day PM ₁₀ Limit? ^[2]
4/1/2026	38,880,000	4,200	1.36	No
4/2/2026	38,880,000	4,200	1.36	No
4/3/2026	38,880,000	4,200	1.36	No
4/4/2026	38,880,000	4,200	1.36	No
4/5/2026	38,880,000	4,200	1.36	No
4/6/2026	38,880,000	4,080	1.32	No
4/7/2026	38,880,000	4,080	1.32	No
4/8/2026	38,880,000	4,080	1.32	No
4/9/2026	38,880,000	4,080	1.32	No
4/10/2026	38,880,000	4,080	1.32	No
4/11/2026	38,880,000	4,080	1.32	No
4/12/2026	38,880,000	4,080	1.32	No
4/13/2026	38,880,000	4,060	1.32	No
4/14/2026	38,880,000	4,060	1.32	No
4/15/2026	38,880,000	4,060	1.32	No
4/16/2026	38,880,000	4,060	1.32	No
4/17/2026	38,880,000	4,060	1.32	No
4/18/2026	38,880,000	4,060	1.32	No
4/19/2026	38,880,000	4,060	1.32	No
4/20/2026	38,880,000	3,920	1.27	No
4/21/2026	38,880,000	3,920	1.27	No
4/22/2026	38,880,000	3,920	1.27	No
4/23/2026	38,880,000	3,920	1.27	No
4/24/2026	38,880,000	3,920	1.27	No
4/25/2026	38,880,000	3,920	1.27	No
4/26/2026	38,880,000	3,920	1.27	No
4/27/2026	38,880,000	4,160	1.35	No
4/28/2026	38,880,000	4,160	1.35	No
4/29/2026	38,880,000	4,160	1.35	No
4/30/2026	38,880,000	4,160	1.35	No

^[1] Maximum daily circulation rate conservatively used to estimate PM₁₀ emissions when the cooling tower is operated for any part of the day.

^[2] Daily emissions limit established in COC AQ-C7.

Malburg Generating Station
Quarterly Compliance Report
Appendix A, Table 4

Reporting Period: May 2026

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

Sample Date ^[1]	Period		TDS (ppm)
	Start Date	End Date	
4/27/2026	4/27/2026	5/3/2026	4,160
5/6/2026	5/4/2026	5/10/2026	3,860
5/11/2026	5/11/2026	5/17/2026	4,120
--	5/18/2026	5/24/2026	--
5/27/2026	5/25/2026	5/31/2026	2,280

^[1] No sample was collected the week of May 18, 2026 because the plant was undergoing its spring outage.

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

^[1] Source: M3-10 Main Circulating Water System P&ID.

^[2] Per COC AQ-C4.

^[3] Source: SPX Cooling Technologies' Cooling Tower Drift Mass Distribution.

Cooling Tower Daily PM₁₀ Emissions

Date	Circulation Rate (gal/day) ^[1]	TDS (ppm) ^[2]	PM ₁₀ Emissions (lb/day)	Above 6.2 lb/day PM ₁₀ Limit? ^[3]
5/1/2026	38,880,000	4,160	1.35	No
5/2/2026	38,880,000	4,160	1.35	No
5/3/2026	38,880,000	4,160	1.35	No
5/4/2026	38,880,000	3,860	1.25	No
5/5/2026	38,880,000	3,860	1.25	No
5/6/2026	38,880,000	3,860	1.25	No
5/7/2026	38,880,000	3,860	1.25	No
5/8/2026	38,880,000	3,860	1.25	No
5/9/2026	38,880,000	3,860	1.25	No
5/10/2026	38,880,000	3,860	1.25	No
5/11/2026	38,880,000	4,120	1.33	No
5/12/2026	38,880,000	4,120	1.33	No
5/13/2026	38,880,000	4,120	1.33	No
5/14/2026	38,880,000	4,120	1.33	No
5/15/2026	38,880,000	4,120	1.33	No
5/16/2026	0	4,120	0.00	No
5/17/2026	0	4,120	0.00	No
5/18/2026	0	--	0.00	No
5/19/2026	0	--	0.00	No
5/20/2026	0	--	0.00	No
5/21/2026	0	--	0.00	No
5/22/2026	0	--	0.00	No
5/23/2026	0	--	0.00	No
5/24/2026	0	--	0.00	No
5/25/2026	0	2,280	0.00	No
5/26/2026	0	2,280	0.00	No
5/27/2026	0	2,280	0.00	No
5/28/2026	0	2,280	0.00	No
5/29/2026	0	2,280	0.00	No
5/30/2026	0	2,280	0.00	No
5/31/2026	0	2,280	0.00	No

^[1] Maximum daily circulation rate conservatively used to estimate PM₁₀ 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. The facility was shut down on May 15, 2026 for its spring outage and remained offline through June 30, 2026 awaiting dispatch by the California Independent System Operator.

^[2] No sample was collected the week of May 18, 2026 because the plant was undergoing its spring outage.

^[3] Daily emissions limit established in COC AQ-C7.

Malburg Generating Station
Quarterly Compliance Report
Appendix A, Table 5

Reporting Period: June 2026

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

Sample Date	Period		TDS (ppm)
	Start Date	End Date	
6/4/2026	6/1/2026	6/7/2026	4,000
6/8/2026	6/8/2026	6/14/2026	4,210
6/18/2026	6/15/2026	6/21/2026	3,940
6/24/2026	6/22/2026	6/28/2026	3,520
6/29/2026	6/29/2026	7/5/2026	3,720

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

^[1] Source: M3-10 Main Circulating Water System P&ID.

^[2] Per COC AQ-C4.

^[3] Source: SPX Cooling Technologies' Cooling Tower Drift Mass

Cooling Tower Daily PM₁₀ Emissions

Date	Circulation Rate (gal/day) ^[1]	TDS (ppm)	PM ₁₀ Emissions (lb/day)	Above 6.2 lb/day PM ₁₀ Limit? ^[2]
6/1/2026	0	4,000	0.00	No
6/2/2026	0	4,000	0.00	No
6/3/2026	0	4,000	0.00	No
6/4/2026	0	4,000	0.00	No
6/5/2026	0	4,000	0.00	No
6/6/2026	0	4,000	0.00	No
6/7/2026	0	4,000	0.00	No
6/8/2026	0	4,210	0.00	No
6/9/2026	0	4,210	0.00	No
6/10/2026	0	4,210	0.00	No
6/11/2026	0	4,210	0.00	No
6/12/2026	0	4,210	0.00	No
6/13/2026	0	4,210	0.00	No
6/14/2026	0	4,210	0.00	No
6/15/2026	0	3,940	0.00	No
6/16/2026	0	3,940	0.00	No
6/17/2026	0	3,940	0.00	No
6/18/2026	0	3,940	0.00	No
6/19/2026	0	3,940	0.00	No
6/20/2026	0	3,940	0.00	No
6/21/2026	0	3,940	0.00	No
6/22/2026	0	3,520	0.00	No
6/23/2026	0	3,520	0.00	No
6/24/2026	0	3,520	0.00	No
6/25/2026	0	3,520	0.00	No
6/26/2026	0	3,520	0.00	No
6/27/2026	0	3,520	0.00	No
6/28/2026	0	3,520	0.00	No
6/29/2026	0	3,720	0.00	No
6/30/2026	0	3,720	0.00	No

^[1] Maximum daily circulation rate conservatively used to estimate PM₁₀ 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. The facility was shut down on May 15, 2026 for its spring outage and remained offline through June 30, 2026 awaiting dispatch by the California Independent System Operator.

^[2] Daily emissions limit established in COC AQ-C7.

Malburg Generating Station
Quarterly Compliance Report
Appendix A, Tables 6, 7, 8 & 9

Reporting Period: **Quarter 2 2026**

Table 6. Monthly Turbine-Duct Burner Fuel Flow

Source	April		May		June	
	Fuel Flow (MMscf/month) ^[1]	Above 405 MMscf/month Limit? ^[2]	Fuel Flow (MMscf/month) ^[1]	Above 405 MMscf/month Limit? ^[2]	Fuel Flow (MMscf/month) ^[1]	Above 405 MMscf/month Limit? ^[2]
CTG 1	116.57		108.80		0.00	
CTG 1 Duct Burner	0.05		0.06		0.00	
Total CTG 1 & Duct Burner	116.61	No	108.87	No	0.00	No
CTG 2	99.88		0.00		0.0	
CTG 2 Duct Burner	0.06		0.00		0.00	
Total CTG 2 & Duct Burner	99.93	No	0.00	No	0.00	No

^[1] CTG and Duct Burner fuel flow data obtained from 'U1/U2_MonthlySummary_MassEmissionsAndFuel' and 'ALL_12MonthSummary_GasUsage' RegPerfect Reports.

^[2] Monthly fuel flow limit is per Condition of Certification (COC) AQ-27.

Table 7. Monthly Emissions - April 2026

Source	Monthly Emissions (lb/month) ^[1]					
	NO _x ^[2]	CO	VOC	SO _x	PM ₁₀ /PM _{2.5}	NH ₃ ^[3]
CTG 1 & Duct Burner	871	333	180	32	701	1,062
CTG 2 & Duct Burner	726	206	154	27	601	910
All CTGs & Duct Burners	1,597	539	334	59	1,302	1,971
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

^[1] Unless otherwise noted, monthly emissions data obtained from 'U1/U2_MonthlySummary_MassEmissionsAndFuel' RegPerfect Report.

^[2] Monthly NO_x emissions are as submitted to SCAQMD, based on the 'U1_U2MonthlyRECLAIMNOxSummaryByDay' RegPerfect Report.

^[3] Monthly NH₃ emissions are calculated using monthly fuel usage and default emission factors from the SCAQMD's AER Combustion Default Emission Factors - December 2024 and AER AB 2588 Quadrennial Air Toxics Emission Inventory Reporting Procedures - January 2025. The emission factors are 9.1 lbs/MMscf and 18.0 lbs/MMscf for the CTGs and Duct Burners, respectively.

^[4] Monthly emission limits are per COC AQ-5 and apply to emissions from both CTGs and both Duct Burners.

Table 8. Monthly Emissions - May 2026

Source	Monthly Emissions (lb/month) ^[1]					
	NO _x ^[2]	CO	VOC	SO _x	PM ₁₀ /PM _{2.5}	NH ₃ ^[3]
CTG 1 & Duct Burner	782	264	168	30	655	991
CTG 2 & Duct Burner	0	0	0	0	0	0
All CTGs & Duct Burners	782	264	168	30	655	991
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

^[1] Unless otherwise noted, monthly emissions data obtained from 'U1/U2_MonthlySummary_MassEmissionsAndFuel' RegPerfect Report.

^[2] Monthly NO_x emissions are as submitted to SCAQMD, based on the 'U1_U2MonthlyRECLAIMNOxSummaryByDay' RegPerfect Report.

^[3] Monthly NH₃ emissions are calculated using monthly fuel usage and default emission factors from the SCAQMD's AER Combustion Default Emission Factors - December 2024 and AER AB 2588 Quadrennial Air Toxics Emission Inventory Reporting Procedures - January 2025. The emission factors are 9.1 lbs/MMscf and 18.0 lbs/MMscf for the CTGs and Duct Burners, respectively.

^[4] Monthly emission limits are per COC AQ-5 and apply to emissions from both CTGs and both Duct Burners.

Table 9. Monthly Emissions - June 2026

Source	Monthly Emissions (lb/month) ^[1]					
	NO _x ^[2]	CO	VOC	SO _x	PM ₁₀ /PM _{2.5}	NH ₃ ^[3]
CTG 1 & Duct Burner	0	0	0	0	0	0
CTG 2 & Duct Burner	0	0	0	0	0	0
All CTGs & Duct Burners	0	0	0	0	0	0
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

^[1] Unless otherwise noted, monthly emissions data obtained from 'U1/U2_MonthlySummary_MassEmissionsAndFuel' RegPerfect Report.

^[2] Monthly NO_x emissions are as submitted to SCAQMD, based on the 'U1_U2MonthlyRECLAIMNOxSummaryByDay' RegPerfect Report.

^[3] Monthly NH₃ emissions are calculated using monthly fuel usage and default emission factors from the SCAQMD's AER Combustion Default Emission Factors - December 2024 and AER AB 2588 Quadrennial Air Toxics Emission Inventory Reporting Procedures - January 2025. The emission factors are 9.1 lbs/MMscf and 18.0 lbs/MMscf for the CTGs and Duct Burners, respectively.

^[4] Monthly emission limits are per COC AQ-5 and apply to emissions from both CTGs and both Duct Burners.

Malburg Generating Station
Quarterly Compliance Report
Appendix A, Table 10

Reporting Period: **Quarter 2 2026**

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.
CO	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 ₁₀ /PM _{2.5}	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

Month	Monthly Hours of Operation ^[1]			Fuel Usage (gal/month) ^[2]	Monthly Emissions (lb/month)					
	Maintenance	Testing	Emergency		NOx	CO	VOC	SOx	PM ₁₀ /PM _{2.5}	NH ₃
January	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
February	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
March	0.0	2.5	0.0	28.0	13.1	0.38	0.10	0.01	0.09	0.02
April	0.0	2.0	0.0	22.4	10.5	0.31	0.08	0.00	0.07	0.02
May	0.0	2.1	0.0	23.5	11.0	0.32	0.08	0.00	0.07	0.02
June	0.0	2.5	0.0	28.0	13.1	0.38	0.10	0.01	0.09	0.02
Q1 Total	0.0	6.5	0.0	72.8	34.1	1.0	0.2	0.0	0.2	0.1
Q2 Total	0.0	6.6	0.0	73.9	34.7	1.0	0.3	0.0	0.2	0.1
Annual Total	0.0	13.1	0.0	146.7	68.8	2.0	0.5	0.0	0.4	0.1
Annual Limit for Maintenance and Testing ^[3]			50							
Total Annual Limit ^[3]			200							
Exceeds Limits?			No							

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

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

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

Appendix B

Cooling Tower Blowdown Reports





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

April 02, 2026

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

Report No.: 2603215
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 March 30, 2026.

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



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.
Vernon, CA 90058

Attn: Matt Richards

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

File #: 74548
Report Date: 04/02/26
Submitted: 03/30/26
PLS Report No.: 2603215

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2603215-01) Sampled: 03/30/26 07:00 Received: 03/30/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	4200		1	mg/L	5.0	- SM 2540C	03/31/26	04/01/26	ss	BD60105

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD60105 - -									
Blank									
Prepared: 03/31/26 Analyzed: 04/01/26									
Total Dissolved Solids	ND	5.0	mg/L						
LCS									
Prepared: 03/31/26 Analyzed: 04/01/26									
Total Dissolved Solids	44.0	5.0	mg/L	50.0		88.0 80-120			
Duplicate									
Source: 2603217-01 Prepared: 03/31/26 Analyzed: 04/01/26									
Total Dissolved Solids	1050	5.0	mg/L		1100		4.51	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

Pick Owen Parker

Authorized Signature(s)





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

April 14, 2026

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

Report No.: 2604052
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 April 09, 2026.

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



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.
Vernon, CA 90058

Attn: Matt Richards

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

File #: 74548

Report Date: 04/14/26

Submitted: 04/09/26

PLS Report No.: 2604052

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2604052-01) Sampled: 04/09/26 07:30 Received: 04/09/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	4080		1	mg/L	5.0	- SM 2540C	04/13/26	04/13/26	ss	BD61306

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD61306 - -										
Blank										
Prepared & Analyzed: 04/13/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared & Analyzed: 04/13/26										
Total Dissolved Solids	53.0	5.0	mg/L	50.0		106	80-120			
Duplicate										
Source: 2604062-01 Prepared & Analyzed: 04/13/26										
Total Dissolved Solids	2170	5.0	mg/L		2240			3.24	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)



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

April 14, 2026

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

Report No.: 2604073
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 April 13, 2026.

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



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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 04/14/26
Submitted: 04/13/26
PLS Report No.: 2604073

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2604073-01) Sampled: 04/13/26 08:20 Received: 04/13/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	4060		1	mg/L	5.0	- SM 2540C	04/13/26	04/13/26	ss	BD61306

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD61306 - -										
Blank										
Prepared & Analyzed: 04/13/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared & Analyzed: 04/13/26										
Total Dissolved Solids	53.0	5.0	mg/L	50.0		106	80-120			
Duplicate										
Source: 2604062-01 Prepared & Analyzed: 04/13/26										
Total Dissolved Solids	2170	5.0	mg/L		2240			3.24	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 4/13/26 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2604073

CLIENT NAME: CITY OF VERNON			PROJECT NAME/NO. MALBURG GENERATING STATION WEEKLY			P.O.NO.			AIRBILL NO:											
ADDRESS: 4963 SOTO ST. VERNON CA 90058										ANALYSES REQUESTED				OBSERVED TEMP <u>1.52</u>						
PROJECT MANAGER MATT RICHARDS			PHONE NO:			FAX NO:							CORRECTED TEMP: <u>0.50</u>							
SAMPLER NAME: JOHN BARIE			SIGNATURE: <u>[Signature]</u>			THERMO ID: <u>67</u>														
TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal																				
CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																				
UST PROJECT: Y N GLOBAL ID#: --- -- -- -- -- -- -- -- -- --														SAMPLE CONDITIONS/ CONTAINER/COMMENTS						
SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS									
				WATER	SOIL	SLUDGE	OTHER		#	TYPE										
	<u>4/13/26</u>	<u>0822</u>	COOLING TOWER BLOWDOWN	X				N	1	P	X									

Relinquished by (Signature & Name): <u>MA</u>	Received by (Signature & Name): <u>[Signature]</u>	Date: <u>4.13.26</u>	Time: <u>0822</u>	SAMPLE DISPOSITION 1. Samples returned to client? Yes No 2. Samples will not be stored over 30 days, unless additional storage time is requested 3. Storage time requested: _____ days, By: _____ Date: _____
Relinquished by (Signature & Name):	Received by (Signature & Name):	Date:	Time:	
Relinquished by (Signature & Name):	Received by (Signature & Name):	Date:	Time:	

SPECIAL INSTRUCTION:

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

Arrived at the lab 4/13/26 0855

April 29, 2026

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

Report No.: 2604162
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 April 22, 2026.

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



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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 04/29/26
Submitted: 04/22/26
PLS Report No.: 2604162

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2604162-01) Sampled: 04/22/26 07:50 Received: 04/22/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	3920		1	mg/L	5.0	- SM 2540C	04/28/26	04/29/26	ss	BD62910

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD62910 - -										
Blank										
Prepared: 04/28/26 Analyzed: 04/29/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared: 04/28/26 Analyzed: 04/29/26										
Total Dissolved Solids	49.0	5.0	mg/L	50.0		98.0	80-120			
Duplicate										
Source: 2604202-01 Prepared: 04/28/26 Analyzed: 04/29/26										
Total Dissolved Solids	4040	5.0	mg/L		4160			2.81	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 4.22.16 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2604162

CLIENT NAME: CITY OF VERNON				PROJECT NAME/NO. MALBURG GENERATING STATION WEEKLY				P.O.NO.				AIRBILL NO:							
ADDRESS: 4963 SOTO ST. VERNON CA 90058												ANALYSES REQUESTED				OBSERVED TEMP <u>2.80C</u>			
PROJECT MANAGER MATT RICHARDS				PHONE NO:				FAX NO:				CORRECTED TEMP: <u>1.50C</u>							
SAMPLER NAME: JOHN BARIE				SIGNATURE: <u>[Signature]</u>								THERMO ID: _____							
TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal																			
CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																			
UST PROJECT: Y N GLOBAL ID#: _____																			
SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS					SAMPLE CONDITIONS/ CONTAINER/COMMENTS			
				WATER	SOIL	SLUDGE	OTHER		#	TYPE									
	<u>4/22/16</u>	<u>0730</u>	COOLING TOWER BLOWDOWN	X				N	1	P	X								

Relinquished by (Signature& Name): <u>[Signature]</u>	Received by (Signature & Name): <u>John Barie</u>	Date: <u>4/22/16</u>	Time: <u>0730</u>	SAMPLE DISPOSITION 1. Samples returned to client? Yes No 2. Samples will not be stored over 30 days, unless additional storage time is requested 3. Storage time requested: _____ days, By: _____ Date: _____
Relinquished by (Signature& Name):	Received by (Signature & Name):	Date:	Time:	
Relinquished by (Signature& Name):	Received by (Signature & Name):	Date:	Time:	

SPECIAL INSTRUCTION:

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

Arrived at the lab 4.22.16 1125

April 29, 2026

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

Report No.: 2604202
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 April 27, 2026.

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
4963 Soto St.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 04/29/26
Submitted: 04/27/26
PLS Report No.: 2604202
Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2604202-01) Sampled: 04/27/26 08:20 Received: 04/27/26											
Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch	
Total Dissolved Solids	4160		1	mg/L	5.0	- SM 2540C	04/28/26	04/29/26	ss	BD62910	

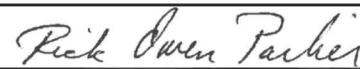
Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD62910 - -										
Blank										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Total Dissolved Solids	49.0	5.0	mg/L	50.0		98.0	80-120			
Duplicate										
Source: 2604202-01										
Total Dissolved Solids	4040	5.0	mg/L		4160			2.81	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 4-27-26 PAGE 1 OF 1781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

AIRBILL NO: _____

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2004202CLIENT NAME: City of VernonProject Name/No. Metroling Corrosion Station Weekly

P.O. NO. _____

OBSERV. TEMP: 17°CCORREC. TEMP: 0.3°CTHERMO ID: 67

ADDRESS: _____

ANALYSES REQUESTED: _____

PROJECT MANAGER: Matt Byrnes

PHONE NO: _____

FAX NO: _____

PRESERVATIVE: _____

SAMPLER NAME: Jan Brie (Printed) [Signature] (Signature)

REMARKS: _____

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		SAMPLE CONDITION/CONTAINER /COMMENTS:
				WATER	SOIL	SLUDGE	OTHER		#	TYPE	
1	4/27/26	0820	Coating Tower Maintenance	✓				1	1	P	✓
2											
3											
4											
5											
6											
7											
8											
9											
10											

Relinquished By: (Signature and Printed Name)

Received By: (Signature and Printed Name)

Date:

Time:

SAMPLE DISPOSITION:

1. Samples returned to client? YES NO

Relinquished By: (Signature and Printed Name)

Received By: (Signature and Printed Name)

Date:

Time:

2. Samples will not be stored over 30 days, unless additional storage time is requested.

Relinquished By: (Signature and Printed Name)

Received By: (Signature and Printed Name)

Date:

Time:

3. Storage time requested: _____ days

SPECIAL INSTRUCTIONS:

Arrived at the lab 4/27/26 0820

By _____ Date _____

PRESERVATIVE: 1-HNO₃, 2-H₂SO₄, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH₄ Buffer, 7-Other

LAB COPY

May 13, 2026

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

Report No.: 2605040
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 May 06, 2026.

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



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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 05/13/26
Submitted: 05/06/26
PLS Report No.: 2605040

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2605040-01) Sampled: 05/06/26 07:55 Received: 05/06/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	3860		1	mg/L	5.0	- SM 2540C	05/12/26	05/12/26	ss	BE61221

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BE61221 - -										
Blank										
Prepared & Analyzed: 05/12/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared & Analyzed: 05/12/26										
Total Dissolved Solids	48.0	5.0	mg/L	50.0		96.0	80-120			
Duplicate										
Source: 2605070-01										
Prepared & Analyzed: 05/12/26										
Total Dissolved Solids	4190	5.0	mg/L		4120			1.49	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 5-6-26 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2605040

CLIENT NAME: CITY OF VERNON				PROJECT NAME/NO. MALBURG GENERATING STATION WEEKLY				P.O.NO.				AIRBILL NO:											
ADDRESS: 4963 SOTO ST. VERNON CA 90058												ANALYSES REQUESTED				OBSERVED TEMP <u>18°C</u>							
PROJECT MANAGER MATT RICHARDS				PHONE NO:				FAX NO:				CORRECTED TEMP: <u>28°C</u>											
SAMPLER NAME: JOHN BARIE				SIGNATURE: <u>[Signature]</u>								THERMO ID: <u>67</u>											
TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal																							
CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																							
UST PROJECT: Y N GLOBAL ID#: - - - - -																							
SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS	SAMPLE CONDITIONS/ CONTAINER/COMMENTS											
				WATER	SOIL	SLUDGE	OTHER		#	TYPE													
	<u>5-6-26</u>	<u>0755</u>	COOLING TOWER BLOWDOWN	X				N	1	P	X												
Relinquished by (Signature& Name): <u>[Signature]</u>												Received by (Signature & Name): <u>[Signature]</u>				Date: <u>5-6-26</u> Time: <u>0755</u>				SAMPLE DISPOSITION 1. Samples returned to client? Yes No 2. Samples will not be stored over 30 days, unless additional storage time is requested 3. Storage time requested: _____ days, By: _____ Date: _____			
Relinquished by (Signature& Name):												Received by (Signature & Name):				Date: Time:							
Relinquished by (Signature& Name):												Received by (Signature & Name):				Date: Time:							
SPECIAL INSTRUCTION:																							

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

Arrived at the lab 5-6-26 1010

May 14, 2026

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

Report No.: 2605070
Project Name: Malburg Generating Station Weekly

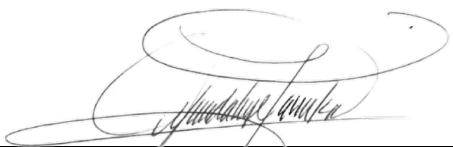
Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on May 11, 2026.

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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 05/13/26
Submitted: 05/11/26
PLS Report No.: 2605070

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2605070-01) Sampled: 05/11/26 08:25 Received: 05/11/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	4120		1	mg/L	5.0	- SM 2540C	05/12/26	05/12/26	ss	BE61221

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BE61221 - -										
Blank										
Prepared & Analyzed: 05/12/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared & Analyzed: 05/12/26										
Total Dissolved Solids	48.0	5.0	mg/L	50.0		96.0	80-120			
Duplicate										
Source: 2605070-01										
Prepared & Analyzed: 05/12/26										
Total Dissolved Solids	4190	5.0	mg/L		4120			1.49	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)

CHAIN OF CUSTODY AND ANALYSIS REQUEST

June 01, 2026

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

Report No.: 2605217
Project Name: Malburg Generating Station Weekly

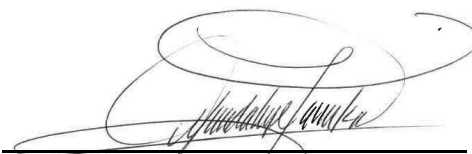
Dear Matt Richards,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on May 27, 2026.

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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 05/29/26
Submitted: 05/27/26
PLS Report No.: 2605217

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2605217-01) Sampled: 05/27/26 07:25 Received: 05/27/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	2280		1	mg/L	5.0	- SM 2540C	05/28/26	05/29/26	ss	BE62911

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BE62911 - -										
Blank										
Prepared: 05/28/26 Analyzed: 05/29/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared: 05/28/26 Analyzed: 05/29/26										
Total Dissolved Solids	51.0	5.0	mg/L	50.0		102	80-120			
Duplicate										
Source: 2605217-01 Prepared: 05/28/26 Analyzed: 05/29/26										
Total Dissolved Solids	2210	5.0	mg/L		2280			3.19	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 5/27/06 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2405217

CLIENT NAME: CITY OF VERNON				PROJECT NAME/NO. MALBURG GENERATING STATION WEEKLY				P.O.NO.				AIRBILL NO:																																																																																																																																																																																													
ADDRESS: 4963 SOTO ST. VERNON CA 90058												ANALYSES REQUESTED				OBSERVED TEMP <u>1.82</u>																																																																																																																																																																																									
PROJECT MANAGER MATT RICHARDS				PHONE NO:				FAX NO:				CORRECTED TEMP <u>0.02</u>																																																																																																																																																																																													
SAMPLER NAME: JOHN BARIE				SIGNATURE: <u>[Signature]</u>								THERMO ID: <u>67</u>																																																																																																																																																																																													
TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal																																																																																																																																																																																																									
CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																																																																																																																																																																																																									
UST PROJECT: Y N GLOBAL ID#: -----																																																																																																																																																																																																									
<table><tr><th rowspan="2">SAMPLE ID</th><th rowspan="2">DATE SAMPLED</th><th rowspan="2">TIME SAMPLED</th><th rowspan="2">SAMPLE DESCRIPTION</th><th colspan="4">MATRIX</th><th rowspan="2">TAT</th><th colspan="2">CONTAINER</th><th rowspan="2">TDS</th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2">SAMPLE CONDITIONS/ CONTAINER/COMMENTS</th></tr><tr><th>WATER</th><th>SOIL</th><th>SLUDGE</th><th>OTHER</th><th>#</th><th>TYPE</th></tr><tr><td></td><td><u>5/27/06</u></td><td><u>0725</u></td><td>COOLING TOWER BLOWDOWN</td><td>X</td><td></td><td></td><td></td><td>N</td><td>1</td><td>P</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS								SAMPLE CONDITIONS/ CONTAINER/COMMENTS	WATER	SOIL	SLUDGE	OTHER	#	TYPE		<u>5/27/06</u>	<u>0725</u>	COOLING TOWER BLOWDOWN	X				N	1	P	X																																																																																																																																																				
SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS												SAMPLE CONDITIONS/ CONTAINER/COMMENTS																																																																																																																																																																																		
				WATER	SOIL	SLUDGE	OTHER		#	TYPE																																																																																																																																																																																															
	<u>5/27/06</u>	<u>0725</u>	COOLING TOWER BLOWDOWN	X				N	1	P	X																																																																																																																																																																																														

Relinquished by (Signature & Name): <u>[Signature]</u>				Received by (Signature & Name): <u>[Signature]</u>				Date: <u>5/27/06</u>		Time: <u>0725</u>		SAMPLE DISPOSITION 1. Samples returned to client? Yes No 2. Samples will not be stored over 30 days, unless additional storage time is requested 3. Storage time requested: _____ days, By: _____ Date: _____			
Relinquished by (Signature & Name):				Received by (Signature & Name):				Date:		Time:					
Relinquished by (Signature & Name):				Received by (Signature & Name):				Date:		Time:					

SPECIAL INSTRUCTION:

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

Arrived at the lab 5/27/06 0820



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

June 15, 2026

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

Report No.: 2606032
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 04, 2026.

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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548

Report Date: 06/15/26

Submitted: 06/04/26

PLS Report No.: 2606032

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2606032-01) Sampled: 06/04/26 08:45 Received: 06/04/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	4000		1	mg/L	5.0	- SM 2540C	06/09/26	06/10/26	ss	BF61508

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-----------

Batch BF61508 - -

Blank Prepared: 06/09/26 Analyzed: 06/10/26

Total Dissolved Solids	ND	5.0	mg/L
------------------------	----	-----	------

LCS Prepared: 06/09/26 Analyzed: 06/10/26

Total Dissolved Solids	52.0	5.0	mg/L	50.0	104	80-120
------------------------	------	-----	------	------	-----	--------

Duplicate Source: 2606032-01 Prepared: 06/09/26 Analyzed: 06/10/26

Total Dissolved Solids	3970	5.0	mg/L	4000	0.544	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 6-4-26 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2606032

CLIENT NAME: CITY OF VERNON				PROJECT NAME/NO. MALBURG GENERATING STATION WEEKLY				P.O.NO.				AIRBILL NO:											
ADDRESS: 4963 SOTO ST. VERNON CA 90058												ANALYSES REQUESTED				OBSERVED TEMP <u>1.92</u>							
PROJECT MANAGER MATT RICHARDS				PHONE NO:				FAX NO:								CORRECTED TEMP: <u>0.92</u>							
SAMPLER NAME: JOHN BARIE				SIGNATURE: <u>[Signature]</u>				THERMO ID: <u>67</u>															
TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal																							
CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other																							
UST PROJECT: Y N GLOBAL ID#: --- -- -- -- -- -- -- -- --												TDS				SAMPLE CONDITIONS/ CONTAINER/COMMENTS							
SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER														
				WATER	SOIL	SLUDGE	OTHER		#	TYPE													
	<u>6-4-26</u>	<u>7:44</u>	COOLING TOWER BLOWDOWN	X				N	1	P	X												
Relinquished by (Signature& Name): <u>MA</u>												Received by (Signature & Name): <u>[Signature]</u>				Date: <u>6-4-26</u> Time: <u>09:30</u>				SAMPLE DISPOSITION 1. Samples returned to client? Yes No 2. Samples will not be stored over 30 days, unless additional storage time is requested 3. Storage time requested: _____ days, By: _____ Date: _____			
Relinquished by (Signature& Name):												Received by (Signature & Name):				Date: Time:							
Relinquished by (Signature& Name):												Received by (Signature & Name):				Date: Time:							
SPECIAL INSTRUCTION:																							

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

Arrived at the lab 6-4-26 0930



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

June 15, 2026

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

Report No.: 2606048
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 08, 2026.

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
 4963 Soto St.
 Vernon, CA 90058

Attn: Matt Richards

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

File #: 74548

Report Date: 06/15/26

Submitted: 06/08/26

PLS Report No.: 2606048
Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2606048-01) Sampled: 06/08/26 08:25 Received: 06/08/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	4210		1	mg/L	5.0	- SM 2540C	06/09/26	06/10/26	ss	BF61508

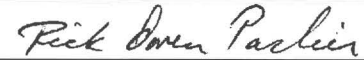
Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF61508 - -										
Blank										
Prepared: 06/09/26 Analyzed: 06/10/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared: 06/09/26 Analyzed: 06/10/26										
Total Dissolved Solids	52.0	5.0	mg/L	50.0		104	80-120			
Duplicate										
Source: 2606032-01 Prepared: 06/09/26 Analyzed: 06/10/26										
Total Dissolved Solids	3970	5.0	mg/L		4000			0.544	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)

CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 6/8/4 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2606048

[illegible]

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

Arrived at the lab 6:26 0900

June 25, 2026

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

Report No.: 2606136
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 18, 2026.

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.
Vernon, CA 90058

Attn: Matt Richards

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

File #:74548
Report Date: 06/25/26
Submitted: 06/18/26
PLS Report No.: 2606136

Project: Malburg Generating Station Weekly

Sample ID: Cooling Tower Blowdown Water (2606136-01) Sampled: 06/18/26 07:30 Received: 06/18/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	3940		1	mg/L	5.0	- SM 2540C	06/22/26	06/23/26	ss	BF62406

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF62406 - -										
Blank										
Prepared: 06/22/26 Analyzed: 06/23/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared: 06/22/26 Analyzed: 06/23/26										
Total Dissolved Solids	50.0	5.0	mg/L	50.0		100	80-120			
Duplicate										
Source: 2606113-02 Prepared: 06/22/26 Analyzed: 06/23/26										
Total Dissolved Solids	953	5.0	mg/L		935			1.94	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 6/18/06 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2606136

CLIENT NAME: CITY OF VERNON PROJECT NAME/NO. MALBURG GENERATING STATION WEEKLY P.O.NO. AIRBILL NO:

ADDRESS: 4963 SOTO ST. VERNON CA 90058 ANALYSES REQUESTED OBSERVED TEMP 28°C

PROJECT MANAGER MATT RICHARDS PHONE NO: FAX NO: CORRECTED TEMP: 1.8°C

SAMPLER NAME: JOHN BARIE SIGNATURE: [Signature] THERMO ID: 67

TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal

CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other

UST PROJECT: Y N GLOBAL ID#: - - - - -

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS											SAMPLE CONDITIONS/ CONTAINER/COMMENTS
				WATER	SOIL	SLUDGE	OTHER		#	TYPE												
	6/18/06	0730	COOLING TOWER BLOWDOWN	X				N	1	P	X											

Relinquished by (Signature & Name): <u>[Signature]</u>	Received by (Signature & Name): <u>[Signature]</u>	Date: <u>6/18/06</u>	Time: <u>0730</u>	SAMPLE DISPOSITION 1. Samples returned to client? Yes No 2. Samples will not be stored over 30 days, unless additional storage time is requested 3. Storage time requested: _____ days, By: _____ Date: _____
Relinquished by (Signature & Name):	Received by (Signature & Name):	Date:	Time:	
Relinquished by (Signature & Name):	Received by (Signature & Name):	Date:	Time:	

SPECIAL INSTRUCTION:

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

Arrived at the lab 6/18/06 620



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

July 01, 2026

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

Report No.: 2606183
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 24, 2026.

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.
Vernon, CA 90058

Attn: Matt Richards

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

Project: Malburg Generating Station Weekly

File #: 74548

Report Date: 07/01/26

Submitted: 06/24/26

PLS Report No.: 2606183

Sample ID: Cooling Tower Blowdown Water (2606183-01) Sampled: 06/24/26 08:25 Received: 06/24/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	3520		1	mg/L	5.0	- SM 2540C	06/30/26	06/30/26	ss	BF63021

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF63021 - -									
Blank									
Prepared & Analyzed: 06/30/26									
Total Dissolved Solids	ND	5.0	mg/L						
LCS									
Prepared & Analyzed: 06/30/26									
Total Dissolved Solids	44.0	5.0	mg/L	50.0		88.0 80-120			
Duplicate									
Source: 2606210-01 Prepared & Analyzed: 06/30/26									
Total Dissolved Solids	3770	5.0	mg/L		3720		1.25	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 6/24/26 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2606183

CLIENT NAME: CITY OF VERNON

PROJECT NAME/NO.

MALBURG GENERATING STATION WEEKLY

P.O.NO.

AIRBILL NO:

ADDRESS: 4963 SOTO ST. VERNON CA 90058

ANALYSES REQUESTED

OBSERVED TEMP 1.42

PROJECT MANAGER MATT RICHARDS

PHONE NO:

FAX NO:

CORRECTED TEMP: 0.42

SAMPLER NAME: JOHN BARIE

SIGNATURE: [Signature]

THERMO ID: 67

TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal

CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other

UST PROJECT: Y N GLOBAL ID#: - - - - -

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS								SAMPLE CONDITIONS/ CONTAINER/COMMENTS
				WATER	SOIL	SLUDGE	OTHER		#	TYPE									
	6/24/26	DB25	COOLING TOWER BLOWDOWN	X				N	1	P	X								

Relinquished by (Signature & Name):

MA

Received by (Signature & Name):

[Signature]

Date:

6/24/26

Time:

0825

SAMPLE DISPOSITION

1. Samples returned to client? Yes No
2. Samples will not be stored over 30 days, unless additional storage time is requested
3. Storage time requested: _____ days, By: _____ Date: _____

Relinquished by (Signature & Name):

Received by (Signature & Name):

Date:

Time:

Relinquished by (Signature & Name):

Received by (Signature & Name):

Date:

Time:

SPECIAL INSTRUCTION:

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

Arrived at the lab 6/24/26 DB25



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

July 01, 2026

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

Report No.: 2606210
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 29, 2026.

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.
Vernon, CA 90058

Attn: Matt Richards

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

Project: Malburg Generating Station Weekly

File #: 74548

Report Date: 07/01/26

Submitted: 06/29/26

PLS Report No.: 2606210

Sample ID: Cooling Tower Blowdown Water (2606210-01) Sampled: 06/29/26 07:30 Received: 06/29/26

Analyte	Results	Flag	D.F.	Units	PQL	Prep / Test Method	Prepared	Analyzed	By	Batch
Total Dissolved Solids	3720		1	mg/L	5.0	- SM 2540C	06/30/26	06/30/26	ss	BF63021

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF63021 - -										
Blank										
Prepared & Analyzed: 06/30/26										
Total Dissolved Solids	ND	5.0	mg/L							
LCS										
Prepared & Analyzed: 06/30/26										
Total Dissolved Solids	44.0	5.0	mg/L	50.0		88.0	80-120			
Duplicate										
Source: 2606210-01 Prepared & Analyzed: 06/30/26										
Total Dissolved Solids	3770	5.0	mg/L		3720			1.25	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)



CHAIN OF CUSTODY AND ANALYSIS REQUEST

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

DATE: 6/29/26 PAGE: 1 OF 1

FILE NO.: LAB NO.: 2606210

CLIENT NAME: CITY OF VERNON

PROJECT NAME/NO.

MALBURG GENERATING STATION WEEKLY

P.O.NO.

AIRBILL NO:

ADDRESS: 4963 SOTO ST. VERNON CA 90058

ANALYSES REQUESTED

PROJECT MANAGER MATT RICHARDS

PHONE NO:

FAX NO:

OBSERVED TEMP 13.2

CORRECTED TEMP 0.70

SAMPLER NAME: JOHN BARIE

SIGNATURE:

THERMO ID: 67

TAT (Turn-Around-Time): 0=Same Day; 1=24 Hour; 2=48Hour; (ETC.) N=Normal

CONTAINER TYPES: B=Brass; E=Encore/Easy Draw; P=Plastic; G=Glass; V=VOA Vial; O=Other

UST PROJECT: Y N GLOBAL ID#: -----

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX				TAT	CONTAINER		TDS											SAMPLE CONDITIONS/ CONTAINER/COMMENTS
				WATER	SOIL	SLUDGE	OTHER		#	TYPE												
	6/29/26	2:30	COOLING TOWER BLOWDOWN	X				N	1	P	X											

Relinquished by (Signature & Name):

MA

Received by (Signature & Name):

TS John Barie

Date:

6/29/26

Time:

5:00 6:30

SAMPLE DISPOSITION

1. Samples returned to client? Yes No
2. Samples will not be stored over 30 days, unless additional storage time is requested
3. Storage time requested: _____ days, By: _____ Date: _____

Relinquished by (Signature & Name):

Received by (Signature & Name):

Date:

Time:

Relinquished by (Signature & Name):

Received by (Signature & Name):

Date:

Time:

SPECIAL INSTRUCTION:

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

Arrived at the lab 6/29/26 2:30

Appendix C

Operation Logs



Malburg Generating Station

Appendix C, Table 1

**Combustion Turbine Generator (CTG) Startup and Shutdown Events
During Quarter 2, 2026**

CTG 1

Date	Event Type ^[1]	Event Start	Event End	Duration (hrs:min)
4/14/2026	Cold Start	17:59	19:15	1:16
5/15/2026	Stop	22:29	22:38	0:09

CTG 2

Date	Event Type ^[1]	Event Start	Event End	Duration (hrs:min)
4/14/2026	Stop	20:01	20:09	0:08

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

Malburg Generating Station
Appendix C, Table 2
Diesel Firewater Pump Testing Times
During Quarter 2, 2026

Date	Time (hh:mm)	Start Hours	End Hours	Event Type	Hours of Operation
4/7/2026	8:41	444.1	444.6	Testing	0.5
4/14/2026	8:51	444.6	445.1	Testing	0.5
4/21/2026	9:16	445.1	445.6	Testing	0.5
4/28/2026	11:29	445.6	446.1	Testing	0.5
5/5/2026	12:59	446.1	446.6	Testing	0.5
5/12/2026	17:10	446.6	447.1	Testing	0.5
5/26/2026 ^[1]	12:18	447.7	448.2	Testing	0.5
6/2/2026	11:28	448.2	448.7	Testing	0.5
6/9/2026	11:39	448.7	449.2	Testing	0.5
6/16/2026	8:02	449.2	449.7	Testing	0.5
6/23/2026	12:16	449.7	450.2	Testing	0.5
6/30/2026	7:16	450.2	450.7	Testing	0.5

^[1] An annual test was conducted by the fire protection system supplier during the plant's scheduled spring outage. Extra runtime reflected in starting read for May 26, 2026.

Appendix D

Diesel Fuel Oil Purchase Records



SC Commercial, LLC, DBA SC Fuels
PO BOX 14237
ORANGE, CA 92863-1237
(888) 723-8357

PLEASE REMIT ALL PAYMENTS TO:

PO BOX 14237

ORANGE, CA 92863-1237

ACCT NO (Bill-to)	10001045
--------------------------	----------

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

ACCT NO (Ship-to) 220001

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

ITEM CODE	ITEM DESCRIPTION	QTY ORDERED	QTY DEL	PACKAGE DESC	EXTENDED QTY	UNIT PRICE	EXT PRICE
QUOTE DO NOT DISPATCH							
235120981	CH DELO 400 SAE 40	1.00	_____	55 GAL DRUM	55.00 GALS	19.680000	1,082.40
	CA LUBE FEE				55.00	0.05	2.75
	CA OIL RECYCLING FEE				55.00	0.24	13.20
	SALES TAX- CA					10.50 %	115.33
	ULS NO2 DYED CARB	2.00	_____	55 GAL DRUM	110.00 GALS	5.543000	609.73
	CA AB32 ENV SURCHARGE-DSL				110.00	0.01	1.21
	FED DIESEL L.U.S.T. TAX				110.00	0.00	0.11
	FED SUPERFUND FEE- DSL				110.00	0.00	0.47
	SALES TAX- CA					10.50 %	64.22
DRUMDEPOSIT	DRUM DEPOSIT	3.00	_____		3.00	25.000000	75.00
FSC LUBES	FUEL SURCHARGE LUBES	1.00	_____		1.00	9.920000	9.92
	SALES TAX- CA					10.50 %	1.04
RCF LUBES	REG COMPLIANCE FEE LUBES	1.00	_____		1.00	12.950000	12.95
	SALES TAX- CA					10.50 %	1.36
						Order Total:	1,989.69

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

Received by	<i>customer signature</i>	Date:		Arrived Destination		AM PM
Printed Name	<i>customer first and last name</i>			Completed		AM PM
Driver's Signature				Truck #		
				Drum Credit		

Appendix E

Excess Emission Reports



Startup/Shutdown Excess Emissions Report

U1 CO Startup/Shutdown



From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station
Generated: 07/02/2026 00:20 **Location:** Vernon, California
Tag Name: U1_CO_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 748.67 Hours
Non-Operating Time: 1,435.33 Hours Report Time: 2,184.00 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: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station

Generated: 07/02/2026 00:20 **Location:** Vernon, California

Tag Name: U1_CO_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 748.67 Hours
Non-Operating Time: 1,435.33 Hours Report Time: 2,184.00 Hours



No invalid events were found in the reporting period.

Startup/Shutdown Excess Emissions Report

U1 NOx Startup/Shutdown



From: 04/01/2026 00:00 **To:** 07/02/2026 08:23 **Facility Name:** Malburg Generating Station
Generated: 07/02/2026 08:23 **Location:** Vernon, California
Tag Name: U1_NOxRECLM_LbPerHr_1M SI = SampleInvalid, * = Excess Emission
Total Operating Time: 748.67 Hours
Non-Operating Time: 1,467.73 Hours **Report Time:** 2,216.40 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 NOx Startup/Shutdown



From: 04/01/2026 00:00 **To:** 07/02/2026 08:23 **Facility Name:** Malburg Generating Station

Generated: 07/02/2026 08:23 **Location:** Vernon, California

Tag Name: U1_NOxRECLM_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 748.67 Hours
Non-Operating Time: 1,467.73 Hours Report Time: 2,216.40 Hours

--

No invalid events were found in the reporting period.

Startup/Shutdown Excess Emissions Report

U1 VOC Startup/Shutdown



From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station

Generated: 07/02/2026 08:24 **Location:** Vernon, California

Tag Name: U1_VOC_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 748.67 Hours
Non-Operating Time: 1,435.33 Hours Report Time: 2,184.00 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 VOC Startup/Shutdown

From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station
Generated: 07/02/2026 08:24 **Location:** Vernon, California
Tag Name: U1_VOC_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 748.67 Hours
Non-Operating Time: 1,435.33 Hours Report Time: 2,184.00 Hours

--

No invalid events were found in the reporting period.

Excess Emission Report

Unit 1 - CO ppmvdc 1-hour during Normal Operation

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:22 Location: Vernon, California



Tag Name: U1_CONormal_Ppmvdc_1H
Total Operating Time: 750.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,434.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	750.00 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 %

Excess Emission Report



Unit 1 - NOx ppmvdc 1-hour during Normal Operation

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:21 Location: Vernon, California

Tag Name: U1_NOxNormal_Ppmvdc_1H

Total Operating Time: 750.00 Hour(s)

No Exclusions Allowed

Non-Operating Time: 1,434.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	750.00 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 %

Excess Emission Report

Unit 1 - VOC ppmvdc 1-hour during Normal Operation

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:21 Location: Vernon, California



Tag Name: U1_VOCNormal_Ppmvdc_1H
Total Operating Time: 750.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,434.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	750.00 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 %

Excess Emission Report

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

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 00:20 Location: Vernon, California



Tag Name: U1_CO_3HrRoll_Ppmvdc_1H
Total Operating Time: 750.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,434.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	750.00 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: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:22 Location: Vernon, California



Tag Name: U1_NOx4H_Ppmvdc_1H
Total Operating Time: 750.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,434.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	750.00 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 %

Startup/Shutdown Event Report

U2 CO Startup/Shutdown Events



From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station

Generated: 07/02/2026 08:24 Location: Vernon, California

Tag Name: U2_CO_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 331.17 Hours
Non-Operating Time: 1,852.83 Hours Report Time: 2,184.00 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 Event Report

U2 CO Startup/Shutdown Events



From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station
Generated: 07/02/2026 08:24 **Location:** Vernon, California
Tag Name: U2_CO_LbPerHr_1M SI = SampleInvalid, * = Excess Emission
Total Operating Time: 331.17 Hours
Non-Operating Time: 1,852.83 Hours Report Time: 2,184.00 Hours

--

No invalid events were found in the reporting period.

Startup/Shutdown Excess Emissions Report

U2 NOx Startup/Shutdown



From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station

Generated: 07/02/2026 08:27 Location: Vernon, California

Tag Name: U2_NOxRECLM_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 331.17 Hours
Non-Operating Time: 1,852.83 Hours Report Time: 2,184.00 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



U2 NOx Startup/Shutdown

From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station
Generated: 07/02/2026 08:27 **Location:** Vernon, California
Tag Name: U2_NOxRECLM_LbPerHr_1M SI = SampleInvalid, * = Excess Emission
Total Operating Time: 331.17 Hours
Non-Operating Time: 1,852.83 Hours Report Time: 2,184.00 Hours

--

No invalid events were found in the reporting period.

Startup/Shutdown Event Report

U2 VOC Startup/Shutdown Events



From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station

Generated: 07/02/2026 08:28 **Location:** Vernon, California

Tag Name: U2_VOC_LbPerHr_1M SI = SampleInvalid, * = Excess Emission

Total Operating Time: 331.17 Hours
Non-Operating Time: 1,852.83 Hours Report Time: 2,184.00 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 Event Report

U2 VOC Startup/Shutdown Events



From: 04/01/2026 00:00 **To:** 06/30/2026 23:59 **Facility Name:** Malburg Generating Station
Generated: 07/02/2026 08:28 **Location:** Vernon, California
Tag Name: U2_VOC_LbPerHr_1M SI = SampleInvalid, * = Excess Emission
Total Operating Time: 331.17 Hours
Non-Operating Time: 1,852.83 Hours Report Time: 2,184.00 Hours

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No invalid events were found in the reporting period.

Excess Emission Report

Unit 2 - CO ppmvdc 1-hour during Normal Operation

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:26 Location: Vernon, California



Tag Name: U2_CONormal_Ppmvdc_1H
Total Operating Time: 332.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,852.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	332.00 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 %

Excess Emission Report

Unit 2 - NOx ppmvdc 1-hour during Normal Operation

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:25 Location: Vernon, California



Tag Name: U2_NOxNormal_Ppmvdc_1H
Total Operating Time: 332.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,852.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	332.00 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 %

Excess Emission Report

Unit 2 - VOC ppmvdc 1-hour during Normal Operation

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:26 Location: Vernon, California



Tag Name: U2_VOCNormal_Ppmvdc_1H
Total Operating Time: 332.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,852.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	332.00 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 %

Excess Emission Report

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

From: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:25 Location: Vernon, California



Tag Name: U2_CO_3HrRoll_Ppmvdc_1H
Total Operating Time: 332.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,852.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	332.00 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: 04/01/2026 00:00 To: 06/30/2026 23:59 Facility Name: Malburg Generating Station
Generated: 07/02/2026 08:27 Location: Vernon, California



Tag Name: U2_NOx4H_Ppmvdc_1H
Total Operating Time: 332.00 Hour(s) No Exclusions Allowed
Non-Operating Time: 1,852.00 Hour(s) Report Time: 2,184.00 Hour(s)

No incidents have been reported for this reporting period. Data is 100% in compliance.

Total Operating Time:	332.00 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 %