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Filer:	Anwar Ali
Organization:	Bicent (California) Malburg LLC
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MALBURG GENERATING STATION
4963 Soto Street
Vernon, CA 90058
Telephone: (323) 476-3610
Fax: (323) 476-3640

30 January 2020

Mr. Anwar Ali
Compliance Project Manager
California Energy Commission
Energy Facilities Siting Division
1516 9th Street, MS 2000
Sacramento, CA 95814-5512

Subject: Malburg Generating Station
2019 Annual Compliance Report

Dear Mr. Ali:

On behalf of the owner of the Malburg Generating Station, Bicent (California) Malburg LLC, Colorado Energy has compiled the attached Annual Compliance Report per the California Energy Commission Decision 01-AFC-25. A copy of the 2019 Hazardous Material Business Plan from CERS is also attached.

Please contact me at (303) 607-5590 or kmccormack@heorotpower.com if you have any questions or need additional information.

Sincerely,

Kyle McCormack
Environmental Manager

Attachments: 2019 MGS Annual Compliance Report
2019 Hazardous Materials Business Plan from CERS

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Fax: (323) 476-3640

2019 ANNUAL COMPLIANCE REPORT

MALBURG GENERATING STATION
4963 SOTO STREET, VERNON, CA 90058

SUBMITTED TO:

CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, SACRAMENTO, CA 95814

January 2020

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INTRODUCTION

This Annual Compliance Report has been prepared to meet the California Energy Commission (CEC) requirements for the Malburg Generating Station (MGS). This report fulfills various Conditions of Certifications as described in the California Energy Commission's Decision #01-AFC-25, May 2003 and amended in June 2019.

1.1 PROJECT LOCATION AND DESCRIPTION

The Malburg Generating Station is located at 4963 Soto Street on approximately 3.4 acres, in an industrial land use area. MGS is located 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 heat recovery steam generators (HRSG); a steam turbine-generator (STG); a cooling tower, a diesel fuel 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 each annual condition of certification and required means of verification which has not been completely satisfied is provided in Section 2. Each sub-section also contains a description of the method used by MGS to demonstrate compliance with the verification requirements and references to Appendices, Figures and Tables as appropriate.

1.3 SATISFIED CONDITIONS OF CERTIFICATION

Several Conditions of Certification have been completely satisfied during the construction and startup phases of the project. These conditions were the subject of a communication between MGS and CEC on 30 March 2011 and also a subsequent meeting on 15 April 2011. At this meeting, MGS and CEC staff reached agreement that the following Conditions of Certification have been completely satisfied and, therefore, are not addressed in any report to the CPM:

COM-1, COM-5, COM-7, COM-9, COM-10, COM-11, GEN-1, GEN-2, GEN-3, GEN-4, GEN-5, GEN-6, GEN-7, GEN-8, CIVIL-1, CIVIL-2, CIVIL-3, CIVIL-4, STRUC-1, STRUC-2, STRUC-3, STRUC-4, MECH-1, MECH-2, MECH-3, ELEC-1, TSE-1, TSE-2, TSE-3, TSE-4, TSE-5, TSE-6, TSE-7, TSE-8, TLSN-1, AQ-C1, AQ-C2, AQ-C3, AQ-C4, AQC12, AQ-C14, AQ-36, PUBLIC HEALTH-1, WORKER SAFETY-1, WORKER SAFETY-2, HAZ-2, HAZ-3, HAZ-4, HAZ-5, HAZ-8, WASTE-1, WASTE-2, SOILS & WATER-1, SOILS & WATER-2, SOILS & WATER-3, SOILS & WATER-6, SOILS & WATER-7, CUL-1, CUL-2, CUL-3, CUL-4, CUL-5, CUL-6, CUL-7, PAL-1, PAL-2, PAL-3, PAL-4, PAL-5, PAL-6, PAL-7, LAND-1, LAND-2, TRANS-1, TRANS-2, TRANS-3, TRANS-4, TRANS-5, TRANS-6, TRANS-7, TRANS-9, VIS-4, NOISE-1, NOISE-3, NOISE-4, NOISE-5, NOISE-6, NOISE-7, and NOISE-8.

SECTION 2

ANNUAL COMPLIANCE DETAILS

The compliance details for various conditions of certification are provided below.

2.1 CONDITION OF CERTIFICATION COM-2

As per the Condition of Certification Number COM-2, the project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, the Malburg Generating Station site remains accessible for Energy Commission staff and delegate agencies or consultants.

2.2 CONDITION OF CERTIFICATION COM-3

As per the Condition of Certification Number COM-3, the project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, the Malburg Generating Station files remain accessible for Energy Commission staff and delegate agencies or consultants.

2.3 CONDITION OF CERTIFICATION COM-4

As per the Condition of Certification Number COM-4, the project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, MGS acknowledges that it is responsible for the delivery and content of verification submittals to the CPM.

2.4 CONDITION OF CERTIFICATION COM-6

As per the Condition of Certification Number COM-6, the project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, the MGS – CEC Commission Decision Compliance Matrix is provided in Appendix A.

2.5 CONDITION OF CERTIFICATION COM-8

As per the Condition of Certification Number COM-8, after construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports (ACRs) which include specific information.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, MGS submits the following information to comply with the individual requirements:

1. ***An updated compliance matrix which shows the status of all conditions of certification (fully satisfied and/or closed conditions do not need to be included in the matrix after they have been reported as closed);*** An updated Compliance Matrix is provided in Appendix A.
2. ***A summary of the current project operating status and an explanation of any significant changes to facility operations during the year;*** The facility remains in operation and no significant changes have occurred during the year.
2. ***Documents required by specific conditions to be submitted along with the Annual Compliance Report. Each of these items must be identified in the transmittal letter, and should be submitted as attachments to the Annual Compliance Report;*** These documents are submitted as Appendices to the Report and are listed as such in the 'Attachments' section of this transmittal letter.
4. ***A cumulative listing of all post-certification changes approved by the Energy Commission or cleared by the CPM;*** No post-certification changes have been approved during the year.
5. ***An explanation for any submittal deadlines that were missed, accompanied by an estimate of when the information will be provided;*** No submittal deadlines were missed.
6. ***A listing of filings made to, or permits issued by, other governmental agencies during the year;*** Filings to governmental agencies were submitted as required during the year, including Annual Compliance Certification to SCAQMD and EPA, Semi-Annual Monitoring Report to SCAQMD, daily, monthly and electronic NOx reports to AQMD, Quarterly Certification of Emission Reports (QCER) to AQMD, quarterly EDR's to EPA, Annual Emissions Inventory to SCAQMD, Annual Greenhouse Gas Report to CARB and EPA, source testing notification and test report to SCAQMD, Annual Permit Emissions Program (APEP) report to SCAQMD, Annual Storm Water Discharge Report to Los Angeles County Sanitation Districts, and Semi-Annual Industrial WW Monitoring Report to Los Angeles County Sanitation Districts.
An Air permit was issued by AQMD on May 7, 2019.
7. ***A projection of project compliance activities scheduled during the next year;*** Aside from sampling, testing, monitoring and reporting according to various

permits and the CEC Decision, no additional project compliance activities are scheduled.

8. ***A listing of the year's additions to the on-site compliance file***; All test and monitoring results, reports, filings, and other evidence of compliance with various permits and the CEC Decision were added to the plant files. Please refer to Condition #6 for specific items.

9. ***An evaluation of the on-site contingency plan for unplanned facility closure, including any suggestions necessary for bringing the plan up to date;*** As there have been no changes to the configuration or operation of the plant during the year, no changes or suggestions resulted from an evaluation of this plan.

10. ***A listing of complaints, notices of violation, official warnings, and citations received during the year, a description of the resolution of any resolved complaints, and the status of any unresolved complaints;***

- A Notice to Comply #45029 was issued November 06, 2019.

11. ***A listing of all outages planned for the coming year and a listing of all outages that occurred during the previous year, including the anticipated duration and the reason for each outage occurrence.***

- May 5, 2019 thru May 11, 2019, General Semi-Annual Maintenance.
- November 3, 2019 thru November 8, 2019, General Semi-Annual Maintenance.
- May 3, 2020 thru May 8, 2020; Spring Outage, General Semi-Annual Maintenance
- November 1, 2020 0000 thru November 6, 2020 2400; Fall Outage, general semi-annual maintenance, BOP specific scope of work to be determined.

2.6 CONDITION OF CERTIFICATION COM-12

As per the Condition of Certification Number COM-12, within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, MGS shall report to the CPM all notices, complaints and citations.

A Notice to Comply #45029 was issued by AQMD on November 06, 2019. A copy of the notice is located in the Appendix I.

2.7 CONDITION OF CERTIFICATION COM-13

As per the Condition of Certification Number COM-13, the project owner shall submit a closure plan to the CPM at least twelve months prior to commencement of a planned closure.

No specific means of verification of the above condition of certification are listed in the Decision.

As demonstration of compliance, MGS shall submit a closure plan to the CPM at least twelve months prior to commencement of a planned closure, but at this time MGS remains in operation.

2.8 CONDITION OF CERTIFICATION COM-14

As per the Condition of Certification Number COM-14, to ensure that public health and safety and the environment are protected in the event of an unplanned temporary closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation. The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times.

For verification of the above condition of certification, the project owner, in consultation with the CPM, will update the on-site contingency plan as necessary. The CPM may require revisions to the on-site contingency plan over the life of the project. In the annual compliance reports submitted to the Energy Commission, the project owner will review the on-site contingency plan, and recommend changes to bring the plan up to date. Any changes to the plan must be approved by the CPM. In the event of an unplanned temporary closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan.

As demonstration of compliance, MGS has submitted the on-site contingency plan as scheduled. MGS will review the on-site contingency plan as part of preparation for the annual compliance reports, and recommend changes to bring the plan up to date.

During this year, MGS recommends no changes to the plan. In the event of an unplanned temporary closure, MGS shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan.

2.9 CONDITION OF CERTIFICATION COM-15

As per the Condition of Certification Number COM-15, to ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation.

For verification of the above condition of certification, all of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure.

As demonstration of compliance, MGS remains in operation. In the event of an unplanned permanent closure, MGS shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan.

2.10 CONDITION OF CERTIFICATION COM-16

As per the Condition of Certification Number COM-16, the project owner must petition the Energy Commission to delete or change a condition of certification, modify the

project design or operational requirements and/or transfer ownership of operational control of the facility.

No specific means of verification of the above condition of certification are listed in the Decision.

A Petition to Amend the Final Decision for the Malburg Generating Station (01-AFC-25C) was submitted on November 17, 2017 and was approved in June 2019.

2.11 CONDITION OF CERTIFICATION AQ-C5

As per the Condition of Certification Number AQ-C5, no chromium containing compounds shall be added to cooling tower circulating water.

For verification of the above condition of certification, MGS shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains accessible for inspection by representatives of the District, ARB, U.S. EPA and Energy Commission.

2.12 CONDITION OF CERTIFICATION AQ-C13

As per the Condition of Certification Number AQ-C13, MGS shall submit to the CPM for review and approval any modification proposed by either MGS or issuing agency to any project air permit.

For verification of the above condition of certification, MGS shall submit any proposed air permit modification to the CPM within five working days of its submittal either by MGS to an agency or receipt of proposed modifications from an agency. MGS shall submit all modified air permits to the CPM within 15 days of receipt.

A facility permit to (operate) construct was issued to MGS by the SCAQMD dated May 7, 2019. A copy of the permit modifications issued by the district was sent to the CPM for review.

2.13 CONDITION OF CERTIFICATION AQ-1

As per the Condition of Certification Number AQ-1, except for open abrasive blasting operations, MGS shall not discharge into the atmosphere from any single source of emissions whatsoever any contaminant for a period or periods aggregating more than three minutes in any one hour which is: a) As dark or darker in shade as that designated No. 1 on the Ringlemann Chart, as published by the United States Bureau of Mines; or b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

For verification of the above condition of certification, MGS shall make the Malburg Generating Facility site accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains accessible for Energy Commission staff and delegate agencies or consultants.

2.14 CONDITION OF CERTIFICATION AQ-4

This condition has been removed.

2.15 CONDITION OF CERTIFICATION AQ-16

As per the Condition of Certification Number AQ-16, MGS shall install and maintain a pressure relief valve set at 25 psig in the ammonia storage tank.

For verification of the above condition of certification, MGS shall make the ammonia storage tank available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station ammonia storage tank remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.16 CONDITION OF CERTIFICATION AQ-17

As per the Condition of Certification Number AQ-17, MGS shall install and maintain a non-resettable elapsed time meter into the firewater pump to accurately indicate the elapsed operating time of the engine.

For verification of the above condition of certification, MGS shall make the firewater pump available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station firewater pump remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.17 CONDITION OF CERTIFICATION AQ-18

As per the Condition of Certification Number AQ-18, MGS shall install and maintain a non-resettable totalizing fuel meter to accurately indicate the fuel usage of the turbines.

For verification of the above condition of certification, MGS shall make the turbine fuel meters available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station firewater pump remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.18 CONDITION OF CERTIFICATION AQ-19

As per the Condition of Certification Number AQ-19, MGS shall install and maintain a flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH3). MGS shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

For verification of the above condition of certification, MGS shall submit to CPM for approval the design drawing that clearly show the flow meter and recording device for the ammonia injection grid no less than 90 days prior to installation of the ammonia

injection grid. MGS shall submit to the CPM for approval the annual calibration report for the flow meter and recording device as part of the annual compliance report.

As demonstration of compliance, MGS has submitted to CPM for approval the design drawing that clearly show the flow meter and recording device for the ammonia injection grid as scheduled. MGS will include with each annual compliance report the annual calibration records for the NH3 flow meter. The calibration report for the NH3 Flow Meter for the compliance year is provided in Appendix B. The information demonstrates that the NH3 Flow Meter has been certified.

2.19 CONDITION OF CERTIFICATION AQ-20

As per the Condition of Certification Number AQ-20, MGS shall install and maintain a temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the SCR reactor. MGS shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.
For verification of the above condition of certification, MGS shall submit to CPM for approval the design drawing that clearly show the temperature gauge and recording device for the inlet to the SCR reactor no less than 90 days prior to installation of the SCR. MGS shall submit to the CPM for approval the annual calibration report for the temperature gauge and recording device as part of the annual compliance report.

As demonstration of compliance, MGS has submitted to CPM for approval the design drawing that clearly show the temperature gauge and recording device for the inlet to the SCR reactor as scheduled. MGS will include with each annual compliance report the annual calibration records for the SCR temperature gauge. The calibration report for the SCR Temperature Gauge for the compliance year is provided in Appendix C. The information demonstrates that the SCR Temperature Gauge has been certified.

2.20 CONDITION OF CERTIFICATION AQ-21

As per the Condition of Certification Number AQ-21, MGS shall install and maintain a pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches of water column. MGS shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

For verification of the above condition of certification, MGS shall submit to CPM for approval the design drawing that clearly show the pressure gauge and recording device across the SCR reactor no less than 90 days prior to installation of the SCR. The City of Vernon shall submit to the CPM for approval the annual calibration report for the pressure gauge and recording device as part of the annual compliance report.

As demonstration of compliance, MGS has submitted to CPM for approval the design drawing that clearly show the pressure gauge and recording device across the SCR reactor as scheduled. MGS will include with each annual compliance report the annual calibration records for the SCR pressure gauge. The calibration report for the SCR

Pressure Gauge for the compliance year is provided in Appendix D. The information demonstrates that the SCR Pressure Gauge has been certified.

2.21 CONDITION OF CERTIFICATION AQ-23

As per the Condition of Certification Number AQ-23, MGS shall conduct source tests for the pollutants identified below:

- VOC Emissions
- SOx Emissions
- PM Emissions

For verification of the above condition of certification, MGS shall submit for approval to the District and the CPM the required source testing protocol no less than 45 days prior to the date of the source test. MGS shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. MGS shall submit to the District and CPM for approval the results of the source test no later than 60 days following the date of the source test.

As demonstration of compliance, MGS submits notification of test dates and Test Protocol to the District no less than 10 days prior to the date of the source test as required in the RECLAIM/Title V Permit and to the CPM no less than 45 days prior to the date of the source test. MGS submits the results of the initial source test to the District and CPM no later than 60 days following the date of the source test.

2.22 CONDITION OF CERTIFICATION AQ-24

As per the Condition of Certification Number AQ-24, MGS shall conduct source testing for the pollutant identified below:

-NH3 Emissions

For verification of the above condition of certification, MGS shall submit for approval to the District and the CPM the required source testing protocol no less than 45 days prior to the date of the source test. MGS shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. MGS shall submit to the District and CPM for approval the results of the source test no later than 60 days following the date of the source test.

As demonstration of compliance, MGS submits notification of test dates and Test Protocol to the District no less than 10 days prior to the date of the source test as required in the RECLAIM/Title V Permit and to the CPM no less than 45 days prior to the date of the source test. MGS submits the results of the initial source test to the District and CPM no later than 60 days following the date of the source test.

2.23 CONDITION OF CERTIFICATION AQ-25

As per the Condition of Certification Number AQ-25, MGS shall install and maintain a CEMS in each exhaust stack of the combustion turbine-HRSG trains to measure listed parameters.

For verification of the above condition of certification, MGS shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.24 CONDITION OF CERTIFICATION AQ-26

As per the Condition of Certification Number AQ-26, MGS shall install and maintain a CEMS to measure listed parameters.

For verification of the above condition of certification, MGS shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.25 CONDITION OF CERTIFICATION AQ-28

As per the Condition of Certification Number AQ-28, MGS shall vent combustion turbines and HRSGs to the CO oxidation/SCR control system whenever the turbines are in operation.

For verification of the above condition of certification, MGS shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.26 CONDITION OF CERTIFICATION AQ-29

As per the Condition of Certification Number AQ-29, MGS shall vent ammonia storage tank, during filling, only to the vessel from which it is being filled.

For verification of the above condition of certification, MGS shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.27 CONDITION OF CERTIFICATION AQ-30

As per the Condition of Certification Number AQ-30, for the purpose of the following condition number(s), “continuously record” shall be defined as recording at least once every hour and shall be calculated upon the average of the continuous monitoring for that hour. Condition of Certification **AQ-17** Condition of Certification **AQ-18**

For verification of the above condition of certification, MGS shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.28 CONDITION OF CERTIFICATION AQ-31

As per the Condition of Certification Number AQ-31, for the purpose of the following condition number(s), “continuously record” shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that month. Condition of Certification **AQ-19**

For verification of the above condition of certification, MGS shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.

As demonstration of compliance, the Malburg Generating Station site remains available for inspection by the District, ARB, U.S. EPA and Energy Commission.

2.29 CONDITION OF CERTIFICATION AQ-32

As per Condition of Certification AQ-32, the MGS electric generating equipment shall not be operated unless the City of Vernon demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the City of Vernon demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility hold sufficient RTCs in an amount equal to the annual emission increase. The City of Vernon shall submit all such information to the CPM for approval.

For verification of the above condition of certification, MGS shall submit all identified evidence demonstrating compliance to the CPM on an annual basis as part of the annual compliance report.

As demonstration of compliance, the NOx RECLAIM annual emission allocation information received from the SCAQMD for the compliance year for the Bicent (California) Malburg LLC facility are provided in Appendix E. The information demonstrates that the MGS facility held sufficient NOx RTCs to offset the annual emission increase.

2.30 CONDITION OF CERTIFICATION AQ-33

As per the Condition of Certification Number AQ-33, MGS shall provide to the District a source test report in accordance with listed specifications.

For verification of the above condition of certification, MGS shall submit to the CPM the required source test of Conditions of Certification **AQ-21**, **-22 and -23** in compliance with this condition.

As demonstration of compliance, MGS submitted to the CPM a copy of the 2019 Compliance Test Reports on March 27, 2019 and the Triennial Compliance testing reports on October 16, 2019.

2.31 CONDITION OF CERTIFICATION AQ-34

As per the Condition of Certification Number AQ-34, MGS shall keep records, in a manner approved by the District, for listed parameters or items.

For verification of the above condition of certification, MGS shall make these records available to the CPM upon request.

As demonstration of compliance, MGS will make the listed records available to the CPM upon request.

2.32 CONDITION OF CERTIFICATION AQ-35

As per the Condition of Certification Number AQ-35, MGS shall keep records, in a manner approved by the District, for the date of operation, the elapsed time, in hour and the reason for operation of the emergency diesel powered generators and/or the firewater pump.

For verification of the above condition of certification, the CEC requires MGS to submit all identified evidence demonstrating compliance to the CPM on an annual basis as part of the compliance report.

As demonstration of compliance, the date of operation, the elapsed time, in hour and the reason for operation of are provided in Table 2-17. MGS refrained from testing the diesel fired emergency firewater pump on the same hour the combustion turbines were either started or shutdown.

2.33 CONDITION OF CERTIFICATION HAZ-1

As per Condition of Certification HAZ-1, the project owner shall not use any hazardous materials not listed in Appendix C of the Commission Decision Document, or in greater quantities than those identified by chemical name in Appendix C, unless approved in advance by the City of Vernon and the CPM.

For verification of the above condition of certification, the project owner shall provide to the CPM, in the annual compliance report, a list of hazardous materials contained at the facility in reportable quantities.

As demonstration of compliance, CEM provides the following list of hazardous materials stored at the facility during the compliance year in reportable quantities.

- Aqueous Ammonia 19% Concentration

2.34 CONDITION OF CERTIFICATION HAZ-6

As per Condition of Certification HAZ-6, the project owner shall require that the gas pipeline undergo a complete design review and detailed inspection every five years.

For verification of the above condition of certification, at least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide outline of the plan to accomplish a full and comprehensive pipeline design review to the CPM for review and approval. The full and complete plan shall be amended, as appropriate, and submitted to the CPM for review and approval, not later than one year before the plan is implemented by the project owner.

As demonstration of compliance, the original documents prior to initial gas flow were submitted as scheduled. The requirement for a follow up review and inspection was satisfied on 30 November 2010, per CEC transmittal. Verification of the five year inspection due in 2015 by the City of Vernon is still pending.

2.35 CONDITION OF CERTIFICATION HAZ-7

As per Condition of Certification HAZ-7, the project owner shall require that the gas pipeline undergo a detailed inspection after any significant seismic event in the area where surface rupturing occurs within one mile of the pipeline, or every 5 years.

For verification of the above condition of certification, at least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake to the CPM for review and approval. This plan shall be reviewed and amended, as appropriate, and submitted to the CPM for review and approval, at least every five years.

As demonstration of compliance, the original documents prior to initial gas flow were submitted as scheduled. MGS certifies that there was no significant seismic activity in the compliance year. The requirement for a follow up review and inspection was satisfied on January 29, 2013. Verification of the five year inspection due by the City of Vernon is pending.

2.36 CONDITION OF CERTIFICATION WASTE-3

As per the Condition of Certification Number WASTE-3, MGS shall upon becoming aware of any impending waste management enforcement action by any local, state or federal authority, notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste haulers or disposal facility or treatment operator with which the MGS contracts.

For verification of the above condition of certification, the project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.

As demonstration of compliance, MGS hereby certifies it became aware of no impending action taken or proposed for any waste management activity related to MGS in the compliance year.

2.37 CONDITION OF CERTIFICATION WASTE-4

As per the Condition of Certification Number WASTE-4, the project owner shall prepare a Construction Waste Management Plan and an Operation Waste Management Plan for

all wastes generated during construction and operation of the facility, respectively, and shall submit both plans to the City of Vernon, Environmental Health Department and the City of Vernon Fire Department for comment and to the CPM for review and approval. The plans shall contain, at a minimum, the following: A description of all waste streams, including projections of frequency, amounts generated and hazard classifications; and methods of managing each waste, including treatment methods and companies contracted with for treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/reduction plans.

For verification of the above condition of certification, no less than 30 days prior to the start of site mobilization, the project owner shall submit the Construction Waste Management Plan to the City of Vernon Environmental Health Department, City of Vernon Fire Department, and CPM. The operation waste management plan shall be submitted no less than thirty (30) days prior to the start of project operation. The project owner shall submit any required revisions within 20 days of notification by the CPM. In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year compared to the planned management methods.

As demonstration of compliance, submittals of the Construction Waste Management Plan and the Operation Waste Management Plan were submitted as scheduled prior to the start of project operation. No notification has been received by MGS from the CPM that revisions to the Operation Waste Management Plan are required. Actual waste management methods used during the year were consistent with planned management methods.

2.38 CONDITION OF CERTIFICATION SOIL & WATER-4

As per Condition of Certification SOIL & WATER-4, the project owner shall install metering devices and record on a monthly basis the amount of water, listed by source (potable and reclaimed) used by the project. The annual summary shall include the monthly range and monthly average of daily usage in gallons per day, and total water used by the project on a monthly and annual basis in acre-feet. The annual summary shall also include the yearly range and yearly average water use by the project.

For verification of the above condition of certification, the project owner shall submit an annual water use summary to the CPM as part of its annual compliance report for the life of the project.

As demonstration of compliance, the compliance year water use summary is provided in Tables 2-18, 2-19 and 2-20 of Appendix G.

2.39 CONDITION OF CERTIFICATION SOIL & WATER-5

As per Condition of Certification Number SOIL & WATER-5, the project owner shall not use potable water for process cooling water for more than 9 days (216 hours) per calendar year.

For verification of the above condition of certification, the project owner shall include a detailed summary of all potable water and reclaimed water used for process water in the Annual Compliance Report.

As demonstration of compliance, a summary of potable water used during the compliance year is provided in Tables 2-19 of Appendix G.

2.40 CONDITION OF CERTIFICATION CUL-8

As per Condition of Certification CUL-8, the project owner shall ensure that Station A is maintained in accordance with the Secretary of the Interior's Standards for the Treatment of Historic Properties (1995) (36 CFR Part 68). The project owner shall provide a summary of maintenance activities completed within each calendar year.

For verification of the above condition of certification, in each annual compliance report, the project owner shall include the summary of Station A maintenance activities completed within the last calendar year.

As demonstration of compliance, a Station A Maintenance Summary Report for the compliance year is provided in Appendix F.

2.41 CONDITION OF CERTIFICATION TRANS-8

As per Condition of Certification TRANS-8, the project owner shall only use the preferred and alternate truck travel routes for deliveries of aqueous ammonia to the MGS site. The preferred route shall be from Interstate 710, exiting at the Bandini Boulevard. Trucks will then travel west along Bandini Boulevard, south on Soto Avenue, and finally west on 50th Street to the MGS. The City shall use this route unless it notifies the CPM otherwise and the CPM approves.

For verification of the above condition of certification, the project owner may alter the final truck travel route only upon prior approval of the CPM.

As demonstration of compliance, the originally mandated route and alternate route have been communicated to the aqueous ammonia supplier and use of these routes is mandated by MGS. MGS may alter the final truck travel route only upon prior approval of the CPM.

2.42 CONDITION OF CERTIFICATION VIS-1

As per Condition of Certification VIS-1, the project owner shall design and install all permanent lighting such that light bulbs and reflectors are not visible from public viewing areas; lighting does not cause reflected glare, and illumination of the project, the vicinity and the nighttime sky is minimized.

For verification of the above condition of certification, at least 60 days prior to ordering any permanent exterior lighting, the project owner shall submit to the CPM for review and comment written documentation describing the lighting control measures and fixtures, hoods, shields proposed for use, and incorporate the CPM’s comments in lighting equipment orders. Prior to first turbine roll, the project owner shall notify the CPM that the lighting has been completed and is ready for inspection. If the CPM notifies the project owner that modifications to the lighting are needed to minimize impacts, within 30

days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed. The project owner shall report any complaints about permanent lighting and provide documentation of resolution in the Annual Compliance Report, accompanied by any lighting complaint resolution forms for that year.

As demonstration of compliance, written documentation describing the lighting control measures was submitted as scheduled prior to first turbine roll. The CPM was notified that the lighting had been completed and was ready for inspection. No subsequent notification has been received from the CPM that modifications to the lighting are needed to minimize impacts. MGS certifies that there were no lighting related complaints in the compliance year.

2.43 CONDITION OF CERTIFICATION VIS-2

As per Condition of Certification VIS-2, the project owner shall paint or treat the surfaces of all project structures and buildings visible to the public in a gray color to blend with the existing Station “A” building. Surfaces shall be treated with finishes that minimize glare. The project owner shall ensure proper treatment maintenance for the life of the project. For verification of the above condition of certification, at least 30 days prior to the start of commercial operation, the project owner shall notify the CPM that all buildings and structures are ready for inspection. The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.

As demonstration of compliance, the CPM was notified as scheduled that all buildings and structures were ready for inspection. All project structures on the MGS site are matching in color to the pre-existing structure of Station ‘A’. Following maintenance activities, a gray color coating was applied where required.

2.44 CONDITION OF CERTIFICATION VIS-3

As per Condition of Certification VIS-2, the project owner shall plant trees along the east side of the MGS site to enhance views of the new power plant from Soto Street, consistent with the City of Vernon General Plan policy 1.3. The project owner shall ensure proper maintenance of the trees for the life of the project.

For verification of the above condition of certification, at least 30 days prior to the start of commercial operation, the project owner shall notify the CPM that the trees are ready for inspection. The project owner shall provide a status report regarding tree maintenance in the Annual Compliance Report.

Landscaping and tree maintenance activities are performed by the City of Vernon and included maintenance of lawns, flower beds, and trees outside Station “A”.

2.45 CONDITION OF CERTIFICATION NOISE-2

As per Condition of Certification Noise-2, throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints.

For verification of the above condition of certification, within 30 days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, or

similar instrument approved by the CPM, with The Project Owner Director of Community Services & Water and the City of Huntington Park Senior Planner and with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a 30-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is finally implemented.

No Noise complaints were received during 2019. A copy of the noise complaint log is provided in Appendix H.

APPENDIX A

MGS CEC COMMISSION DECISION COMPLIANCE MATRIX

Malburg Generating Station
CEC Conditions of Certification
Compliance Matrix

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
COM-1				Condition completely satisfied.
COM-2	Access	The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.	None Specified	The Malburg Generating Facility site remains accessible for Energy Commission staff and delegate agencies or consultants.
COM-3	Compliance Record	The project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	None Specified	Project files are on site. Energy Commission staff and delegate agencies are given unrestricted access to the files.
COM-4	Compliance Verification Submittals	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	None Specified	MGS is responsible for the delivery and content of all verification submittals to the CPM.
COM-5				Condition completely satisfied.
COM-6	Compliance Matrix	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.	None Specified	This matrix satisfies the requirement and will be submitted with each annual compliance report.
COM-7				Condition completely satisfied.
COM-8	Annual Compliance Reports	After construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports (ACRs) which include specific information. The first ACR is due after the air district has issued a Permit to Operate.	Eleven specific requirements are listed in the Decision	Reports are submitted annually as required. Responses to the eleven specific requirements are included in the Annual Fourth Quarter Compliance Report.
COM-9				Condition completely satisfied.
COM-10				Condition completely satisfied.
COM-11				Condition completely satisfied.
COM-12	Reporting of Complaints, Notices and Citations	Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	None Specified	MGS shall report all notices, complaints, and citations to the CPM within 10 days of receipt. If no such item is received, this is verified in each annual report.
COM-13	Planned Facility Closure	The project owner shall submit a closure plan to the CPM at least twelve months prior to commencement of a planned closure.	None Specified	MGS will submit plan as required at closure of facility. No action required until that time, but facility non-closure is affirmed in each annual report.
COM-14	Unplanned Temporary Facility Closure	To ensure that public health and safety and the environment are protected in the event of an unplanned temporary closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation. The approved plan must be in place prior to commercial	The project owner, in consultation with the CPM, will update the on-site contingency plan as necessary. The CPM may require revisions to the on-site contingency plan over the life of the project. In the annual compliance reports submitted to the Energy	MGS will review the on-site contingency plan in the annual compliance reports, and recommend changes to bring the plan up to date. In the event of an unplanned temporary closure, MGS shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
		operation of the facility and shall be kept at the site at all times.	Commission, the project owner will review the on-site contingency plan, and recommend changes to bring the plan up to date. Any changes to the plan must be approved by the CPM. In the event of an unplanned temporary closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan.	all necessary steps to implement the on-site contingency plan.
COM-15	Unplanned Permanent Facility Closure	To ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation.	All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure.	In the event of an unplanned permanent closure, MGS shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan. No action required until that time, but facility non-closure should be affirmed in each annual report.
COM-16	Post certification changes to the Decision	The project owner must petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	None Specified	Whether or not such a submission has taken place during the prior year is addressed in each annual report.
GEN-1				Condition completely satisfied.
GEN-2				Condition completely satisfied.
GEN-3				Condition completely satisfied.
GEN-4				Condition completely satisfied.
GEN-5				Condition completely satisfied.
GEN-6				Condition completely satisfied.
GEN-7				Condition completely satisfied.
GEN-8				Condition completely satisfied.
CIVIL-1				Condition completely satisfied.
CIVIL-2				Condition completely satisfied.
CIVIL-3				Condition completely satisfied.
CIVIL-4				Condition completely satisfied.
STRUC-1				Condition completely satisfied.
STRUC-2				Condition completely satisfied.
STRUC-3				Condition completely satisfied.
STRUC-4				Condition completely satisfied.
MECH-1				Condition completely satisfied.
MECH-2				Condition completely satisfied.
MECH-3				Condition completely satisfied.
ELEC-1				Condition completely satisfied.
TSE-1				Condition completely satisfied.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
TSE-2				Condition completely satisfied.
TSE-3				Condition completely satisfied.
TSE-4				Condition completely satisfied.
TSE-5				Condition completely satisfied.
TSE-6				Condition completely satisfied.
TSE-7				Condition completely satisfied.
TSE-8				Condition completely satisfied.
TLSN-1				Condition completely satisfied.
AQ-C1				Condition completely satisfied.
AQ-C2				Condition completely satisfied.
AQ-C3				Condition completely satisfied.
AQ-C4				Condition completely satisfied.
AQ-C5	Chromium compounds	No chromium containing compounds shall be added to cooling tower circulating water.	The Project Owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and Energy Commission.	The site remains available for inspection by representatives of the District, ARB, U.S. EPA and Energy Commission.
AQ-C6	Blowdown water	The Project Owner shall determine the TDS levels in the blowdown water by independent laboratory testing prior to initial operation and periodically thereafter.	The Project Owner shall submit for approval to the CPM, a protocol for initial and weekly testing and the identification of the independent laboratory to be used 90 days prior to cooling tower operation. The Project Owner shall submit weekly TDS reports for the blowdown water as part of the quarterly emission report to the CPM for approval.	MGS shall submit weekly TDS reports for the blowdown water as part of the quarterly emission report to the CPM for approval.
AQ-C7	PM emissions	PM10 emissions from the cooling tower (in total) shall not exceed 6.2 lb/day.	The Project Owner shall calculate the daily PM10 emissions from the cooling tower and submit all calculations and results on a quarterly basis in the quarterly emission reports to the CPM for approval.	MGS shall calculate the daily PM10 emissions from the cooling tower and submit all calculations and results on a quarterly basis in the quarterly emission reports to the CPM for approval.
AQ-C8	Firewater pump testing	The project owner shall refrain from testing the firewater pump during the same hour as either gas fired combustion turbines is in start up or shut down as defined by Condition of Certification AQ-C9.	The Project Owner shall submit to the CPM for approval all testing times and results of the diesel fired emergency firewater pump in the quarterly emissions report.	MGS shall submit to the CPM for approval all testing times and results of the diesel fired emergency firewater pump in the quarterly emissions report.
AQ-C9	Startup/Shut-down compliance	The Project Owner shall use the following definitions to determine compliance with startup, shutdown and any related emission or operational limitations. Startup is defined as beginning when fuel is first delivered to the combustors of the combustion turbine and ending when the combustion turbine reaches all NOx and CO emission limits for normal operation. Shutdown is defined as beginning during normal operation with the intent to	See Verification for Condition of Certification AQ-6.	MGS shall submit to the CPM for approval, a record of all startups and shutdowns including duration and date of occurrence on a quarterly basis as part of the quarterly emission report.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
		shutdown and ends with the secession of fuel being delivered to the combustors of the combustion turbine.		
AQ-C10	DELETED			
AQ-C11	Quarterly emissions report	The Project Owner shall submit a quarterly emissions report on a quarterly basis to the CPM for approval. The quarterly emissions report shall generally report all ammonia, NOx, SOx, CO, PM10 and VOC emissions from the Malburg Generation Station as necessary to demonstrate compliance with all emission limits. The fourth quarter emission report shall include an annual summary of all emissions of ammonia, NOx, SOx, CO, PM10 and VOC.	The Project Owner shall submit to the CPM the quarterly emissions report no less than 30 days after the end of each calendar quarter.	MGS shall submit to the CPM the quarterly emissions report no less than 30 days after the end of each calendar quarter.
AQ-C12				Condition completely satisfied.
AQ-C13	Modification to air permit	The Project Owner shall submit to the CPM for review and approval any modification proposed by either the City or issuing agency to any project air permit.	The Project Owner shall submit any proposed air permit modification to the CPM within five working days of its submittal either by the City to an agency, or receipt of proposed modifications from an agency. The Project Owner shall submit all modified air permits to the CPM within 15 days of receipt.	MGS shall submit any proposed air permit modification to the CPM within five working days of its submittal either by MGS to an agency, or receipt of proposed modifications from an agency. MGS shall submit all modified air permits to the CPM within 15 days of receipt.
AQ-C14				Condition completely satisfied.
AQ-1	Emissions discharge	Except for open abrasive blasting operations, The Project Owner shall not discharge into the atmosphere from any single source of emissions whatsoever any contaminant for a period or periods aggregating more than three minutes in any one hour as listed.	The project owner shall make the site and records available for inspection by representatives of the District, ARB, U.S. EPA, and Energy Commission upon request.	The Malburg Generating Facility site remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-2	Diesel oil containing sulfur compounds	The Project Owner shall not use diesel oil containing sulfur compounds in excess of 15 parts per million (ppm) by weight as supplied by the supplier.	The Project Owner shall submit fuel purchase records for approval to the CPM on a quarterly basis in the quarterly emissions report.	MGS shall submit fuel purchase records for approval to the CPM on a quarterly basis in the quarterly emissions report.
AQ-3	Fuel purchase records & sulfur content	The Project Owner shall keep records, in a manner approved by the District, for the following parameter(s) or item(s): Purchase records of fuel oil and sulfur content of the fuel	The Project Owner shall submit fuel purchase records for approval to the CPM on a quarterly basis in the quarterly emissions report.	MGS shall submit fuel purchase records for approval to the CPM on a quarterly basis in the quarterly emissions report.
AQ-4	Accident release prevention	Accident release prevention requirements of Section 112 (r)(7): a). The Project Owner shall comply with the accidental release prevention requirements pursuant to 40CFR Part 68 and shall submit to the Executive Officer and the CPM, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and admission of a risk management plan (RMP).	The Project Owner shall submit for approval to the CPM the above required statement of compliance and any further information requested on an annual basis as part of the annual compliance report.	This condition was removed from the petition to amend June 2019.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
		b). The Project Owner shall submit any additional relevant information requested by the Executive Officer, designated agency or CPM.		
AQ-5	Steam generator emissions	The Project Owner shall limit the emissions from both gas fired combustion turbine-heat recovery steam generator train exhaust stacks.	The Project Owner shall submit all emission calculations, fuel use, CEM records and a summary demonstrating compliance of all emission limits stated in this Condition for approval to the CPM on a quarterly basis in the quarterly emissions report.	MGS shall submit all emission calculations, fuel use, CEM records and a summary demonstrating compliance of all emission limits stated in this Condition for approval to the CPM on a quarterly basis in the quarterly emissions report.
AQ-6	2 ppm NOx, CO and VOC emission limit	Following commissioning, start-ups shall not exceed 120 minutes during a cold start-up without a trip, and 150 minutes during a cold start-up with a trip. Cold start-ups with or without a trip shall not exceed the following limits: NOx 122.8 lbs, CO 204.8 lbs and VOC 1.75 lbs. Start-ups shall not exceed 90 minutes during a non-cold start-up without a trip or 120 minutes during a non-cold start-up with a trip. Non-cold start-ups shall not exceed the following limits: NOx 51.3 lbs, CO 59.9 lbs, and VOC 1.55 lbs. Shut-downs shall not exceed 30 minutes. Shut-downs shall not exceed the following limits: NOx 4.5 lbs, CO 10.8 lbs, and VOC 0.71 lbs. The number of startups shall not exceed two per day per turbine. Written records of commissioning, start-ups and shutdowns shall be kept and made available to District and submitted to the CPM for approval.	The Project Owner shall submit to the CPM for approval, a record of all startups and shutdowns including duration and date of occurrence on a quarterly basis as part of the quarterly emission report.	MGS shall submit to the CPM for approval, a record of all startups and shutdowns including duration and date of occurrence on a quarterly basis as part of the quarterly emission report.
AQ-7	DELETED	The 2 ppm CO emission limit shall not apply during turbine commissioning, start-up and shutdown. The commissioning period shall not exceed 573 operating hours per turbine from the initial start-up. Following commissioning, start-ups shall not exceed 2 hours and the number of startups shall not exceed one per day per turbine. Following commissioning, shutdowns shall not exceed 30 minutes and the number of shutdowns shall not exceed one per day per turbine. The Project Owner shall provide the District and CPM with the written notification of the initial start-up date. Written records of commissioning, start-ups and shutdowns shall be kept and made available to District and reported for approval to the CPM.	See Verification for Condition of Certification AQ-6.	This conditioned was removed from the petition to amend June 2019.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
AQ-8	80.13 lb/mscf NOx emission limits	The 80.13 lb/mmscf NOx emission limit(s) shall only apply during interim period to report RECLAIM emissions. The interim period shall not exceed 12 months from the initial start-up date.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	This condition was removed from the petition to amend June 2019.
AQ-9	2 ppmv NOx emissions limits average	The 2 ppmv NOx emissions limit(s) are averaged over 1 hour at 15 percent oxygen, dry basis.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-10	2 ppmv CO emission limits average	The 2 ppmv CO emission limit(s) are averaged over 1 hour at 15 percent oxygen, dry basis.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-11	2 ppmv VOC emission limits average	The 2 ppmv VOC emission limit(s) are averaged over 1 hour at 15 percent oxygen, dry basis.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-12	5 ppm NH3 emission limits average	The 5 ppm NH3 emission limit(s) are averaged over 1 hour at 15 percent oxygen, dry basis. The Project Owner shall calculate and continuously record the ammonia slip concentration using the provided formula.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-13	Compliance with District Rule 475	For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both emission limits at the same time.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-14	Engine cylinder lubricating oil	As per the Condition of Certification Number AQ-14, MGS shall only use diesel fuel containing the following specified compounds: Sulfur less than or equal to 15 ppm by weight.	The Project Owner shall submit fuel purchase records for approval to the CPM on a quarterly basis in the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-15	Operating time for Diesel fueled backup generators & firewater pump	The Project Owner shall limit the operating time of the diesel fueled emergency backup generators and the firewater pump to no more than 200 hours each in any one year.	See Verification for Condition of Certification AQ-C8.	MGS shall submit to the CPM for approval all testing times and results of the diesel fired emergency firewater pump in the quarterly emissions report.
AQ-16	Pressure relief valves	The Project Owner shall install and maintain a pressure relief valve set at 25 psig in the ammonia storage tank.	The Project Owner shall make the ammonia storage tank available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The ammonia storage tank remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-17	Elapsed time meter in firewater pump	The Project Owner shall install and maintain a(n) non-resettable elapsed time meter into the firewater pump to accurately indicate the elapsed operating time of the engine.	The Project Owner shall make the firewater pump available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The firewater pump remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-18	Totalizing fuel meter	The Project Owner shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the turbines.	The Project Owner shall make the turbine fuel meters available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The turbine fuel meters remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
AQ-19	Injected ammonia (NH_3)	The Project Owner shall install and maintain a(n) flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH3). The Project Owner shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.	The Project Owner shall submit to CPM for approval the design drawing that clearly show the flow meter and recording device for the ammonia injection grid no less than 90 days prior to installation of the ammonia injection grid. The Project Owner shall submit to the CPM for approval the annual calibration report for the flow meter and recording device as part of the annual compliance report.	MGS shall submit to the CPM for approval the annual calibration report for the flow meter and recording device as part of the annual compliance report.
AQ-20	SCR exhaust temperature	The Project Owner shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the SCR reactor. The Project Owner shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.	The Project Owner shall submit to CPM for approval the design drawing that clearly show the temperature gauge and recording device for the inlet to the SCR reactor no less than 90 days prior to installation of the SCR. The Project Owner shall submit to the CPM for approval the annual calibration report for the temperature gauge and recording device as part of the annual compliance report.	MGS shall submit to the CPM for approval the annual calibration report for the temperature gauge and recording device as part of the annual compliance report.
AQ-21	Differential pressure across SCR catalyst bed	The Project Owner shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches of water column. The Project Owner shall also install and maintain a device to continuously record the parameter being measured. The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.	The Project Owner shall submit to CPM for approval the design drawing that clearly show the pressure gauge and recording device across the SCR reactor no less than 90 days prior to installation of the SCR. The Project Owner shall submit to the CPM for approval the annual calibration report for the pressure gauge and recording device as part of the annual compliance report.	MGS shall submit to the CPM for approval the annual calibration report for the pressure gauge and recording device as part of the annual compliance report.
AQ-22		The Project Owner shall conduct source test (s) for the pollutant(s) identified below: - CO Emissions - NOx Emissions - -PM Emissions VOC Emissions - SOx Emissions - NH3 Emissions	The Project Owner shall submit for approval to the District and the CPM the required initial source testing protocol no less than 45 days prior to the date of the source test. The Project Owner shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. The Project Owner shall submit to the District and CPM for approval the results of the initial source test no later than 60 days following the date of the source test.	This condition was removed from the petition to amend June 2019.
AQ-23	Source test(s) for pollutants	The Project Owner shall conduct source test(s) for the pollutant(s) identified below: - VOC Emissions - SOx Emissions - PM10 Emissions	The Project Owner shall submit for approval to the District and the CPM the required source testing protocol no less than 45 days prior to the date of the source test. The Project Owner shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. The Project Owner shall submit to the District and CPM for approval the results of the source test no later than	MGS shall submit for approval to the District and the CPM the required source testing protocol no less than 45 days prior to the date of the source test. MGS shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. MGS shall submit to the District and CPM for approval the results of the initial source test no later than 60 days following the date of the source test.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
			60 days following the date of the source test.	
AQ-24	Source test(s) for pollutants	The Project Owner shall conduct source test(s) for the pollutant(s) identified below: NH3 Emissions	The Project Owner shall submit for approval to the District and the CPM the required source testing protocol no less than 45 days prior to the date of the source test. The Project Owner shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. The Project Owner shall submit to the District and CPM for approval the results of the source test no later than 60 days following the date of the source test.	MGS shall submit for approval to the District and the CPM the required source testing protocol no less than 45 days prior to the date of the source test. MGS shall notify the District and CPM of the date and time of the source test no less than 10 days prior to the test. MGS shall submit to the District and CPM for approval the results of the initial source test no later than 60 days following the date of the source test.
AQ-25	Exhaust stack CEMS	The Project Owner shall install and maintain a CEMS to measure the listed parameters:	The Project Owner shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The Malburg Generating Station remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-26	CEMs	The Project Owner shall install and maintain a CEMS to measure listed parameters.	The Project Owner shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The Malburg Generating Station remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-27	Fuel usage	The Project Owner shall limit the fuel usage of each turbine-duct burner pair to no more than 405 million cubic feet in any one calendar month. The Project Owner shall keep records, in a manner approved by the District, for the operational status of the duct burners and their fuel use.	The Project Owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.	MGS shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report.
AQ-28	Venting	The Project Owner shall vent this equipment to the CO oxidation/SCR control system whenever the turbines are in operation.	The Project Owner shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The Malburg Generating Station remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-29	Venting	The Project Owner shall vent ammonia storage tank, during filling, only to the vessel from which it is being filled.	The Project Owner shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The Malburg Generating Station remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-30	Continuously record	For the purpose of the following condition number(s), "continuously record" shall be defined as recording at least once every hour and shall be calculated upon the average of the continuous monitoring for that hour. Condition of Certification AQ-18 Condition of Certification AQ-19	The Project Owner shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The Malburg Generating Station remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-31	Continuously record	For the purpose of the following condition number(s), "continuously record" shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that month. Condition of Certification AQ-19	The Project Owner shall make the Malburg Generation Station available for inspection by the District, ARB, U.S. EPA and Energy Commission.	The Malburg Generating Station remains accessible for inspection to the District, ARB, U.S. EPA and Energy Commission.
AQ-32	MGS electric generating equipment	This equipment shall not be operated unless the facility holds 34,349 pounds of NOx RECLAIM Trade Credits (RTCs)	The Project Owner shall submit all identified evidence demonstrating compliance to the CPM on an annual	MGS shall submit all identified evidence demonstrating that, at the commencement of each compliance

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
		in its allocation account to offset the annual emissions increase for the first year of operation. The RTCs held to satisfy the first year of operation portion of this condition may be transferred only after one year from the initial start of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds 34,349 pounds of NOx RTCs valid during that compliance year. RTCs held to satisfy the compliance year portion of this condition may be transferred only after the compliance year for which the RTCs are held. If the initial or annual hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.	basis as part of the annual compliance report.	year, the facility holds sufficient RTCs in an amount equal to the annual emission increase to the CPM on an annual basis as part of the annual compliance report.
AQ-33	Source test report	The Project Owner shall provide to the District a source test report in accordance with listed specifications:	The Project Owner shall submit to the CPM the required source test of Conditions of Certification AQ-21, -22 and -23 in compliance with this condition.	MGS shall submit for approval to the District and the CPM the required source test report no later than 60 days after the source test was completed.
AQ-34	Recordkeeping	The Project Owner shall keep records, in a manner approved by the District, for listed parameters or items.	The Project Owner shall make these records available to the CPM upon request.	MGS shall make these records available to the CPM upon request.
AQ-35	Recordkeeping	The Project Owner shall keep records, in a manner approved by the District, for listed parameters or items. Condition of Certification AQ-15 Condition of Certification AQ-17	The Project Owner shall submit these records to the CPM on an annual basis in the annual compliance report.	MGS shall keep records of dates of operation, the elapsed time, in hour and the reason for operation of the emergency diesel powered generators and/or the firewater pump and shall submit these records to the CPM on an annual basis in the annual compliance report.
AQ-36	Recordkeeping	The project owner shall keep records, in a manner approved by the District, for the following parameters or items: Operational status of the duct burner and its fuel usage	The Project Owner shall make these records available to the CPM upon request.	See verification of Condition of Certification AQ-6.
AQ-37	Recordkeeping	The project owner shall operate and maintain this equipment according to the following requirements: The project owner shall change oil and filter every 500 hours of operation or annually, whichever comes first, per Sect. 63.6603(a). The operator has the option of utilizing an oil analysis as described in Sect. 63.6625(i) in order to extend the specified oil change requirement. The project owner shall inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary,	The project owner shall maintain records required by Sect. 63.6655(a), Sect. 63.6655(e), and Sect. 63.6660, as applicable, for five years. The records shall be made available to District personnel upon request.	

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
		per Sect. 63.6603(a). The project owner shall inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary, per Sect. 63.6603(a).		
AQ-38	Recordkeeping	The operator shall operate and maintain this equipment according to the following requirements: For the Siemens A-Plus Upgrade Project, total commissioning hours shall not exceed 56.25 hours of fired operation for each turbine from the date of initial turbine upgrade start-up. Of the 56.25 hours, commissioning hours without control shall not exceed 32.5 hours. One turbine may be commissioned at a time. The commissioning for both turbines shall be completed before normal operation for either turbine may commence. The emergency internal combustion engine for fire pump shall not be tested during the commissioning of a turbine. The certified NOx and CO CEMS shall be fully calibrated and operational. The operator shall vent this equipment to the CO oxidation catalyst and SCR control system whenever the turbine is in operation after commissioning is completed.	The operator shall maintain records to demonstrate compliance with this condition and shall make such records available to the Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, the total number of commissioning hours, number of commissioning hours without control, and natural gas fuel usage.	
AQ-39	Recordkeeping	This equipment is subject to the applicable requirements of the following Rules or Regulations: NOX Subpart KKKK, SO2 Subpart KKKK	The project owner shall make these records available to the CPM upon request.	
AQ-40	Recordkeeping	This equipment is subject to the applicable requirements of the following Rules or Regulations: NOX 40 CFR 75, SO2 40 CFR 75	The project owner shall make these records available to the CPM upon request.	
Public Health-1				Condition completely satisfied.
Worker Safety-1				Condition completely satisfied.
Worker Safety-2				Condition completely satisfied.
HAZ-1	Use of hazardous materials	The project owner shall not use any hazardous materials not listed in Appendix C, below, or in greater quantities than those identified by chemical name in Appendix C, below, unless approved in advance by City of Vernon and the CPM.	The project owner shall provide to the Compliance Project Manager (CPM), in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.	MGS shall provide to the Compliance Project Manager (CPM), in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.
HAZ-2				Condition completely satisfied.
HAZ-3				Condition completely satisfied.
HAZ-4				Condition completely satisfied.
HAZ-5				Condition completely satisfied.
HAZ-6	Gas pipeline review	The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection 30 days after initial startup and every 5 years thereafter.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide outline of the plan to accomplish a full and comprehensive pipeline design	The initial requirement of the Condition has been completed during construction. Ongoing inspections are performed by the City of Vernon.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
			review to the CPM for review and approval. The full and complete plan shall be amended, as appropriate, and submitted to the CPM for review and approval, not later than one year before the plan is implemented by the project owner.	
HAZ-7	Seismic event inspections	After any significant seismic event in the area where surface rupture occurs within one mile of the pipeline, the gas pipeline shall be inspected by the project owner.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake to the CPM for review and approval. This plan shall be reviewed and amended, as appropriate, and submitted to the CPM for review and approval, at least every five years.	The initial requirement of the Condition has been completed during construction. Ongoing inspections are performed by the City of Vernon.
HAZ-8				Condition completely satisfied.
WASTE-1				Condition completely satisfied.
WASTE-2				Condition completely satisfied.
WASTE-3	Impending waste management related enforcement action	Upon becoming aware of any impending waste management related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	MGS shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed. If no such enforcement action occurs, this fact should be verified in each annual report.
WASTE-4	Construction & operation waste management plan	The project owner shall prepare a Construction Waste Management Plan and an Operation Waste Management Plan for all wastes generated during construction and operation of the facility, respectively, and shall submit both plans to The Project Owner. Environmental Health Department and The Project Owner Fire Department for comment and to the CPM for review and approval.	In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year compared to the planned management methods.	In the Annual Compliance Reports, MGS shall document the actual waste management methods used during the year compared to the planned management methods.
SOIL & WATER-1				Condition completely satisfied.
SOIL & WATER-2				Condition completely satisfied.
SOIL & WATER-3				Condition completely satisfied.
SOIL & WATER-4	Water usage metering & recording	The project owner shall install metering devices and record on a monthly basis the amount of water, listed by source (potable and reclaimed) used by the project. The annual summary shall include the monthly range and monthly average of daily usage in gallons per day, and total water used by the project on a monthly and annual basis in acre-feet.	The project owner shall submit an annual water use summary to the CPM as part of its annual compliance report for the life of the project.	MGS shall submit an annual water use summary to the CPM as part of its annual compliance report for the life of the project.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
		The annual summary shall also include the yearly range and yearly average water use by the project. This information shall be supplied to the CPM.		
SOIL & WATER-5	Potable water usage	The project owner shall not use potable water for process cooling water for more than 9 days (216 hours) per calendar year.	The project owner shall include a detailed summary of all potable water and reclaimed water used for process water in the Annual Compliance Report. If use of potable water exceeds 9 days per year, the project owner shall be subject to noncompliance procedures and enforcement action described in the General Compliance Conditions.	MGS shall include a detailed summary of all potable water and reclaimed water used for process water in the Annual Compliance Report.
SOIL/ WATER-6				Condition completely satisfied.
SOIL/ WATER-7				Condition completely satisfied.
CUL-1				Condition completely satisfied.
CUL-2				Condition completely satisfied.
CUL-3				Condition completely satisfied.
CUL-4				Condition completely satisfied.
CUL-5				Condition completely satisfied.
CUL-6				Condition completely satisfied.
CUL-7				Condition completely satisfied.
CUL-8	Station A	The project owner shall ensure that Station A is maintained in accordance with the Secretary of the Interior's Standards for the Treatment of Historic Properties (1995) (36 CFR Part 68). The project owner shall provide a summary of maintenance activities completed within each calendar year.	In each annual compliance report, the project owner shall include the summary of Station A maintenance activities completed within the last calendar year.	MGS shall submit a summary of observed Station A maintenance activities completed within the last calendar year by City of Vernon personnel or contractors.
PAL-1				Condition completely satisfied.
PAL-2				Condition completely satisfied.
PAL-3				Condition completely satisfied.
PAL-4				Condition completely satisfied.
PAL-5				Condition completely satisfied.
PAL-6				Condition completely satisfied.
PAL-7				Condition completely satisfied.
LAND-1				Condition completely satisfied.
LAND-2				Condition completely satisfied.
TRANS-1				Condition completely satisfied.
TRANS-2				Condition completely satisfied.
TRANS-3				Condition completely satisfied.
TRANS-4				Condition completely satisfied.
TRANS-5				Condition completely satisfied.
TRANS-6				Condition completely satisfied.
TRANS-7				Condition completely satisfied.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
TRANS-8	Truck travel routes for aqueous ammonia	The Project Owner shall only use the preferred and alternate truck travel routes for deliveries of aqueous ammonia to the MGS site. The preferred route shall be from Interstate 710, exiting at the Bandini Boulevard. Trucks will then travel west along Bandini Boulevard, south on Soto Avenue, and finally west on 50th Street to the MGS. The City shall use this route unless it notifies the CPM otherwise and the CPM approves.	The final preferred and alternative truck travel routes for aqueous ammonia delivery will be submitted to the Compliance Project Manager for approval 30 days prior to the first delivery of aqueous ammonia to the MGS. During operations, the City may alter the final truck travel route only upon prior approval of the CPM.	The originally mandated route and alternate route have been communicated to the aqueous ammonia supplier and use of these routes is mandated by MGS. MGS may alter the final truck travel route only upon prior approval of the CPM.
TRANS-9				Condition completely satisfied.
VIS-1	Lighting installation	The project owner shall design and install all permanent lighting such that light bulbs and reflectors are not visible from public viewing areas; lighting does not cause reflected glare; and illumination of the project, the vicinity, and the nighttime sky is minimized.	The project owner shall report any complaints about permanent lighting and provide documentation of resolution in the Annual Compliance Report, accompanied by any lighting complaint resolution forms for that year.	MGS shall report any complaints about permanent lighting and provide documentation of resolution in the Annual Compliance Report, accompanied by any lighting complaint resolution forms for that year.
VIS-2	Structure paint	The project owner shall paint or treat the surfaces of all project structures and buildings visible to the public in a gray color to blend with the existing Station A building. Surfaces shall be treated with finishes that minimize glare. The project owner shall ensure proper treatment maintenance for the life of the project.	At least 30 days prior to the start of commercial operation, the project owner shall notify the CPM that all buildings and structures are ready for inspection. The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	MGS shall provide a status report regarding treatment maintenance in the Annual Compliance Report.
VIS-3	Tree planting	The project owner shall plant trees along the east side of the MGS site to enhance views of the new power plant from Soto Street, consistent with The Project Owner General Plan policy 1.3. The project owner shall ensure proper maintenance of the trees for the life of the project.	At least 30 days prior to the start of commercial operation, the project owner shall notify the CPM that the trees are ready for inspection. The project owner shall provide a status report regarding tree maintenance in the Annual Compliance Report.	MGS shall provide a status report regarding tree maintenance in the Annual Compliance Report.
VIS-4				Condition completely satisfied.
NOISE-1				Condition completely satisfied.
NOISE-2	Noise complaints	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints.	Within 30 days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, or similar instrument approved by the CPM, with The Project Owner Director of Community Services & Water and the City of Huntington Park Senior Planner and with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a 30-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is finally implemented.	Within 30 days of receiving a noise complaint, MGS shall file a copy of the Noise Complaint Resolution Form, or similar instrument approved by the CPM, with The Project Owner Director of Community Services & Water and the City of Huntington Park Senior Planner and with the CPM, documenting the resolution of the complaint. If no such complaint is received, this fact should be verified in each annual report.
NOISE-3				Condition completely satisfied.
NOISE-4				Condition completely satisfied.
NOISE-5				Condition completely satisfied.

Condition #	Subject	Condition Description	Means of Verification	Methods & Comments
NOISE-6				Condition completely satisfied.
NOISE-7				Condition completely satisfied.
NOISE-8				Condition completely satisfied.

APPENDIX B

NH3 FLOW METER CALIBRATION RESULTS

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

EMERSON.
Process Management

March 28, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Pressure Transmitter		**Serial Number:**	**1287778**
Device Tag: 11 HSJJ50 CF0100 FT FIT 18		**Range:**	**0 To 10 IN H2O**
Model: 3051CD1A02A1AS5M5Q4E5			

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19
PS-01093	FLUKE 700P08	26-Dec-19
PS-01002	FLUKE 700P05	26-Dec-19
PS-01504	FLUKE 750P01	4/2/2019

As Found Calibration Data

Specified Range IN H2O	Applied % Of Span	Applied IN H2O	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In IN H2O	Measured Analog Output In mA	Pass/Fail
0.000	0.00	0.000	4.0000	0.016	-0.003	3.9970	Pass
2.500	25.00	2.500	12.0000	0.016	2.540	12.0900	Fail
5.000	50.00	5.000	15.3137	0.016	5.210	15.4910	Fail
7.500	75.00	7.500	17.8564	0.016	7.620	17.5380	Fail
10.000	100.00	10.000	20.0000	0.016	10.230	20.0050	Fail

As Left Calibration Data

0.000	0.00	0.000	4.0000	0.016	0.000	4.0000	Pass
2.500	25.00	2.500	12.0000	0.016	2.510	12.0020	Pass
5.000	50.00	5.000	15.3137	0.016	5.010	15.3160	Pass
7.500	75.00	7.500	17.8564	0.016	7.510	17.8580	Pass
10.000	100.00	10.000	20.0000	0.016	10.000	20.0030	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 28, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

EMERSON.
Process Management

March 28, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Pressure Transmitter	**Serial Number: 1292706**
Device Tag: 21 HSJ50 CF010 FT	**Range: 0 To 10 IN H2O**
Model: 3051CD1A02A1AS5M5Q4E5	

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range IN H2O	Applied % Of Span	Applied IN H2O	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In IN H2O	Measured Analog Output In mA	Pass/Fail
0.000	0.00	0.000	4.0000	0.016	0.061	4.0960	Fail
2.500	25.00	2.500	12.0000	0.016	2.560	12.0500	Fail
5.000	50.00	5.000	15.3137	0.016	5.050	15.3170	Fail
7.500	75.00	7.500	17.8564	0.016	7.707	17.8580	Fail
10.000	100.00	10.000	20.0000	0.016	10.060	20.1200	Fail

As Left Calibration Data

0.000	0.00	0.000	4.0000	0.016	0.000	4.0000	Pass
2.500	25.00	2.500	12.0000	0.016	2.490	11.9980	Pass
5.000	50.00	5.000	15.3137	0.016	4.990	15.3110	Pass
7.500	75.00	7.500	17.8564	0.016	7.490	17.8550	Pass
10.000	100.00	10.000	20.0000	0.016	9.998	19.9980	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 28, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

APPENDIX C

SCR TEMPERATURE GAUGE CALIBRATION REPORT

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

3//2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Temperature Transmitter	**Serial #: 9029700**	**Range: 0 to 800 Deg. F**
Device Tag: 11HBK70CT030	**Sensor Type: Type K**	
Model: YTA110		

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range Deg F	Applied % Of Span	Applied Deg F	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In F	Measured Analog Output In mA	Pass/Fail
0.00	0.00	0.00	4.0000	0.016	0.00	3.9940	Pass
200.00	25.00	200.00	8.0000	0.016	199.97	7.9960	Pass
400.00	50.00	400.00	12.0000	0.016	399.97	11.9980	Pass
600.00	75.00	600.00	16.0000	0.016	599.98	15.9980	Pass
800.00	100.00	800.00	20.0000	0.016	799.98	19.9980	Pass

As Left Calibration Data

0.00	0.00	0.00	4.0000	0.016	0.00	3.9940	Pass
200.00	25.00	200.00	8.0000	0.016	199.97	7.9960	Pass
400.00	50.00	400.00	12.0000	0.016	399.97	11.9980	Pass
600.00	75.00	600.00	16.0000	0.016	599.98	15.9980	Pass
800.00	100.00	800.00	20.0000	0.016	799.98	19.9980	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

3//2019
Date

Rosemount Service Representative
PH: 657-291-4328

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

March 29, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Temperature Transmitter	**Serial #: 9029699**	**Range: 0 to 800 Deg. F**
Device Tag: 21HBK70CT030	**Sensor Type: Type K**	
Model: YTA110		

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range Deg F	Applied % Of Span	Applied Deg F	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In F	Measured Analog Output In mA	Pass/Fail
0.00	0.00	0.00	4.0000	0.016	-0.93	3.9800	Fail
200.00	25.00	200.00	8.0000	0.016	198.93	7.9780	Fail
400.00	50.00	400.00	12.0000	0.016	398.94	11.9780	Fail
600.00	75.00	600.00	16.0000	0.016	598.94	15.9790	Fail
800.00	100.00	800.00	20.0000	0.016	798.89	19.9800	Fail

As Left Calibration Data

0.00	0.00	0.00	4.0000	0.016	0.25	4.0000	Pass
200.00	25.00	200.00	8.0000	0.016	199.98	7.9980	Pass
400.00	50.00	400.00	12.0000	0.016	399.98	11.9980	Pass
600.00	75.00	600.00	16.0000	0.016	599.97	15.9980	Pass
800.00	100.00	800.00	20.0000	0.016	799.98	19.9970	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 29, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

March 29, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Temperature Transmitter	**Serial #: 9029687**	**Range: 0 to 800 Deg. F**
Device Tag: 11HBK70CT031	**Sensor Type: Type K**	
Model: YTA110		

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range Deg F	Applied % Of Span	Applied Deg F	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In F	Measured Analog Output In mA	Pass/Fail
0.00	0.00	0.00	4.0000	0.016	-0.03	4.0000	Pass
200.00	25.00	200.00	8.0000	0.016	200.00	8.0000	Pass
400.00	50.00	400.00	12.0000	0.016	400.06	12.0000	Pass
600.00	75.00	600.00	16.0000	0.016	599.75	15.9910	Pass
800.00	100.00	800.00	20.0000	0.016	799.77	19.9900	Pass

As Left Calibration Data

0.00	0.00	0.00	4.0000	0.016	-0.03	4.0000	Pass
200.00	25.00	200.00	8.0000	0.016	200.00	8.0000	Pass
400.00	50.00	400.00	12.0000	0.016	400.06	12.0000	Pass
600.00	75.00	600.00	16.0000	0.016	599.81	15.9970	Pass
800.00	100.00	800.00	20.0000	0.016	799.84	19.9970	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 29, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

March 29, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Temperature Transmitter	**Serial #: 9029664**	**Range: 0 to 800 Deg. F**
Device Tag: 21HBK70CT031	**Sensor Type: Type K**	
Model: YTA110		

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range Deg F	Applied % Of Span	Applied Deg F	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In F	Measured Analog Output In mA	Pass/Fail
0.00	0.00	0.00	4.0000	0.016	0.27	4.0000	Pass
200.00	25.00	200.00	8.0000	0.016	199.85	7.9970	Pass
400.00	50.00	400.00	12.0000	0.016	400.04	12.0000	Pass
600.00	75.00	600.00	16.0000	0.016	600.04	16.0000	Pass
800.00	100.00	800.00	20.0000	0.016	799.93	20.0000	Pass

As Left Calibration Data

0.00	0.00	0.00	4.0000	0.016	0.27	4.0000	Pass
200.00	25.00	200.00	8.0000	0.016	199.85	7.9970	Pass
400.00	50.00	400.00	12.0000	0.016	400.04	12.0000	Pass
600.00	75.00	600.00	16.0000	0.016	600.04	16.0000	Pass
800.00	100.00	800.00	20.0000	0.016	799.93	20.0000	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 29, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

APPENDIX D

SCR PRESSURE GAUGE CALIBRATION REPORT

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

EMERSON.
Process Management

March 28, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Pressure Transmitter	**Serial Number: 2161035**
Device Tag: 210CP010	**Range: 0 To 2.5 IN H2O**
Model: EJA110A	

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range IN H2O	Applied % Of Span	Applied IN H2O	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In IN H2O	Measured Analog Output In mA	Pass/Fail
0.000	0.00	0.000	4.0000	0.021	0.002	4.0000	Pass
0.625	25.00	0.625	12.0000	0.021	0.626	12.0020	Pass
1.250	50.00	1.250	15.3137	0.021	1.252	15.3150	Pass
1.875	75.00	1.875	17.8564	0.021	1.875	17.8560	Pass
2.500	100.00	2.500	20.0000	0.021	2.503	20.0010	Pass

As Left Calibration Data

0.000	0.00	0.000	4.0000	0.021	0.002	4.0000	Pass
0.625	25.00	0.625	12.0000	0.021	0.626	12.0020	Pass
1.250	50.00	1.250	15.3137	0.021	1.252	15.3150	Pass
1.875	75.00	1.875	17.8564	0.021	1.875	17.8560	Pass
2.500	100.00	2.500	20.0000	0.021	2.503	20.0010	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 28, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

Rosemount Service
8200 Market Blvd.
Chanhassen, MN 55317
T: 800-654-7768
F: 952-906-8844

EMERSON.
Process Management

March 28, 2019

CALIBRATION DATA SHEET

Consistent with ISO 10474 2.1 or EN 10204 2.1

Contact Information

Purchase Order:	MGS15782	**Service Request:**	1692384
Customer Name:	Colorado Energy Management LLC	**Quote#:**	AEIA-14CVD0L
Location/Project:	0	**Sales Representative:**	RICHARD TSE
Address 1:	4963 S Soto StVernon, CA 90058	**Phone:**	
Address 2:		**Email:**	
Customer Contact:	Ian Everts	**Service Representative:**	
Phone:	323-350-3481	**Phone:**	657-291-4328
Email:	ieverts@heorotpower.com	**Email:**	Stevie.Day@emerson.com

Device Information

Device Type: Pressure Transmitter	**Serial Number: 2161036**
Device Tag: 170CP010	**Range: 0 To 2.5 IN H2O**
Model: EJA110A	

Test Equipment Used

Asset #	Description	Calibration Due
ES-01410	FLUKE 754	26-Dec-19
PS-01477	FLUKE 750PDS2	26-Dec-19
PS-01266	FLUKE 700PD3	26-Dec-19
PS-01349	FLUKE 700PD7	26-Dec-19

As Found Calibration Data

Specified Range IN H2O	Applied % Of Span	Applied IN H2O	Specified Analog Output In mA	Output Tolerance +/-	Indicated Digital Output In IN H2O	Measured Analog Output In mA	Pass/Fail
0.000	0.00	0.000	4.0000	0.021	0.060	4.0000	Fail
0.625	25.00	0.625	12.0000	0.021	0.622	12.0020	Pass
1.250	50.00	1.250	15.3137	0.021	1.249	15.3150	Pass
1.875	75.00	1.875	17.8564	0.021	1.873	17.8560	Pass
2.500	100.00	2.500	20.0000	0.021	2.490	19.9940	Fail

As Left Calibration Data

0.000	0.00	0.000	4.0000	0.021	0.000	4.0000	Pass
0.625	25.00	0.625	12.0000	0.021	0.624	12.0020	Pass
1.250	50.00	1.250	15.3137	0.021	1.250	15.3150	Pass
1.875	75.00	1.875	17.8564	0.021	1.875	17.8550	Pass
2.500	100.00	2.500	20.0000	0.021	2.500	20.0010	Pass

Certification

This is to validate that the listed product performs within the acceptable performance variation of the test equipment. Measuring and test equipment used in the inspection and validation of the listed product are traceable to the National Institute of Standards and Technology.

Stevie Day

March 28, 2019
Date

Rosemount Service Representative
PH: 657-291-4328

APPENDIX E
MGS RECLAIM ANNUAL EMISSION ALLOCATION

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

June 28, 2019

Douglas Halliday
Chief Operating Officer
Bicent (California) Malburg, LLC (ID: 155474)
4963 S Soto St
Vernon, CA 90058

Dear Douglas Halliday:

Enclosed is your re-issued Facility Permit for Compliance Year 2019 (July 1, 2019 – June 30, 2020). This reissuance is an Administrative Permit Revision to your RECLAIM/Title V Facility Permit and includes the Title Page, Table of Contents, and Section B (RECLAIM Annual Emission Allocations) in accordance with Rule 2002(b)(4).

Please review the enclosed Section B carefully, as it will be part of your official Facility Permit. The changes are stated below. Please note that the South Coast Air Quality Management District (South Coast AQMD) rules allow you to appeal the terms and conditions of any sections of the enclosed Facility Permit by petitioning the Hearing Board within thirty days of receipt of the permit.

We recently sent you an invoice for the annual operating renewal fee for your facility permit. This must be paid on or before the due date indicated on the invoice or your facility permit will expire due to non-payment of fees.

A. Facility Permit

The enclosed Facility Permit contains changes described as follows:

1. The revision numbers and dates of the Title Page and the Table of Contents have been updated to reflect the reissuance of the relevant permit sections.

2. Section B – RECLAIM Annual Emission Allocation

   Section B has been updated to reflect all approved RECLAIM Trading Credit (RTC) transactions approved as of June 21, 2019. Therefore, if you have submitted any RTC transactions in June, please review your records carefully to ensure that you take into account any RTC transactions that have not been approved as of that date and make necessary changes to your facility's RTC balances when reconciling your facility's emissions.

   In addition, the South Coast AQMD has updated Section B of the Facility Permit to list your facility's allocation balances for the next fifteen years pursuant to Rule

2002(b)(4). Also, your facility's Starting Allocation and Non-Tradable RTCs in Compliance Year 1994 are listed within this section. This establishes the level used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) – Trading Zone Restrictions.

B. Appeals

As previously mentioned, if you determine that certain changes or clarifications need to be made to the enclosed permit, you may appeal the terms and conditions by petitioning the Hearing Board within thirty days of receipt. If you determine there are administrative errors in these permit sections, please notify South Coast AQMD staff within thirty days of receipt of your permit sections. Your facility is still bound by the requirements of your entire Facility Permit while your appeal is under consideration by South Coast AQMD staff and/or Hearing Board.

Any comments or questions regarding your RECLAIM/Title V Facility Permit may be directed to Rizaldy Calungcagin, Senior Air Quality Engineer at (909) 396-2315.

Sincerely,

Bhaskar Chandan, P.E., QEP
Senior Air Quality Engineering Manager
Engineering and Permitting

Enclosure

cc: Gerardo C. Rios, USEPA (via email to R9AirPermits_SC@epa.gov)
Compliance

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Title Page
Facility ID: 155474
Revision #: 16
Date: July 01, 2019

FACILITY PERMIT TO OPERATE

BICENT (CALIFORNIA) MALBURG LLC
4963 S SOTO ST
VERNON, CA 90058

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Wayne Nastri
Executive Officer

By B.A. Edwards for
Laki Tisopulos, Ph.D., P.E.
Deputy Executive Officer
Engineering and Permitting

FACILITY PERMIT TO OPERATE
BICENT (CALIFORNIA) MALBURG LLC

TABLE OF CONTENTS

FACILITY PERMIT TO OPERATE
BICENT (CALIFORNIA) MALBURG LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 07/01/2019 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2016	6/2017	Coastal	28480	5699	1854
1/2017	12/2017	Coastal	0	9697	0
7/2017	6/2018	Coastal	28480	11960	0
1/2018	12/2018	Coastal	0	30734	940
7/2018	6/2019	Coastal	28480	24072	940
1/2019	12/2019	Coastal	0	23132	940
7/2019	6/2020	Coastal	28480	23132	940
1/2020	12/2020	Coastal	0	21279	1854
7/2020	6/2021	Coastal	28480	21278	1854
1/2021	12/2021	Coastal	0	19398	1881
7/2021	6/2022	Coastal	28480	19397	1881
1/2022	12/2022	Coastal	0	15663	3735
7/2022	6/2023	Coastal	28480	15663	3734
1/2023	12/2023	Coastal	0	15663	0
7/2023	6/2024	Coastal	28480	15663	0
1/2024	12/2024	Coastal	0	15663	0
7/2024	6/2025	Coastal	28480	15663	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
BICENT (CALIFORNIA) MALBURG LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 07/01/2019 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
1/2025	12/2025	Coastal	0	15663	0
7/2025	6/2026	Coastal	28480	15663	0
1/2026	12/2026	Coastal	0	15663	0
7/2026	6/2027	Coastal	28480	15663	0
1/2027	12/2027	Coastal	0	15663	0
7/2027	6/2028	Coastal	28480	15663	0
1/2028	12/2028	Coastal	0	15663	0
7/2028	6/2029	Coastal	28480	15663	0
1/2029	12/2029	Coastal	0	15663	0
7/2029	6/2030	Coastal	28480	15663	0
1/2030	12/2030	Coastal	0	15663	0
7/2030	6/2031	Coastal	28480	15663	0
1/2031	12/2031	Coastal	0	15663	0
7/2031	6/2032	Coastal	28480	15663	0
1/2032	12/2032	Coastal	0	15663	0
7/2032	6/2033	Coastal	28480	15663	0
1/2033	12/2033	Coastal	0	15663	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
BICENT (CALIFORNIA) MALBURG LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 07/01/2019 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2033	6/2034	Coastal	28480	15663	0
1/2034	12/2034	Coastal	0	15663	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
BICENT (CALIFORNIA) MALBURG LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTC) (pounds)
7/1994	6/1995	Coastal	296280	7720

APPENDIX F

STATION “A” MAINTENANCE REPORT

4305 Santa Fe Avenue, Vernon, California 90058
Telephone (323) 583–8811

January 15, 2020

Mr. Anwar Ali
Compliance Project Manager
Siting, Transmission & Environmental Protection (STEP) Division
California Energy Commission
1516 Ninth Street, MS-15
Sacramento, CA 95814-5512

Subject: **Malburg Generating Station (Docket 01-AFC-25C)**
2019 Annual Compliance Report (CUL-8)

Dear Mr. Ali:

Enclosed are five copies of the 2019 annual compliance report for the Malburg Generating Station Condition of Certification Number CUL-8. Although Malburg Generating Station is now owned by Bicent (California) Malburg LLC, Vernon Public Utilities is submitting this report because it has retained ownership of Station "A".

Note that Kelly Nguyen is no longer the General Manager of Vernon Public Utilities. I, Abraham Alemu, will be certifying and submitting compliance reports from this point forward as the Interim General Manager of Vernon Public Utilities. Please let me know if you require additional information to formalize this change.

Please contact Lisa Umeda at (323) 583-8811 ext. 561 (email address: LUmeda@ci.vernon.ca.us) or Andrea White at (619) 272-7216 (email address: Andrea.White@jacobs.com) if you have any questions about this report or if you need additional information.

Sincerely,

Abraham Alemu

Abraham Alemu
Interim General Manager of Vernon Public Utilities

cc: Lisa Umeda
Todd Dusenberry
Don Quiroz
Andrea White
Document Control

ANNUAL COMPLIANCE REPORT
CONDITION OF CERTIFICATION NUMBER
CUL-8, YEAR 2019

For the:

MALBURG GENERATING STATION
(Docket 01-AFC-25C)

Submitted To:

CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Sacramento, CA 95814

Prepared by:

CITY OF VERNON
4305 Santa Fe Avenue
Vernon, CA 90058

MALBURG GENERATING STATION
ANNUAL COMPLIANCE REPORT
CONDITION OF CERTIFICATION NUMBER CUL-8
YEAR 2019

INTRODUCTION

The City of Vernon (City) has been operating an electric power generating facility (Station "A") since 1933 in the City of Vernon. The facility consists of the Johnson & Heinze Diesel Plant and H. Gonzales Generating Station. The City constructed Malburg Generating Station (MGS) at the Station "A" facility in 2005 (Docket 01-AFC-25C). The commissioning of MGS was completed in October 2005 and the power plant was put under commercial operation on October 17, 2005. The City sold MGS to Bicent (California) Malburg LLC (Bicent) in 2008. After the sale of MGS, the City continued to retain ownership of the Johnson & Heinze Diesel Plant, H. Gonzales Generating Station, and Station "A" building.

Condition of Certification Number CUL-8 requires the City to maintain the Station "A" building as an Historic Property in accordance with the Secretary of the Interior's Standards for the Treatment of Historic Properties, which include standards for preservation, rehabilitation, restoration, and reconstruction, as codified in Title 36 of the Code of Federal Regulations (CFR), Part 68 (1995). Each of the standards can be applied to a historic property to assist the long-term preservation of a property's significance through the retention of historic materials and features.

The Station "A" building is still in use and no major changes or alterations occurred to the building in 2019. Routine maintenance has occurred and 5 additional security cameras were installed along the exterior of the building, in accordance with the Secretary of the Interior's Standards for the Treatment of Historic Properties. The 5 new security cameras were installed in the same locations as 5 non-functional security cameras, replacing the non-functional cameras.

To verify that the Station "A" building is maintained in accordance with the Standards for the Treatment of Historic Properties (36 CFR Part 68), the California Energy Commission (CEC) requires the City to submit an annual report that summarizes the maintenance activities completed to preserve the property within each calendar year. The City is, therefore, submitting this annual compliance report, which provides a summary of the maintenance and camera installation activities completed for the Station "A" building during 2019.

COMPLIANCE DETAILS FOR CONDITION OF CERTIFICATION NUMBER CUL-8

As per Condition of Certification Number CUL-8, the project owner shall ensure that Station "A" is maintained in accordance with the Secretary of the Interior's Standards for the Treatment of Historic Properties (36 CFR Part 68). The project owner shall provide a summary of maintenance activities completed within each calendar year. These maintenance activities were completed in accordance with the Secretary of the Interior's Standards for Preservation, as detailed in 36 CFR Part 68, and sustained the historic use and appearance of the building; did not alter or diminish

its historic character, materials, features, or spaces; avoided use of abrasive chemical or physical treatments; and preserved its craftsmanship.

For verification of the above condition of certification, the project owner shall include the summary of Station "A" maintenance activities completed to preserve the Station "A" building within the calendar year. A summary of the maintenance activities completed by the City during the year 2019 is presented at the end of this report.

Additionally, the City installed 5 new security cameras along the exterior of the Station "A" building in 2019. The 5 security cameras were installed in the same locations as 5 non-functional security cameras, replacing the non-functional cameras. Based on a review of applicable standards, the addition of cameras is a treatment type that falls under the Secretary of the Interior's Standards for Rehabilitation. The Standards for Rehabilitation acknowledge the need to alter a historic property to meet new uses or needs through compatible changes to the property, while also retaining the building's historic character. Based on this analysis, the City has determined that the camera installation activities do conform with the following applicable Standards for Rehabilitation, as detailed in 36 CFR Part 68:

- **Standard 1:** A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
- **Standard 2:** The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
- **Standard 3:** Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
- **Standard 5:** Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved.
- **Standard 7:** Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
- **Standard 9:** New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
- **Standard 10:** New additions and adjacent or related new construction shall be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

Each of these applicable Secretary of the Interior's Standards for Rehabilitation, as they relate to the camera installation activities, are discussed in more detail at the end of this report.

Maintenance Activities Completed to Preserve the Exterior of the Station "A" Building:

1. **Weekly Maintenance of the Exterior of Station "A"**
    a. Cleaning of 50th Street, Seville Avenue and parking lot, and outside areas to the north and east of the building.
    b. Maintenance of lawns, flower beds, and trees provided outside the Station "A" building, including the mowing of lawns.
2. **Monthly Maintenance of the Exterior of Station "A"**

    Sweeping of the following roads: (a) northeast access road from Seville Avenue to the northeast corner of the building, (b) south access road from 50th Street to the northeast corner of the building, (c) 50th Street access gate to Seville Avenue, and (d) Seville Avenue access gate to 50th Street.
3. **Quarterly Maintenance of the Exterior of Station "A"**

    Inspection of the following items: (a) lighting, (b) waste water separator, (c) safety systems, and (d) compressor backflow catch basin.
4. **Annual Maintenance of the Exterior of Station "A"**
    a. A visual inspection of the Station "A" building (exterior inspection) was conducted to determine if maintenance repairs were required.
    b. Roof drains were inspected and cleaned.
    c. First floor exterior windows were cleaned.

Maintenance Activities Completed to Preserve the Interior of the Station "A" Building:

1. **Daily Maintenance of the Interior of Station "A"**

    Sweeping and mopping of floors (control room, west offices and hallway, east offices and hallway, and dressing room and lavatory).
2. **Weekly Maintenance of the Interior of Station "A"**

    Sweeping and mopping of floors (battery charger room, basement, west 7-kilovolt [kV] room, east 7-kV room, main floor, 480-volt room, operations manager office, control room, machine shop, and piping gallery). Waxing of floors (control room and main floor hallways).
3. **Monthly Maintenance of the Interior of Station "A"**

    Elevator inspection, fire extinguisher inspections, automated external defibrillator (AED) inspection, and eye wash inspections.
4. **Quarterly Maintenance of the Interior of Station "A"**

    Inspection of the following items: (a) crane, (b) lighting, (c) spill cabinet, (d) exit sign emergency lighting, (e) safety systems, (f) smoke detectors, (g) maintenance of air conditioner units, (h) hot sticks and high voltage gloves used for switching and hot work, and (g) first aid kits.

5. **Semi-Annual Maintenance of the Interior of Station "A"**
    a. Waxing of floors (480-volt room, operations manager office, piping gallery, main floor, west 7-kV room, east 7-kV room, basement, battery charger room, machine shop, muffler deck, engine room, and air washer deck).
    b. Inspection of the east and west 7-kV room fire suppression system.
6. **Annual Maintenance of the Interior of Station "A"**
    a. Testing of potable water backflow device.
    b. Verification of safety data sheet (SDS) book.

Security of the Station "A" Building:

The security system at the Station "A" complex includes 23 high definition (HD) infrared cameras with digital video recording (DVR), 21 of which are physically located on the Station "A" building. Managers and control room staff can access the camera system to monitor any suspicious activity at Station "A". The camera system also helps identify the vehicles, drivers, passengers, and license plates entering the Soto Street and Seville Avenue gates.

The Station "A" building also includes a 24/7 security guard and a locked gate at the Soto Street entrance. The security guard screens visitors seeking access to Station "A", and the control room staff have the ability to screen visitors through the camera system at both the Soto Street and Seville Avenue entrance gates, as well as through an audible intercom system at the Soto Street entrance gate. The facility security restricts access to Station "A" to authorized personnel, consistent with Condition of Certification Number COM-9's Operational Security Plan and industry standards. Exterior and interior doors to Station "A" are accessed via use of a card key issued by the City of Vernon Police Department. All visitors to the facility are recorded in the Visitors and Systems Logs. Monthly checks are performed on all entrance and exit security doors.

In 2019, 5 new security cameras were installed along the exterior of the building, adding to the 16 security cameras that were similarly installed in 2017. These cameras replaced non-functional security system components that existed prior to 2019. The cameras were installed along the exterior building walls or near wall junctions, in a manner that limits the visibility of the cameras from a public vantage point. The 5 replacement security cameras were installed within existing camera mounts, which avoided impacts to historic fabric and materials, since new holes or openings were not required for the installation. The new system re-used the existing cabling located along the exterior or interior walls within existing conduits, and did not require destructive opening of any walls or spaces. Within the existing control room, no changes were required to the space configuration and layout of the room to accommodate the new security system. Additionally, no new surveillance monitors were installed; instead, the new cameras utilize the existing flat-screen mounted to the existing walls in the control room.

The following provides additional information on how the camera installation activities conform to the Secretary of the Interior's Standards for the Treatment of Historic Properties through the following applicable Standards for Rehabilitation, as detailed in 36 CFR Part 68:

- **Standard 1: A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.** The historic property has retained its historic use and character as a

power-related property, originally constructed in 1933, and the security camera installation activities required minimal changes to its exterior character-defining features, specifically its exterior stucco coating and stepped roof parapet. These character-defining features remain as highly visible elements that convey the property's historic integrity of design, materials, workmanship, and feeling.

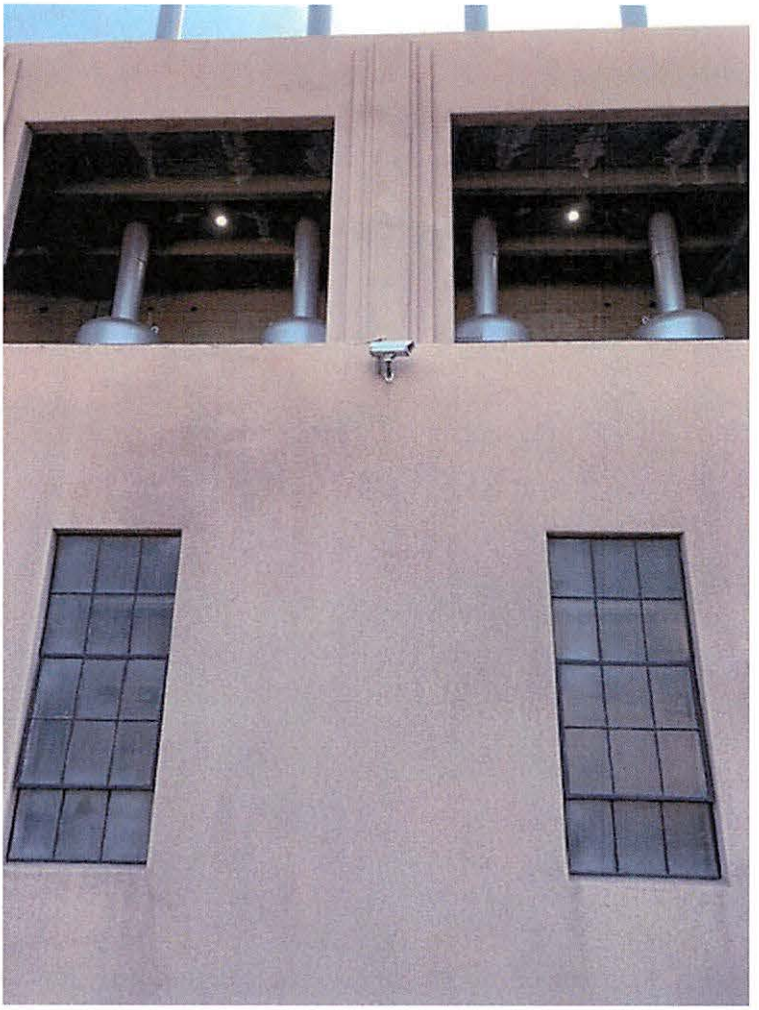
- **Standard 2: The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.** The new / replacement security cameras and the re-use of existing monitors in an existing control room did not affect historic materials or alter a space that characterizes the historic property. The cameras were installed in areas where cameras previously existed and re-used the existing mounts, cabling, and conduits, avoiding impacts to key features that characterize the property or contribute to its significance. For example, major exterior character-defining features, such as the stepped parapet, metal-sash industrial windows, ornamental window molding, and coarse stucco and fluted wall composition, remain intact and were not diminished by the camera installation activities. Furthermore, no changes occurred in the control room or alter the configuration or character of any interior or exterior spaces.
- **Standard 3: Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.** The cameras do not create a false sense of historic development. They are clearly distinguishable as modern features and do not impinge upon the property's historic sense of time, place, and use. Aside from the cameras within the existing mounts, no other features were installed and the property retains its core architectural elements from its period of significance.
- **Standard 5: Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved.** The camera installation activities did not affect the craftsmanship, workmanship, feeling, or materials of the historic property. As noted earlier, major character-defining features of the property remain intact. As a result, the property retains sufficient physical evidence from its period of development and significance, reflecting construction techniques and design elements and patterns from its construction.
- **Standard 7: Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.** No type of abrasive physical or chemical treatment was needed for the improvements.
- **Standard 9: New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.** The camera installation activities include very small-scale elements added to the exterior of the building and did not require destruction or major changes to any of the building's historic materials or character-defining features. The cameras were installed within the existing camera mounts, which avoided new drilling into the walls. The cameras are approximately 8.3" long, 2.83" high, and 3.14" wide, set into existing mounts that have an

approximately 3.5" diameter. These are minor changes to a large building and are compatible with its massing, size, scale, and appearance. Additionally, due to other nearby changes in the surrounding area, the cameras do not cause further changes to the setting and feeling of the property and other nearby power facilities.

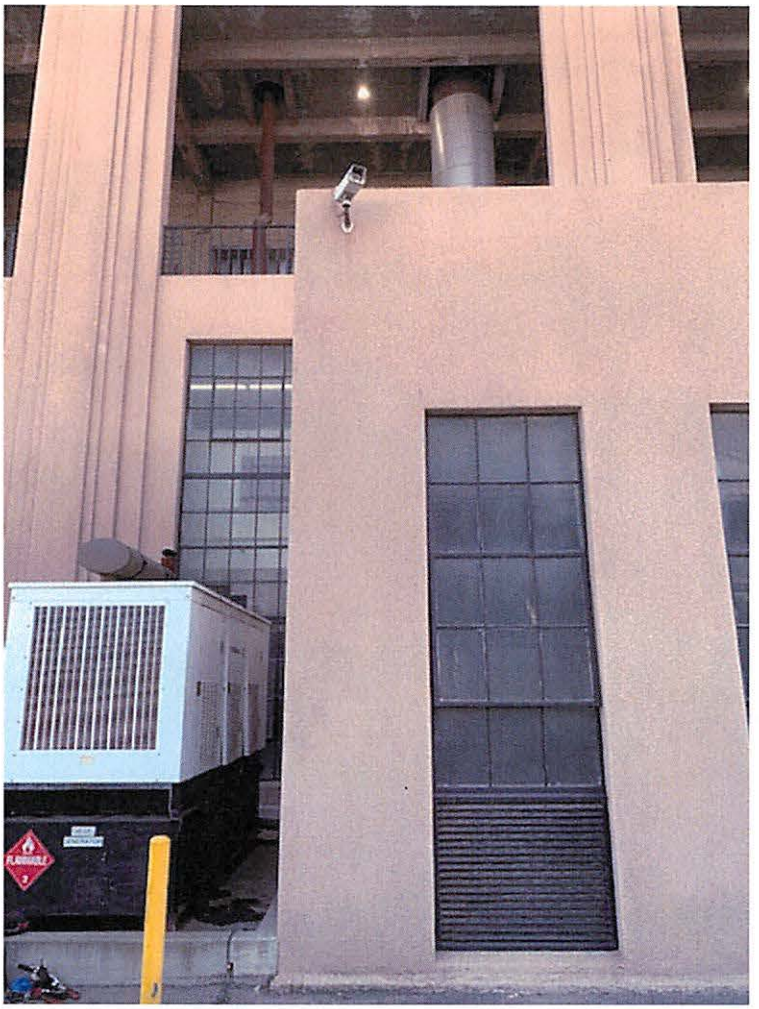
- **Standard 10: New additions and adjacent or related new construction shall be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.** The new cameras are reversible features that could be removed in the future without impacts to the property's form, design, context, appearance, and feeling. The cameras can easily be removed from the existing mounts, and the cabling can also easily be removed from the existing conduits. The removal of these features will not impact the property's essential form and integrity.

In conclusion, based on the above analysis, the City has determined that the installation of the 5 replacement security cameras and their associated systems conforms with the Secretary of the Interior's Standards for the Treatment of Historic Properties, and specifically the Standards for Rehabilitation. Photographs depicting the new cameras, a figure depicting their locations, and the technical specifications for the cameras are included in Attachment A.

ATTACHMENT A

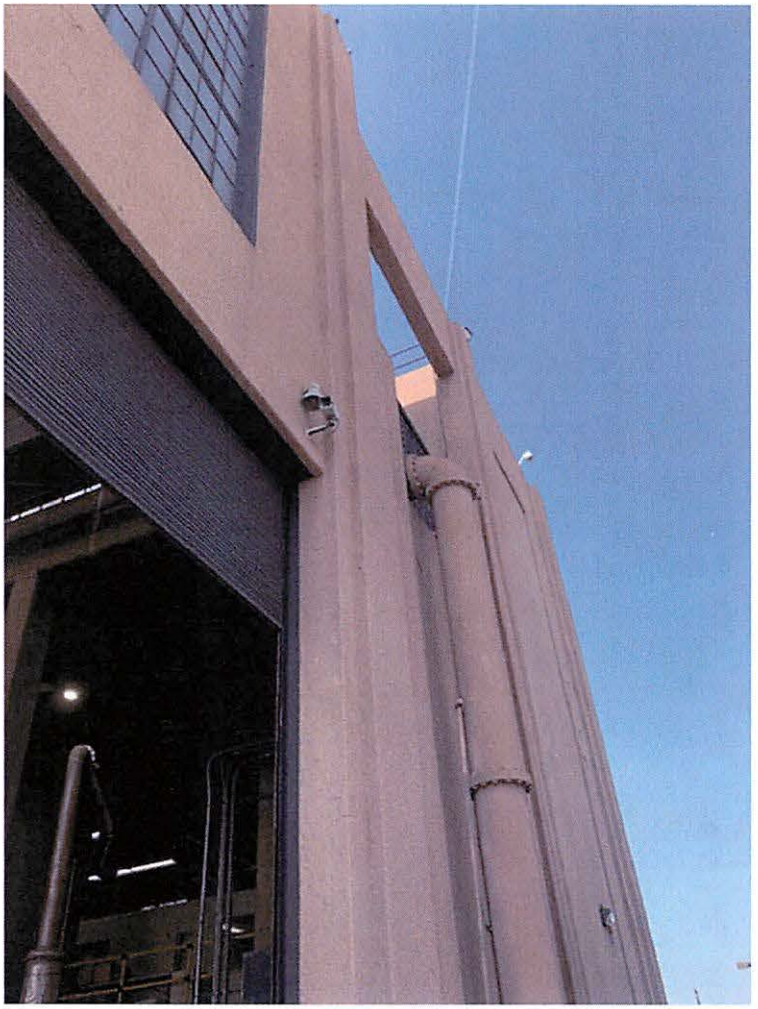


Camera along exterior wall.

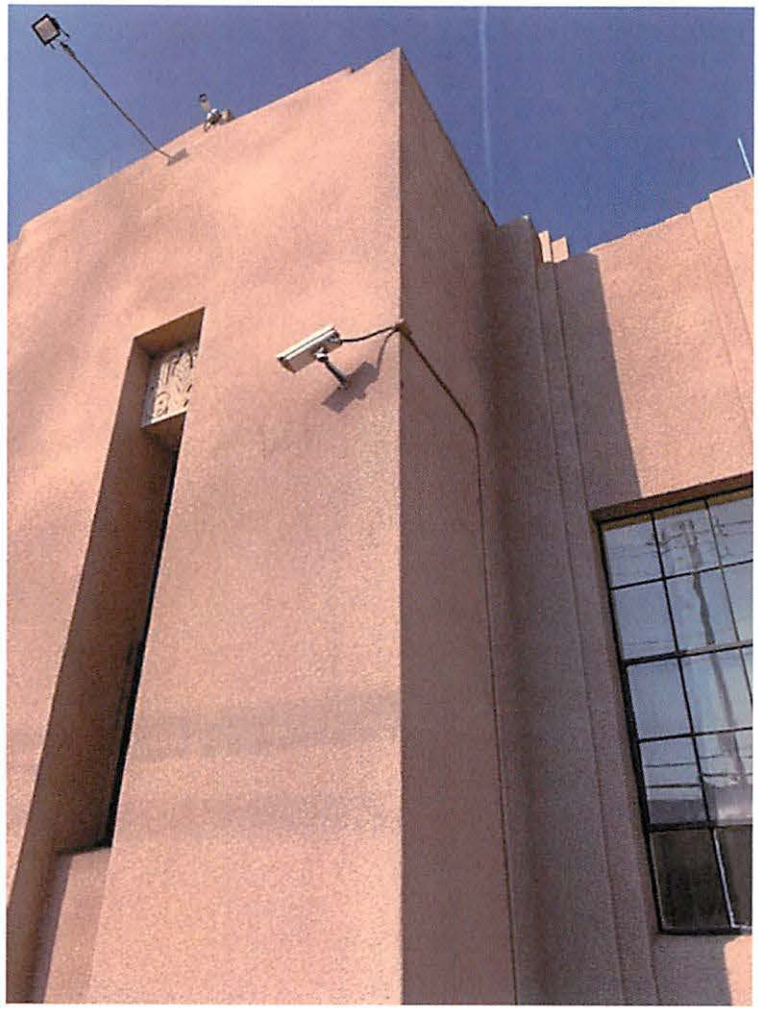


Camera along exterior wall.

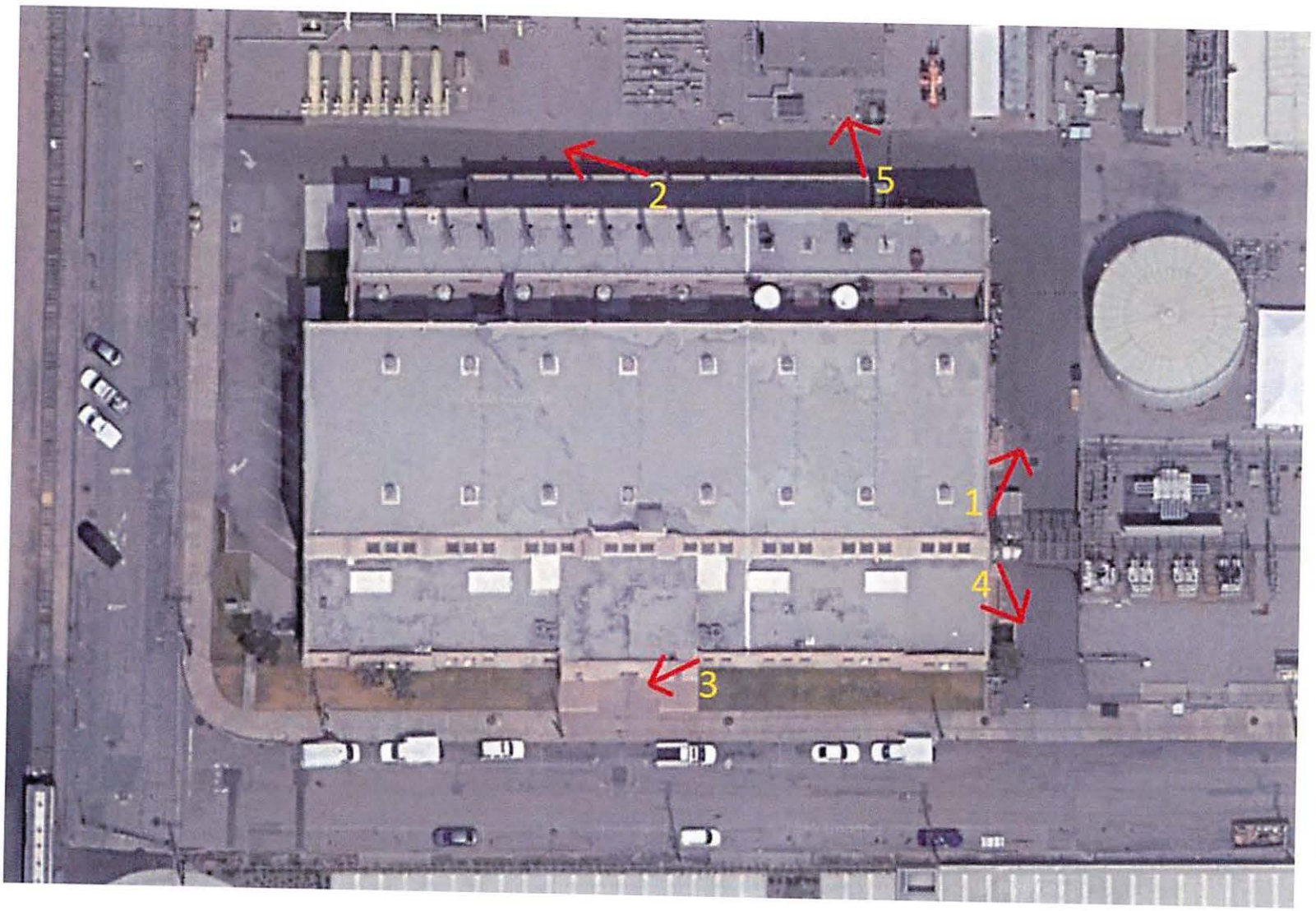
Camera along exterior wall.



Camera along exterior wall.



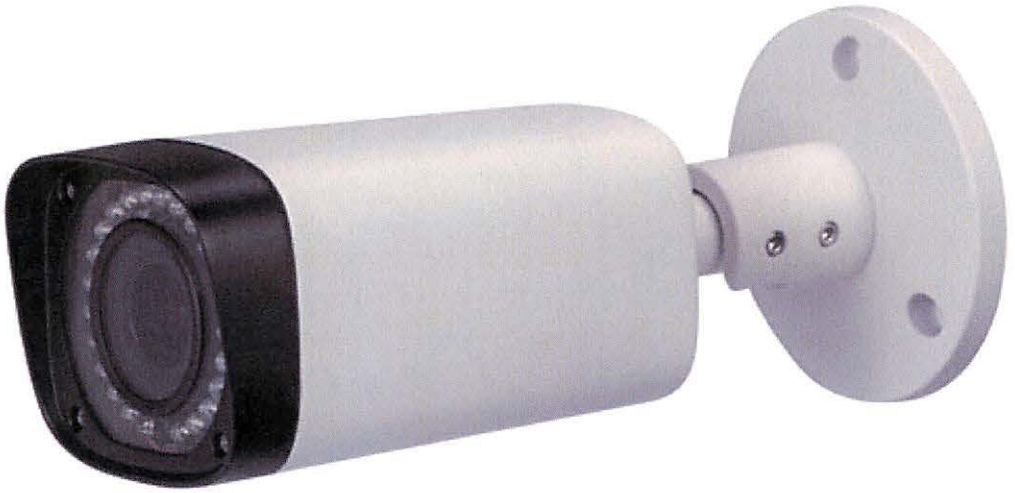
Camera along exterior wall, near wall-junction, with re-used cabling. .


2
5
1
4
3

CCVWB2D1Z

ETQDEPOT
ALWAYS SECURE

2.4Megapixel 1080P Water-proof HDCVI IR-Bullet Camera



Features

- 1/2.8" 2.4Megapixel CMOS
- 25/30@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and standard definition switchable
- OSD Menu, control over coaxial cable
- Day/Night(ICR), AWB, AGC, BLC, 3D-DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m (60m optional), Smart IR
- IP66, DC12V

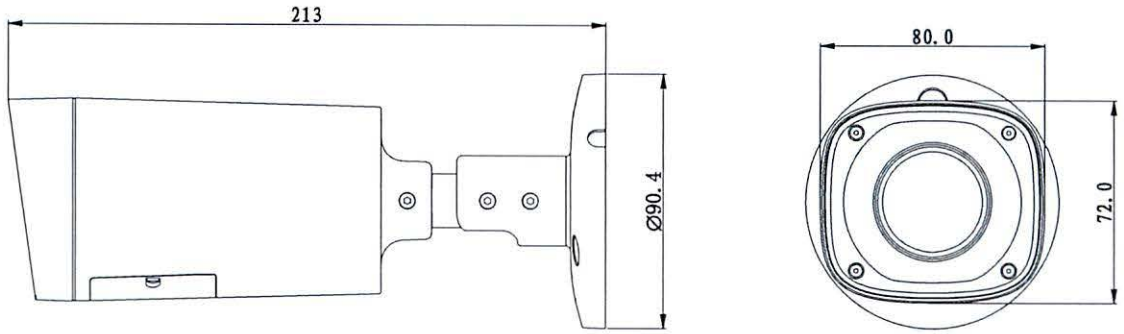
CCVWB2D1Z

Technical Specifications

Camera		
Image Sensor	1/2.8" 2.4Megapixel CMOS	
Effective Pixels	1984(H)×1225(V)	
Electronic Shutter	1/3s~1/100,000s	
Video Frame Rate	25/30/50/60fps@720P; 25/30fps@1080P	
Synchronization	Internal	
Mini. Illumination	0.05Lux@F1.2(AGC ON), 0Lux IR on	
Video Output	1-channel BNC HDCVI high definition video output/ CVBS standard definition video output (Can switch)	
Camera Features		
Max. IR LEDs Length	30m (60m optional), Smart IR	
Day/Night	Auto(ICR) / Color / B/W	
Noise Reduction	2D/3D	
OSD Menu	Support	
Lens		
Focal Length	2.7~12mm	
Angle of View	H: 105.5° ~32.9°	
Lens Type	Motorized / Fixed Iris	
Mount Type	Φ14	
General		
Power Supply	DC12V±10%	
Power Consumption	Max 7.44W(30m IR) / 11W(60m IR)	
Working Environment	-30°C~+60°C / Less than 95%RH (no condensation)	
Transmission Distance	Over 300m via 75-3 coaxial cable	
Ingress Protection	IP66	
Dimensions(W×D×H)	213mm×80mm×72mm	
Weight	0.55kg	

CCVWB2D1Z

Dimensions (mm)



Accessories (optional)

		
PFA122	PFA150	PFA152

APPENDIX G

POTABLE AND RECLAIM WATER USAGE

Table 2-17

Malburg Generating Station
Diesel Fuel Usages

Year 2019

Month	Hours of Operation			Fuel Used	Emissions Factor (lbs/Mgal)				
				11.2 gal/hr	NOX	SOX	CO	PM10	VOC
	Maintenance	Testing	Emergency	(gals)	469	11	66.9	30.5	37.5
January	0.0	2.0	0.0	18.0	8.44	0.20	1.20	0.55	0.68
February	0.0	2.0	0.0	18.0	8.44	0.20	1.20	0.55	0.68
March	0.0	2.0	0.0	18.0	8.44	0.20	1.20	0.55	0.68
April	0.0	2.5	0.0	22.5	10.55	0.25	1.51	0.69	0.84
May	0.0	1.6	0.0	14.4	6.75	0.16	0.96	0.44	0.54
June	0.0	1.1	0.0	9.9	4.64	0.11	0.66	0.30	0.37
July	0.0	0.4	0.0	3.6	1.69	0.04	0.24	0.11	0.13
August	0.0	2.1	0.0	18.9	8.86	0.21	1.26	0.58	0.71
September	0.0	2.0	0.0	18.0	8.44	0.20	1.20	0.55	0.68
October	0.0	2.3	0.0	25.8	12.08	0.28	1.72	0.79	0.97
November	0.0	1.9	0.0	21.3	9.98	0.23	1.42	0.65	0.80
December	0.0	2.3	0.0	25.8	12.08	0.28	1.72	0.79	0.97
TOTAL	**0.0**	**22.2**	**0.0**	**214.1**	**100.41**	**2.36**	**14.32**	**6.53**	**8.03**

Note: Operations for maintenance and testing shall not exceed 50 hours in any one calendar year per air permit condition C1.5 (Sec. H, pg. 16)

Table 2-18

Yearly Water Use Totals

Year	Reclaim Water Used (gal)	(cu. ft.)	(acre-feet)
2019	211,811,049	28,313,200	649.982
2018	183,802,933	24,569,300	564.034
2017	233,471,537	31,208,600	716.451
2016	260,574,452	34,831,500	799.621
2015	249,217,545	33,313,400	764.770
2014	286,933,755	38,355,000	880.510
2013	257,708,480	34,448,400	790.826
2012	231,756,143	30,979,300	711.187
Average	**239,409,487**		

Year	Potable Water Used (gal)	(cu. ft.)	(acre-feet)
2019	421,180	56,300	1.292
2018	70,321	9,400	0.216
2017	1,220,899	163,200	3.747
2016	195,254	26,100	0.599
2015	412,203	55,100	1.265
2014	58,352	7,800	0.179
2013	0	0	0.000
2012	3,288,648	439,600	10.092
Average	**708,357**		

Table 2-19

Malburg Generating Station
Potable Water Usage During 2019
Year : 2019

Month	Water Used			Average Water Usage	Days used For Process Cooling
	(gal)	(cu. ft.)	(acre-feet)	(gpd)	
JANUARY	2,244	300	0.007	70	0.0
FEBRUARY	0	0	0.000	0	0.0
MARCH	1,496	200	0.005	50	0.0
APRIL	748	100	0.002	20	0.0
MAY	2,244	300	0.007	70	0.0
JUNE	2,992	400	0.009	100	0.0
JULY	748	100	0.002	20	0.0
AUGUST	748	100	0.002	20	0.0
SEPTEMBER	8,977	1,200	0.028	300	0.0
OCTOBER	396,493	53,000	1.217	12,790	0.5
NOVEMBER	2,244	300	0.007	70	0.0
DECEMBER	2,244	300	0.007	70	0.0
Yearly TOTAL	**421,178**	**56,300**	**1.29**		**0.5**
MONTHLY AVERAGE	**35,000**	**4,692**	**0.108**		

Table 2-20

Malburg Generating Station
Reclaimed Water Usage During 2019

Month	Water Used (gal)	(cu. ft.)	(acre-feet)	Average Water Usage (gpd)
JANUARY	11,686,818	1,562,200	35.86	376,990
FEBRUARY	18,206,510	2,433,700	55.87	650,230
MARCH	17,366,393	2,321,400	53.29	560,210
APRIL	16,885,365	2,257,100	51.82	562,850
MAY	13,514,427	1,806,500	41.47	435,950
JUNE	13,715,665	1,833,400	42.09	457,190
JULY	19,426,661	2,596,800	59.61	626,670
AUGUST	22,156,478	2,961,700	67.99	714,730
SEPTEMBER	22,361,457	2,989,100	68.62	745,380
OCTOBER	20,129,875	2,690,800	61.77	649,350
NOVEMBER	17,877,346	2,389,700	54.86	595,910
DECEMBER	18,484,055	2,470,800	56.72	596,260
Yearly TOTAL	**211,811,050**	**28,313,200**	**649.98**	**580,300**
MONTHLY AVERAGE	**17,651,000**	**2,359,433**	**54.165**	**580,980**

APPENDIX H

NOISE COMPLAINT LOG AND RESOLUTION FORM

CEC Complaint Log

Complaint Log Number	Date Received	Complainant Name	Complainant Contact Info.	Nature of Complaint	Report Submitted to CEC
C1001	6/11/2010	Ken Wilson	323-236-7600 KenWilson@microalarm.com	Startup noise from steam relief vents.	7/2/2010 (Closed)
C1002	6/21/2011	Ken Wilson	323-236-7600 KenWilson@microalarm.com	Startup noise from steam relief vents.	7/27/11 (Closed)
C1003	7/26/2012	Ken Wilson	323-236-7600 KenWilson@microalarm.com	Startup noise from steam relief vents.	8/10/2012 (Closed)

APPENDIX I
NOTICES, COMPLAINTS, AND CITATIONS.

South Coast Air Quality Management District
21865 COPLEY DR., P.O. Box 4941, DIAMOND BAR, CA 91765-0941

NOTICE TO COMPLY

08 / 30 / 19
DATE OF INSPECTION

Facility Name:	Facility ID#:	Sector:
Bicent (California) Malburg LLC	155474	CE

Location Address:	City:	Zip:
4963 S Soto St	Vernon	90058-2911

Mailing Address:	City:	Zip:
4963 S Soto St	Vernon	90058-2911

This Notice to Comply is being issued to:

☐ Request additional information needed to determine compliance with clean air requirements.
☑ Correct a minor violation found during an inspection.

Failure to respond or take corrective action, or providing false statements in response to this Notice to Comply can lead to issuance of a Notice of Violation pursuant to the California Health and Safety Code. The facility cited above is subject to re-inspection at any time to ensure compliance.

YOU ARE HEREBY DIRECTED TO COMPLY WITH:

#	AQMD RULE/ CAL H&S CODE	REQUIREMENT	COMPLIANCE DUE DATE	COMPLIANCE ACHIEVED DATE
1	2004 (e)	Submit QLERs with accurate emissions	11/20/19	
2	2004 (b)(4)	Submit ADEP with accurate emissions	11/20/19	
3	2012 App A Ch4B	Calculate Process unit emissions using either Equation 28 or with the fuel consumption at maximum rating.	11/20/19	
4	2012 (g)(7)	Calculate and electronically report emissions for equipment exempt from permit requirements pursuant to R219	11/20/19	
5	2012 App A (Ch7 (D)(2)	Electronically report aggregate quarterly emissions for equipment exempt from permit requirements pursuant to R219	11/20/19	
6				

Served To:	Served By:		
Thomas Barnhart	David Chen		
Title:	**Date Served:**	**Phone:**	**Fax:**
Environmental Specialist	11/06/19	909.396.2085	
Email Address:	**Phone:**	**Email Address:**	**Forms/Applications/Info available at:**
tbarnhart@herotpower.com	323.476.3626	dchen@aqmd.gov	www.aqmd.gov

Instructions:

- For each minor violation cited above, compliance shall be achieved by the compliance deadline specified for that particular violation.
- Within 5 working days of achieving compliance for each respective violation, the owner/responsible officer of the cited facility must complete and return a signed copy of this Notice to Comply to the South Coast Air Quality Management District at the address listed above.
- Please copy and return this Notice to Comply as many times as necessary to provide the required information. On each copy, include the date on which compliance was achieved. **Date, sign, and send all completed copies to the attention of the inspector named above.**

I hereby certify that the facility cited in this Notice to Comply has achieved compliance with the requirements listed above.

NAME OF OWNER/RESPONSIBLE OFFICIAL	TITLE	SIGNATURE	DATE

NOTICE#: E 45029

FILE COPY (Blue) *FACILITY COPY (Gold)* *INSPECTOR COPY (White)*

Malburg Generating Station (CERSID: 10451263)

Facility Information **Submitted Jul 30, 2019**

Submitted on 7/30/2019 8:59:14 AM by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

- Business Activities
- Business Owner/Operator Identification

Hazardous Materials Inventory **Submitted Jul 30, 2019**

Submitted on 7/30/2019 8:59:14 AM by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

- Hazardous Material Inventory (47)
- Site Map (Official Use Only)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 434KB)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 395KB)
  - *Annotated Site Map (Official Use Only)* (Adobe PDF, 1419KB)

Emergency Response and Training Plans **Submitted Jul 30, 2019**

Submitted on 7/30/2019 8:59:14 AM by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

- Emergency Response/Contingency Plan
  - *Emergency Response/Contingency Plan* (Adobe PDF, 258KB)
  - *Emergency Response/Contingency Plan* (Adobe PDF, 891KB)
  - *Emergency Response/Contingency Plan* (Adobe PDF, 401KB)
- Employee Training Plan
  - Provided In Submital Element: Emergency Response and Training Plans

Aboveground Petroleum Storage Act **Submitted Jul 30, 2019**

Submitted on 7/30/2019 8:59:14 AM by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

- Aboveground Petroleum Storage Act Documentation
  - Provided In Submital Element: Hazardous Materials Inventory
- APSA Facility Information

Site Identification

Malburg Generating Station
4963 S Soto St
Vernon, CA 90058
County
Los Angeles

CERS ID
10451263
EPA ID Number
CAL000333289

Submittal Status

Submitted on 7/30/2019 by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

Hazardous Materials

Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive inventory local reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	**Yes**

Underground Storage Tank(s) (UST)

Does your facility own or operate underground storage tanks?	**No**

Hazardous Waste

Is your facility a Hazardous Waste Generator?	**Yes**
Does your facility treat hazardous waste on-site?	**No**
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	**No**
Does your facility consolidate hazardous waste generated at a remote site?	**No**
Does your facility need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	**No**
Does your facility generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	**No**
Is your facility a Household Hazardous Waste (HHW) Collection site?	**No**

Excluded and/or Exempted Materials

Does your facility recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	**No**
Does your facility own or operate ASTs above these thresholds? Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	**Yes**
Does your facility have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	**Yes**

Additional Information

No additional comments provided.

Facility/Site

Malburg Generating Station
4963 S Soto St
Vernon, CA 90058

CERS ID
10451263

Submittal Status

Submitted on 7/30/2019 by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

Identification

Colorado Energy Management, LLC

Operator Phone	Business Phone	Business Fax
(303) 442-5112	(323) 476-3610	(323) 476-3640

Beginning Date	Ending Date	
Dun & Bradstreet	**SIC Code**	**Primary NAICS**
031850840	4911	221112

Facility/Site Mailing Address

4963 S Soto St
Vernon, CA 90058

Primary Emergency Contact

Matt Richards
Title
Plant Manager

Business Phone	24-Hour Phone	Pager Number
(323) 476-3623	(626) 393-3748	

Owner

Bicent (California) Malburg, LLC
(410) 770-9500
100 N. West Street
Easton, MD 20601

Secondary Emergency Contact

Kyle McCormack
Title
Environmental Manager

Business Phone	24-Hour Phone	Pager Number
(303) 607-5590	(323) 775-3873	

Billing Contact

Charlotte McLemore
(323) 476-3622 cmclemore@coloradoenergy.com
4963 S Soto St
Vernon, CA 90058

Environmental Contact

Thomas Barnhart
(720) 545-7231 tbarnhart@coloradoenergy.com
4963 Soto Street
Vernon, CA 90058

Name of Signer	Signer Title	Document Preparer
Matt Richards	Plant Manager	Thomas Barnhart

Additional Information

Locally-collected Fields

Some or all of the following fields may be required by your local regulator(s).

Property Owner

Phone

Mailing Address

,

Assessor Parcel Number (APN)

Number of Employees

Facility ID
VERN

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Ammonia Distribution - HRSG 1 Vaporizing Skid**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Toxic, Corrosive, Flammable Liquid, Class I-C	**Aqueous Ammonia** CAS No 1336-21-6 Map: SA-3A Grid: 4/5 B Item 18	**Gallons** State Liquid Type Pure	**50** Storage Container Other Days on Site: 365	**50**	50 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Ammonia Distribution - HRSG 2 Vaporizing Skid**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Toxic, Corrosive, Flammable Liquid, Class I-C	**Aqueous Ammonia** CAS No 1336-21-6 Map: SA-3A Grid: 4/5 B Item 19	**Gallons** State Liquid Type Pure	**50** Storage Container Other Days on Site: 365	**50**	50 Pressue > Ambient Temperature Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Ammonia Distribution - Underground Piping**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Aqueous Ammonia	**Gallons**	**50**	**50**	50		- Physical Flammable - Physical Gas Under Pressure - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation				
Toxic, Corrosive, Flammable Liquid, Class I-C	CAS No 1336-21-6 Map: SA-3A Grid: 2 C/D Item 16	State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue Temperature	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Ammonia Storage Area - Pump Skid**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Aqueous Ammonia	**Gallons**	**5**	**5**	5		- Physical Flammable - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation				
Toxic, Corrosive, Flammable Liquid, Class I-C	CAS No 1336-21-6 Map: SA-3A Grid: 2 C/D Item 16	State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue Temperature	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Ammonia Storage Area - Storage Tank

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Aqueous Ammonia	**Gallons**	**8000**	**10809**	4000		- Physical Flammable - Physical Gas Under Pressure - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation				
Toxic, Corrosive, Flammable Liquid, Class I-C	CAS No 1336-21-6 Map: SA-3A Grid: 2 C/D Item 15	State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue Temperature	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Auxiliary Power Distribution Transformer Area
Transformer A

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 1 B Item 44	**Gallons** State Liquid Type Mixture	**280** Storage Container Other Days on Site: 365	**280**	280 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Auxiliary Power Distribution Transformer Area
Transformer B

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 1 B Item 45	**Gallons** State Liquid Type Mixture	**280** Storage Container Other Days on Site: 365	**280**	280 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **CEMS Building**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only) Component Name	% Wt	EHS	CAS No.
	Nitrogen CAS No 7717-37-9 Map: SA-3A Grid: 3 B Item 36	**Cu. Feet** State Gas Type Pure	**568** Storage Container Cylinder Days on Site: 365	**568**	284 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure				
Toxic	**Nitrogen / Nitrogen Oxide / Carbon Monoxide Blend** CAS No Map: SA-3A Grid: 3 B item 37	**Cu. Feet** State Gas Type Pure	**1704** Storage Container Cylinder Days on Site: 365	**284**	852 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Combustion Turbine Generator Building CTG1**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Lubricating Oil	**Gallons**	**3700**	**3700**	3700		- Physical Flammable				
Combustible Liquid, Class III-B	CAS No 64742-54-7 Map: SA-3A Grid: 6/7 B Item 33	State Liquid Type Mixture	Storage Container Aboveground Tank, Other Days on Site: 365		Pressue > Ambient Temperature > Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Combustion Turbine Generator Building CTG2**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Lubricating Oil	**Gallons**	**3700**	**3700**	3700		- Physical Flammable				
Combustible Liquid, Class III-B	CAS No 64742-54-7 Map: SA-3A Grid: 6/7 C Item 34	State Liquid Type Mixture	Storage Container Aboveground Tank Days on Site: 365		Pressue > Ambient Temperature > Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Covered Storage Area Next to Ammonia Tank

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Rags CAS No 65996-61-4	**Pounds** State Solid Type Waste	**5** Storage Container Steel Drum Days on Site: 180	**55**	1 Pressue Temperature	500 Waste Code		Oil Rags Wipes, Polypropylene	30 % 70 % 20 %		8012-95-1
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	**Diesel Fuel No. 2** CAS No 68476-34-6 Map: SA-3a Grid: D3	**Gallons** State Liquid Type Pure	**165** Storage Container Steel Drum Days on Site: 365	**55**	100 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Acute Toxicity				
Combustible Liquid, Class III-B	**Used lubricating oils** CAS No 70514-12-4	**Gallons** State Liquid Type Waste	**5** Storage Container Steel Drum	**55**	1 Pressue Ambient Temperature Ambient	350 Waste Code 221		Waste Oil Water	95 % 5 %		70514-12-4 7732-18-5

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Diesel Fire Pump House

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	**Diesel Fuel No. 2** CAS No 68476-34-6 Map: SA-3A Grid: 8 C Item 46	**Gallons** State Liquid Type Pure	**240** Storage Container Tank Inside Building Days on Site: 365	**240**	240 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Generator Step up (GSU) Area - GSU CTG1**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 7 D Item 30	**Gallons** State: Liquid Type: Mixture Storage Container: Other Days on Site: 365	**4370**	**4370**	4370 Pressue: > Ambient Temperature: > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No 7727-37-9 Map: SA-3A Grid: 7 D Item 30	**Cu. Feet** **140** State: Gas Type: Pure Storage Container: Cylinder Days on Site: 365			Pressue: > Ambient Temperature: Ambient	Waste Code	- Physical Gas Under Pressure				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Generator Step up (GSU) Area - GSU CTG2

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 7 D Item 31	**Gallons** State Liquid Type Mixture	**4370** Storage Container Other Days on Site: 365	**4370**	4370 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No 7727-37-9 Map: SA-3A Grid: 7 D Item 31	**Cu. Feet** State Gas Type Pure	**140** Storage Container Cylinder Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Generator Step up (GSU) Area - GSU STG

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 6 D Item 32	**Gallons** State Liquid Type Mixture	**4370** Storage Container Other Days on Site: 365	**4370**	4370 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0
DOT: 2.2 - Nonflammable Gases	**Nitrogen** CAS No 7727-37-9 Map: SA-3A Grid: 6 D Item 32	**Cu. Feet** State Gas Type Pure	**140** Storage Container Cylinder Days on Site: 365		0 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **HRSG Cooling Tower Bulk Chemical Area**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Toxic, Combustible Liquid, Class III-B	**Acrylate Polymer, Phosphate, Phosphonate** CAS No Map: SA-3B Grid: 2 A Item 6	**Gallons** State: Liquid Type: Mixture	**1300** Storage Container: Aboveground Tank Days on Site: 365	**1300**	650 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Skin Corrosion Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Toxic, Corrosive, Water Reactive, Class 2	**Sulfuric Acid 66 Be** CAS No 7664-93-9 Map: SA-3B Grid: 2 A Item 7	**Gallons** State: Liquid Type: Pure	**2500** Storage Container: Aboveground Tank Days on Site: 365	**2500**	1500 Pressue: Ambient Temperature: Ambient	Waste Code	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Oxidizing, Class 2	**Sodium Hypochlorite** CAS No 7681-52-9 Map: SA-3B Grid: 2 A Item 8	**Gallons** State: Liquid Type: Pure	**2400** Storage Container: Plastic/Non-metalic Drum Days on Site: 365	**2400**	1500 Pressue: Ambient Temperature: Ambient	Waste Code	- Physical Oxidizer - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **HRSG Cooling Tower Specialty Chemical Area**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Flammable Liquid, Class I-C	**Biocide** CAS No Map: SA-3B Grid: 4 B/C Item 4	**Gallons** State: Liquid Type: Mixture	**150** Storage Container: Aboveground Tank Days on Site: 365	**75**	100 Pressue: Ambient Temperature: Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Dimethyl-Dioctyl-Ammonium Chloride Glycerol	50 % 10 %		5538-94-3 56-81-5
Flammable Liquid, Class I-C	**Biodispersant - Deposit Penetrant** CAS No Map: SA-3B Grid: 4 B/C Item 5	**Gallons** State: Liquid Type: Mixture	**475** Storage Container: Aboveground Tank Days on Site: 365	**400**	250 Pressue: Ambient Temperature: Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **HRSG Water Chemical Area**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Explosive	**Oxygen Scavenger** CAS No 497-18-7 Map: SA-3A Grid: 3 B/C Item 1	**Gallons** State Liquid Type Mixture	**300** Storage Container Aboveground Tank Days on Site: 365	**200**	200 Pressue Ambient Temperature Ambient	Waste Code	- Physical Explosive - Health Acute Toxicity				
Toxic, Corrosive, Flammable Liquid, Class I-C, Combustible Liquid, Class II	**Corrosion Inhibitor** CAS No Map: SA-3A Grid: S B/C Item 2	**Gallons** State Liquid Type Mixture	**600** Storage Container Aboveground Tank Days on Site: 365	**200**	400 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Acute Toxicity	Cyclohexylamine Morpholine	30 % 10 %	✓	108-91-8 110-91-8
Corrosive	**Boiler Phosphate** CAS No Map: SA-3A Grid: 3 B/C Item 3	**Gallons** State Liquid Type Mixture	**200** Storage Container Aboveground Tank Days on Site: 365	**200**	100 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion Irritation	Sodium Hydroxide Sodium Tripolyphosphate	5 % 5 %		1310-73-2 7758-29-4

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Main Power Distribution Transformer Area Transformer A**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Transformer Oil	**Gallons**	**280**	**280**	280		- Physical Flammable	Severely Hydrotreated Light Napthalic Hydro Oil	100 %		64742-53-6
Combustible Liquid, Class III-B	CAS No 64742-53-6 Map: SA-3A Grid: 5/6 C Item 42	State Liquid Type Mixture	Storage Container Other Days on Site: 365		Pressue > Ambient Temperature > Ambient	Waste Code		2,6 di-tert-butyl	0 %		128-37-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Main Power Distribution Transformer Area Transformer B**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 5/6 C Item 43	**Gallons** State Liquid Type Mixture	**280** Storage Container Other Days on Site: 365	**280**	280 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 5/6 C Item 43	**Gallons** State Liquid Type Mixture	**280** Storage Container Other Days on Site: 365	**280**	280 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Natural Gas Accumulator

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Natural Gas	**Cu. Feet**	**1600**	**1600**	1600		- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				
Flammable Gas, Explosive, Toxic	CAS No 8006-14-2 Map: SA-3A Grid: 4 C Item 23	State Gas Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Natural Gas Compressor Skid

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Flammable Gas, Explosive	**Natural Gas** CAS No 8006-1-2 Map: SA-3A Grid: 4 C Item 20 State Gas Type Pure	**Cu. Feet** Storage Container Aboveground Tank Days on Site: 365	**4000**	**4000**	4000 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Natural Gas Cooler

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Natural Gas	**Cu. Feet**	**1600**	**1600**	1600		- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				
Flammable Gas	CAS No 8006-14-2 Map: SA-3A Grid: 4 C Item 22	State Gas Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Natural Gas CTG1 Metering / Control Skid

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Natural Gas	**Cu. Feet**	**9000**	**9000**	9000		- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				
Flammable Gas, Explosive, Toxic	CAS No 8006-14-2 Map: SA-3A Grid: 6 B Item 26	State Gas Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Natural Gas Electric Heater

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Flammable Gas, Explosive	**Natural Gas** CAS No 8006-14-2 Map: SA-3B Grid: 4 C Item 24	**Cu. Feet** State Gas Type Pure	**1600** Storage Container Aboveground Tank Days on Site: 365	**1600**	1600 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Natural Gas Liquid Drain Tank**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Lubricating Oil	**Gallons**	**100**	**100**	50	200	- Physical Flammable				
Flammable Gas, Combustible Liquid, Class III-A	CAS No 64742-54-7 Map: SA-3A Grid: 4 C Item 25	State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365		Pressue > Ambient Temperature Ambient	Waste Code					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Natural Gas Regulation / Metering Pad

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Flammable Gas, Explosive	**Natural Gas** CAS No 8006-14-2 Map: SA-3A Grid: 4 C Item 21 State Gas Type Pure	**Cu. Feet** Storage Container Aboveground Tank Days on Site: 365	**3000**	**3000**	3000 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Starting Motor Transformer CTG1

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 7 B Item 40	**Gallons** State Liquid Type Mixture	**490** Storage Container Other Days on Site: 365	**490**	490 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location
Starting Motor Transformer CTG2

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
Combustible Liquid, Class III-B	**Transformer Oil** CAS No 64742-53-6 Map: SA-3A Grid: 7 C Item 41	**Gallons** State Liquid Type Mixture	**490** Storage Container Other Days on Site: 365	**490**	490 Pressue > Ambient Temperature > Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure	Severely Hydrotreated Light Napthalic Hydro Oil 2,6 di-tert-butyl	100 % 0 %		64742-53-6 128-37-0

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Steam Turbine Generator Building - STG**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
	Lubricating Oil	**Gallons**	**4480**	**4480**	4480						
	CAS No: 64742-54-7 Map: SA-3A Grid: 2 B/C Item 35	State: Liquid Type: Mixture	Storage Container: Aboveground Tank Days on Site: 365		Pressue: > Ambient Temperature: > Ambient	Waste Code					

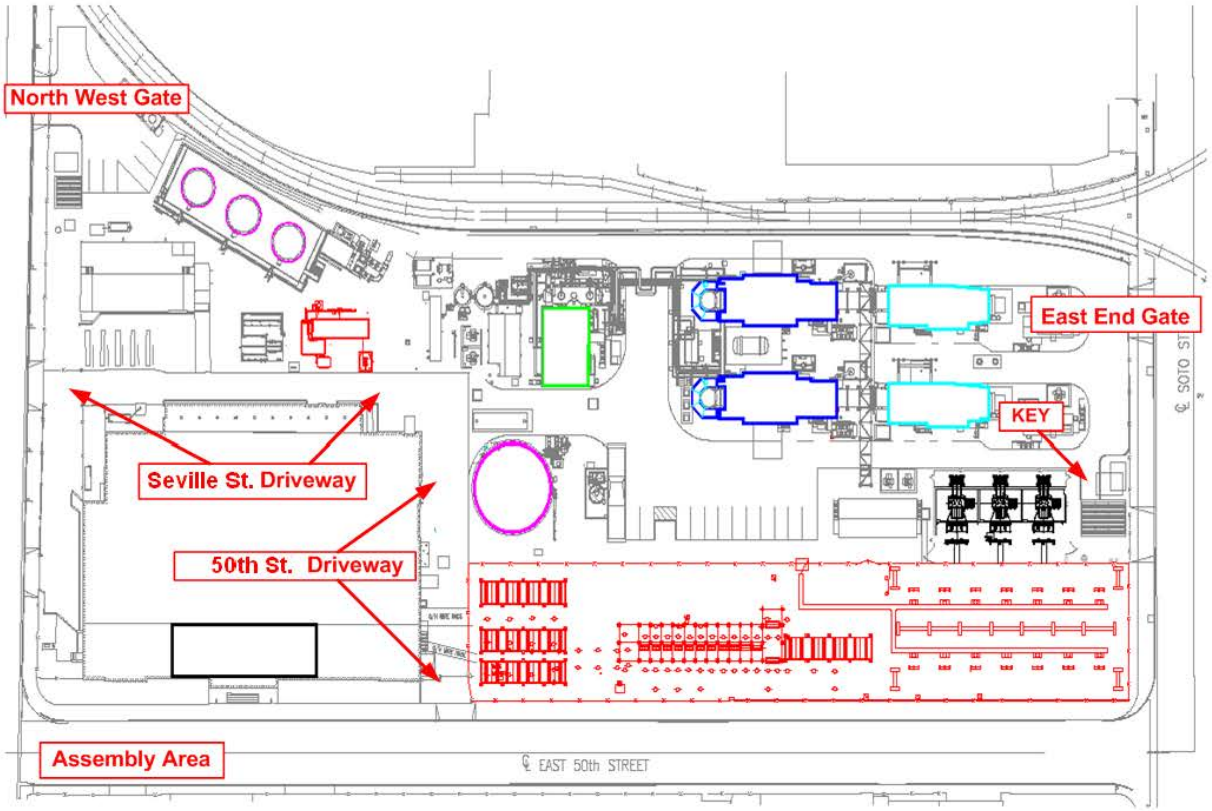
Hazardous Materials And Wastes Inventory Matrix Report

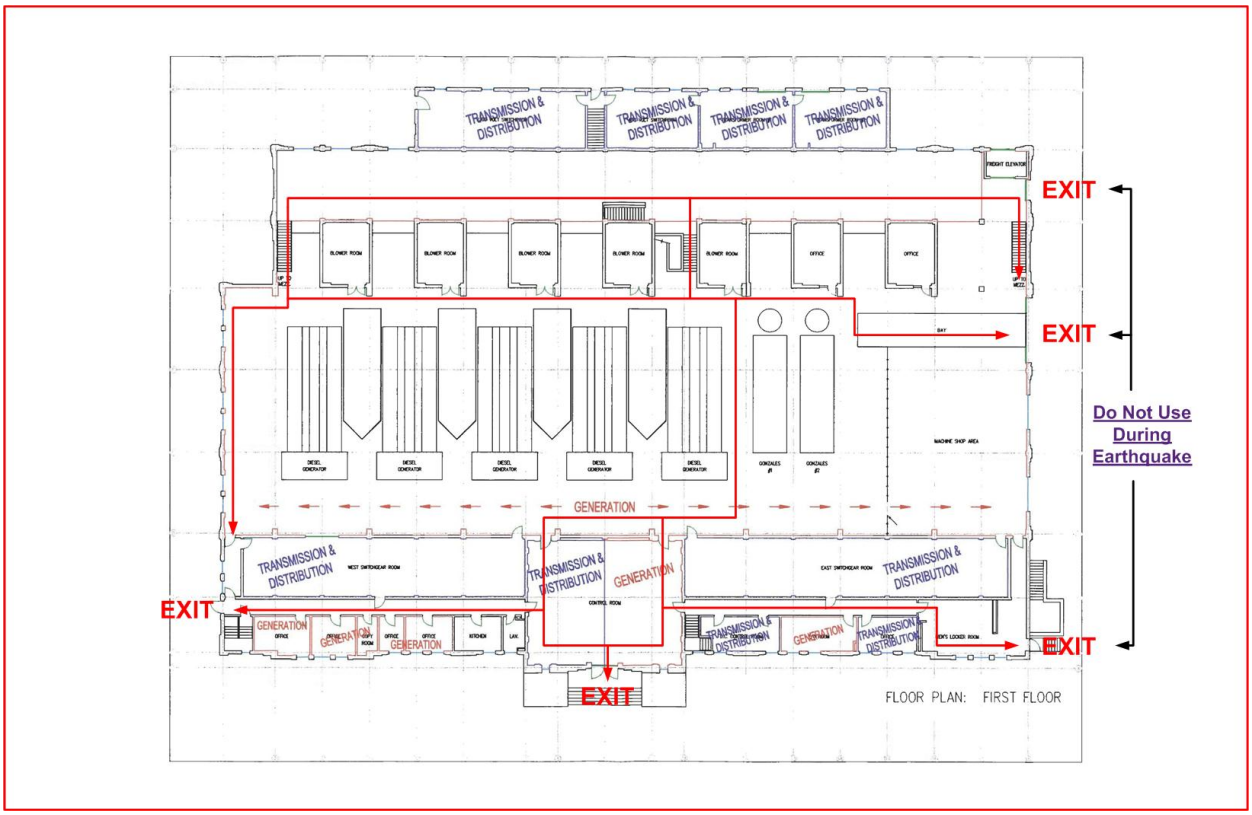
CERS Business/Org. **Malburg Generating Station**
Facility Name **Malburg Generating Station**
4963 S Soto St, Vernon 90058

Chemical Location **Water Treatment Chemical Area**

CERS ID **10451263**
Facility ID **VERN**
Status **Submitted** on 7/30/2019 8:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities: Max. Daily	Quantities: Largest Cont.	Quantities: Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only): Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Oxidizing, Class 2	**Sodium Hypochlorite** CAS No 7681-52-9 Map: SA-3B Grid: 5C Item 14	**Gallons** State Liquid Type Pure	**100** Storage Container Plastic/Non-metalic Drum Days on Site: 365	**100**	1 Pressue Ambient Temperature Ambient	Waste Code	- Physical Oxidizer - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	**Ferric Chloride** CAS No Map: SA-3B Grid: 5 C Item 11	**Gallons** State Liquid Type Mixture	**60** Storage Container Plastic/Non-metalic Drum Days on Site: 365	**30**	50 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Ferric Chloride Hydrochloric Acid	45 % 1 %		7705-08-0 7647-01-0
Toxic, Corrosive	**Anti-Scalant** CAS No Map: SA-3B Grid: 5 C Item 56	**Gallons** State Liquid Type Mixture	**75** Storage Container Other Days on Site: 365	**75**	50 Pressue Temperature	Waste Code		Phosphonic Acid Salt Alkali Hydroxide Aminotrialkylphosphonic Acid Phosphonic Acid Inorganic Acid	12 % 9 % 16 % 1 % 0 %		Proprietary Proprietary Proprietary Proprietary Proprietary
Toxic, Corrosive, Water Reactive, Class 1	**Caustic Soda** CAS No 1310-73-2 Map: SA-3B Grid: 5 C Item 13	**Gallons** State Liquid Type Pure	**400** Storage Container Other Days on Site: 365	**400**	300 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
Corrosive, Toxic	**Chlorine Scavenger** CAS No 7631-90-5 Map: SA-3B Grid: 5 C Item 12	**Gallons** State Liquid Type Pure	**100** Storage Container Other Days on Site: 365	**100**	75 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				


North West Gate
East End Gate
KEY
Seville St. Driveway
50th St. Driveway
Assembly Area
℄ EAST 50th STREET
℄ SOTO ST


TRANSMISSION & DISTRIBUTION
TRANSMISSION & DISTRIBUTION
TRANSMISSION & DISTRIBUTION
TRANSMISSION & DISTRIBUTION
FREIGHT ELEVATOR
EXIT
BLOWER ROOM
BLOWER ROOM
BLOWER ROOM
BLOWER ROOM
BLOWER ROOM
OFFICE
OFFICE
EXIT
BAY
DIESEL GENERATOR
DIESEL GENERATOR
DIESEL GENERATOR
DIESEL GENERATOR
DIESEL GENERATOR
GONZALES #1
GONZALES #2
MACHINE SHOP AREA
Do Not Use During Earthquake
GENERATION
TRANSMISSION & DISTRIBUTION
WEST SWITCHGEAR ROOM
TRANSMISSION & DISTRIBUTION
GENERATION
CONTROL ROOM
EAST SWITCHGEAR ROOM
TRANSMISSION & DISTRIBUTION
EXIT
GENERATION
OFFICE
GENERATION
GENERATION
OFFICE
OFFICE
GENERATION
KITCHEN
LAV.
TRANSMISSION & DISTRIBUTION
GENERATION
TRANSMISSION & DISTRIBUTION
MEN'S LOCKER ROOM
EXIT
EXIT
FLOOR PLAN: FIRST FLOOR

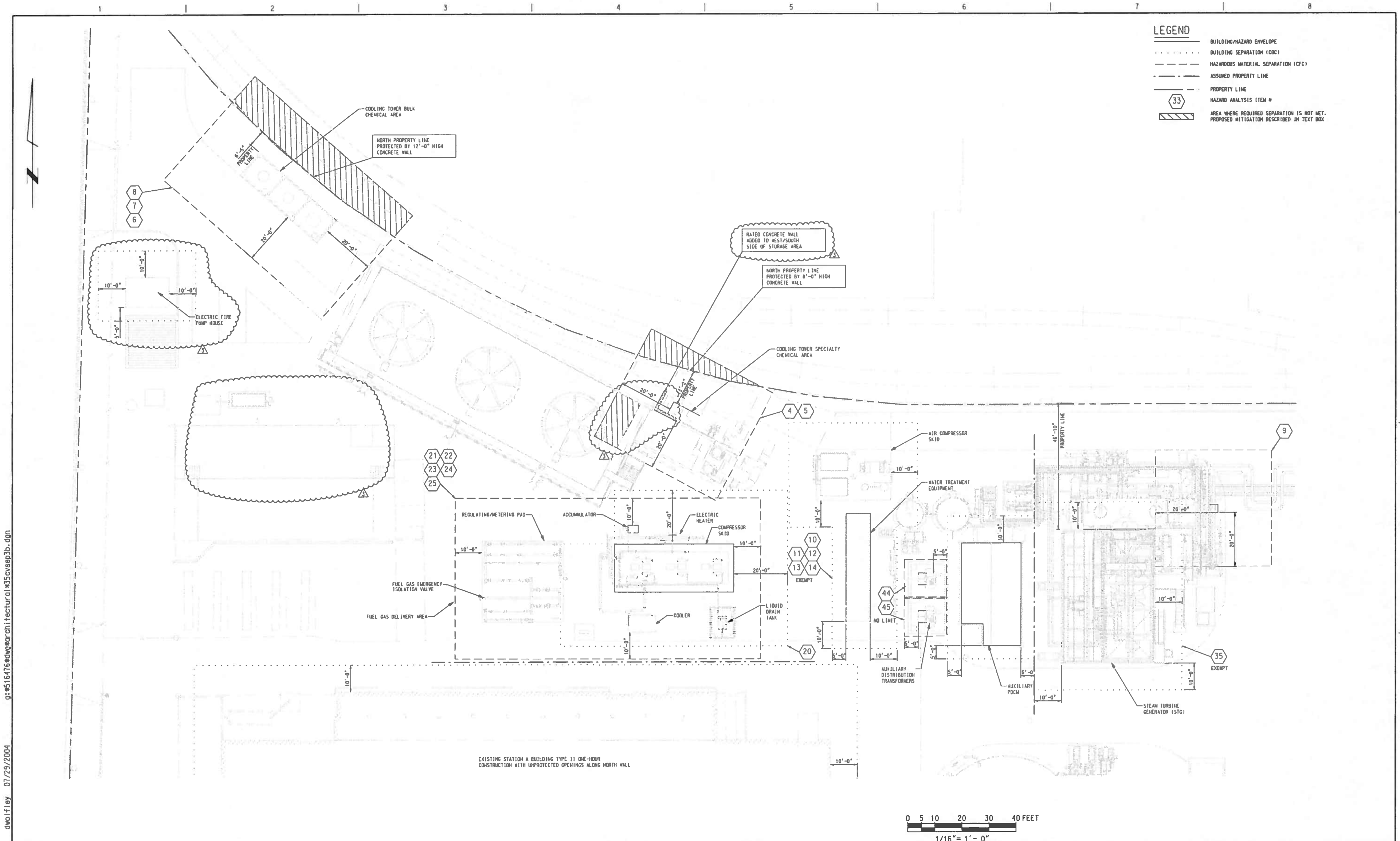


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FIGURE 4
HANDLING AND PROCESSING AREAS, MAP B

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
3	REVISED PER DCN 108	07/30/04	SDS	HSD	DEJ	TLK
2	REVISED PER DCN 090	04/09/04	SDS	HSD	DEJ	TLK
1	REVISED PER DCN 070	12/23/03	SDS	HSD	DEJ	TLK
0	ISSUED FOR CONSTRUCTION	10/14/03	SDS	HSD	DEJ	TLK

REFERENCE DRAWINGS

DSGN	SDS	09/24/03
DRN	DEJ	09/24/03
CKD	TLK	09/24/03
SCALE:	1/16"=1'-0"	

FOR 22x34 DWG ONLY

POWER
3940 GLENBROOK DRIVE HAILEY, ID 83333

CITY OF VERNON
MALBURG GENERATING STATION
SEPARATION ANALYSIS AREA B

JOB NUMBER 516476-04
DRAWING NO. SA-3B
REV 3

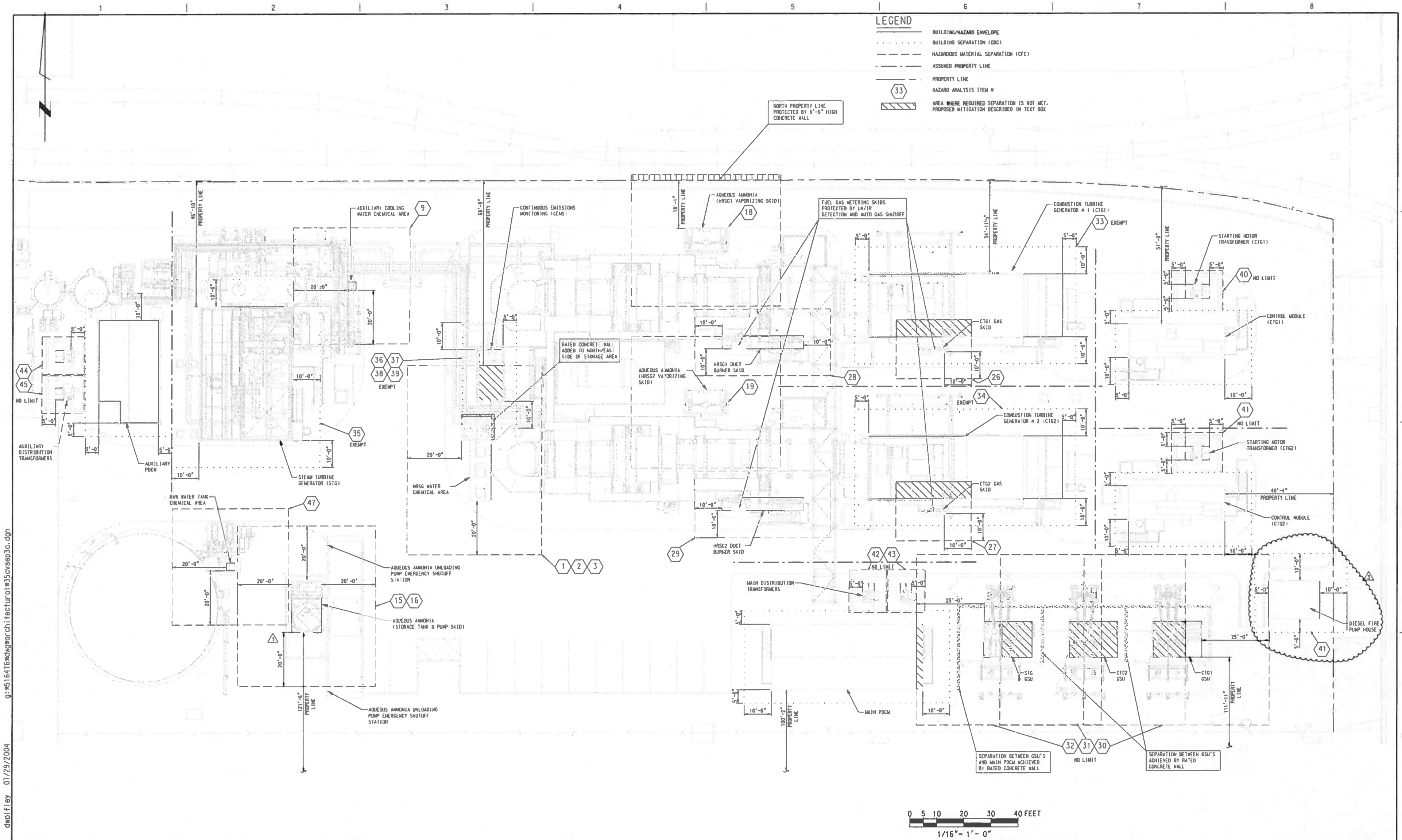

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FIGURE 3
HANDLING AND PROCESSING AREAS, MAP A

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
3	REVISED PER DCN 108	07/30/04	SDS	HSD	DEJ	TLK
2	REVISED PER DCN 090	04/09/04	SDS	HSD	DEJ	TLK
1	REVISED PER DCN 070	12/23/03	SDS	HSD	DEJ	TLK
0	ISSUED FOR CONSTRUCTION	10/14/03	SDS	HSD	DEJ	TLK

REFERENCE DRAWINGS

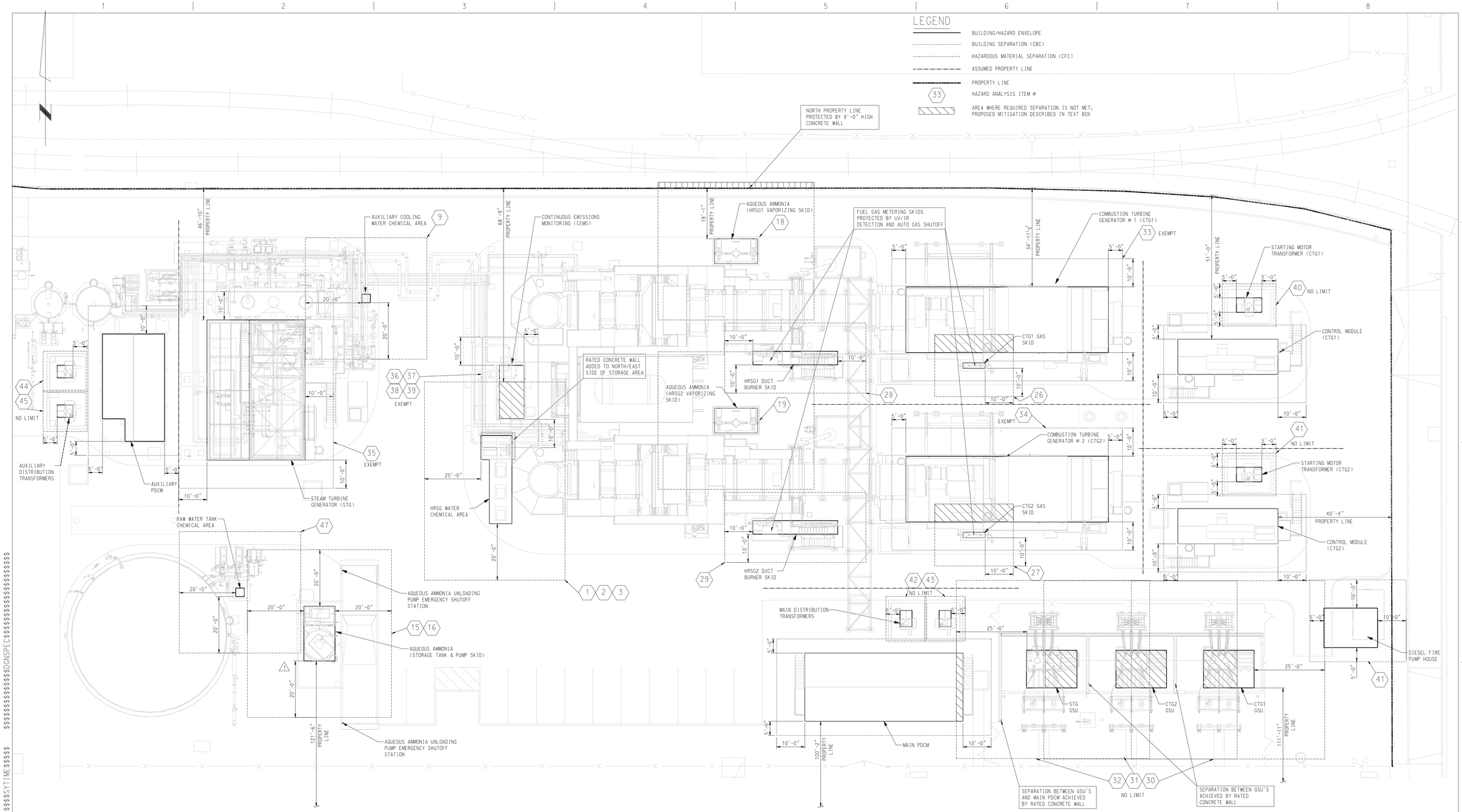
DSGN	SDS	09/24/03
DRN	DEJ	09/24/03
CKD	TLK	09/24/03
SCALE:	1/16"=1'-0"	

FOR 22x34 DWG ONLY

POWER ENGINEERS
3940 GLENBROOK DRIVE HAILEY, ID 83333

CITY OF VERNON
MALBURG GENERATING STATION
SEPARATION ANALYSIS AREA A

JOB NUMBER 516476-04
DRAWING NO. SA-3A
REV 3



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REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
4	ISSUED FOR RECORD	11/30/05	JET	HSD	DEJ	TLK
3	REVISED PER DCN 108	07/30/04	SDS	HSD	DEJ	TLK
2	REVISED PER DCN 090	04/09/04	SDS	HSD	DEJ	TLK
1	REVISED PER DCN 070	12/23/03	SDS	HSD	DEJ	TLK
0	ISSUED FOR CONSTRUCTION	10/14/03	SDS	HSD	DEJ	TLK

REFERENCE DRAWINGS

DSGN	SDS	09/24/03
DRN	DEJ	09/24/03
CKD	TLK	09/24/03

SCALE: 1/16"=1'-0"

FOR 22x34 DWG ONLY

POWER ENGINEERS
3940 GLENBROOK DRIVE
HAILEY, ID 83333

CITY OF VERNON

MALBURG GENERATING STATION

SEPARATION ANALYSIS
AREA A

JOB NUMBER
516476-04

DRAWING NO. SA-3A

REV 4

LEGEND

━━━	BUILDING/HAZARD ENVELOPE
······	BUILDING SEPARATION (CBC)
- - - -	HAZARDOUS MATERIAL SEPARATION (CFC)
-·—·—·—	ASSUMED PROPERTY LINE
━ ━ ━	PROPERTY LINE
33	HAZARD ANALYSIS ITEM #
▨	AREA WHERE REQUIRED SEPARATION IS NOT MET. PROPOSED MITIGATION DESCRIBED IN TEXT BOX

0 5 10 20 30 40 FEET
1/16"= 1'- 0"

USERNAME $$$$$$SYTIME$$$$$ $$$$$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$$$$$$

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REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
4	ISSUED FOR RECORD	11/30/05	SDS	HSD	DEJ	TLK
3	REVISED PER DCN 108	07/30/04	SDS	HSD	DEJ	TLK
2	REVISED PER DCN 090	04/09/04	SDS	HSD	DEJ	TLK
1	REVISED PER DCN 070	12/23/03	SDS	HSD	DEJ	TLK
0	ISSUED FOR CONSTRUCTION	10/14/03	SDS	HSD	DEJ	TLK

REFERENCE DRAWINGS

DSGN	SDS	09/24/03
DRN	DEJ	09/24/03
CKD	TLK	09/24/03

SCALE: 1/16"=1'-0"

FOR 22x34 DWG ONLY

POWER ENGINEERS
3940 GLENBROOK DRIVE
HAILEY, ID 83333

CITY OF VERNON

MALBURG GENERATING STATION

SEPARATION ANALYSIS
AREA B

JOB NUMBER
516476-04

DRAWING NO. SA-3B

REV 4

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID #	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
	10451263	7/17/2013

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
Malburg Generating Station

BUSINESS SITE ADDRESS 103.
4963 S Soto St

BUSINESS SITE CITY 104.		ZIP CODE 105.
Vernon	CA	90058

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Electric Power Generation	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS; ☒ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☐ 3. TELEPHONE;
☐ 4. PAGERS; ☒ 5. ALARM SYSTEM; ☒ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☒ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:		
	AMBULANCE, FIRE, POLICE AND CHP	9-1-1
	CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
	NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
	POISON CONTROL CENTER	(800) 222-1222
	LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(323) 583-8811 C3.
	OTHER (Specify): C4.	C5.
NEAREST MEDICAL FACILITY / HOSPITAL NAME:	Stacey Medical Center C6.	(323) 584-0779 C7.
AGENCY NOTIFICATION PHONE NUMBERS:	CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
	REGIONAL WATER QUALITY CONTROL BOARD	C8.
	U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
	CALIFORNIA DEPT OF FISH AND GAME (DFG)	(916) 358-2900
	U.S. COAST GUARD	(202) 267-2180
	CAL/OSHA	(916) 263-2800
	STATE FIRE MARSHAL	(916) 445-8200
	OTHER (Specify): C9.	C10.
	OTHER (Specify): C11.	C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☒ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☒ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☒ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☒ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (I.E., SHOUTING);
- ☒ 4. OTHER (Specify): Strobes

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Southwest corner of 50th and Seville. In the case of an ammonia tank rupture and wind blowing to the southwest, the assembly location moves to the Northwest corner of Seville and Leonis.

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☒ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2: Warehouse, Bulk Chemical	G3:
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4: Warehouse Safety Locker	G5:
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6:	G7:
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8: Warehouse Safety Locker, Lead Operators Office	G9:
	5. ☒ HARD HATS	G10: Warehouse	G11:
	6. ☐ CARTRIDGE RESPIRATORS	G12:	G13:
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14:	G15:
	8. ☒ FIRST AID KITS / STATIONS	G16: Control Room, Wall behind Control Room, Machine Shop and Center Office	G17:
	9. ☒ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18: Bulk Chemical, NH3 Skid, CEMS and Water Treatment Areas	G19:
	10. ☒ PORTABLE EYEWASH KITS	G20: Aux PDCM, Lab	G21:
	11. ☐ OTHER	G22:	G23:
	12. ☐ OTHER	G24:	G25:
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26:	G27:
	14. ☒ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28:	G29:
	15. ☒ FIRE ALARM BOXES OR STATIONS	G30:	G31:
	16. ☐ OTHER	G32:	G33:
Spill Control and Clean-Up	17. ☒ ALL-IN-ONE SPILL KIT	G34: Outside Both CTG's and STG, Main Accumulation Area	G35:
	18. ☒ ABSORBENT MATERIAL	G36: Spill Kits, Tool Crib, Warehouse Safety Cabinet	G37:
	19. ☒ CONTAINER FOR USED ABSORBENT	G38: Main Accumulation Area, Satellite Accumulation Area	G39:
	20. ☐ BERMING / DIKING EQUIPMENT	G40:	G41:
	21. ☐ BROOM	G42:	G43:
	22. ☐ SHOVEL	G44:	G45:
	23. ☐ SHOP VAC	G46:	G47:
	24. ☐ EXHAUST HOOD	G48:	G49:
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50:	G51:
	26. ☐ CHEMICAL NEUTRALIZERS	G52:	G53:
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54:	G55:
	28. ☐ SPILL OVERPACK DRUMS	G56:	G57:
	29. ☐ OTHER	G58:	G59:
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60:	G61:
	31. ☒ INTERCOM / PA SYSTEM	G62:	G63:
	32. ☒ PORTABLE RADIOS	G64:	G65:
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66:	G67:
Other	34. ☐ OTHER	G68:	G69:
	35. ☐ OTHER	G70:	G71:

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)		LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H1.	Main Accumulation Area near ammonia tank.	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)		LOCATIONS	
☒ 1. SHELVES, CABINETS AND RACKS	H6.	Warehouse	H7.
☐ 2. TANKS (EMERGENCY SHUTOFF)			H8.
☒ 3. PORTABLE GAS CYLINDERS		CEMS Building	H9.
☒ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☒ 1. FORMAL CLASSROOM; ☒ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): Procedures, Powerpoint Presentations I2.

☐ 5. OTHER (Specify): I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
[signature]	30 July 2013
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.
DANIEL DUNLAP	SENIOR DIRECTOR, REGULATORY AFFAIRS

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID #	1. CERS ID	A1. DATE OF PLAN PREPARATION/REVISION A2.
	10451263	7/29/2015

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
Malburg Generating Station

BUSINESS SITE ADDRESS 103.
4963 S Soto St

BUSINESS SITE CITY 104.		ZIP CODE 105.
Vernon	CA	90058

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Electric Power Generation	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☒ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☒ 5. ALARM SYSTEM;	☒ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☒ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:		
	AMBULANCE, FIRE, POLICE AND CHP	9-1-1
	CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
	NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
	POISON CONTROL CENTER	(800) 222-1222
	LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA)	(323) 583-8811 C3.
	OTHER (Specify): C4.	C5.
NEAREST MEDICAL FACILITY / HOSPITAL NAME:	Stacey Medical Center C6.	(323) 584-0779 C7.
AGENCY NOTIFICATION PHONE NUMBERS:	CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
	REGIONAL WATER QUALITY CONTROL BOARD	C8.
	U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
	CALIFORNIA DEPT OF FISH AND GAME (DFG)	(916) 358-2900
	U.S. COAST GUARD	(202) 267-2180
	CAL/OSHA	(916) 263-2800
	STATE FIRE MARSHAL	(916) 445-8200
	OTHER (Specify): C9.	C10.
	OTHER (Specify): C11.	C12.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☒ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☒ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☒ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☒ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☒ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☒ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☒ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☒ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☒ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify): D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☒ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (I.E., SHOUTING);
- ☒ 4. OTHER (Specify): Strobes

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Southwest corner of 50th and Seville. In the case of ammonia tank rupture and wind blowing to the southwest, the assembly location moves to the northwest corner of Seville and Leonis.

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☒ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify): F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☒ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2. Warehouse, Bulk Chemical	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. Warehouse Safety Locker	G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☒ SAFETY GLASSES / GOGGLES / SHIELDS	G8. Warehouse Safety Locker	G9.
	5. ☒ HARD HATS	G10. Warehouse	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☒ FIRST AID KITS / STATIONS	G16. Control Room, West behind Control Room, Machine Shop, Center Office Tr	G17.
	9. ☒ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18. Bulk Chemical, NH3 Skid, CEMS, Water Treatment Area	G19.
	10. ☐ PORTABLE EYEWASH KITS	G20.	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26.	G27.
	14. ☒ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☒ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☒ ALL-IN-ONE SPILL KIT	G34. Outside both CTG's and STG, Main Accumulation Area	G35.
	18. ☒ ABSORBENT MATERIAL	G36. Spill Kits, Tool Crib, Warehouse Safety Cabinet	G37.
	19. ☒ CONTAINER FOR USED ABSORBENT	G38. Main Accumulation Area, Satellite Accumulation Area	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☐ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	G61.
	31. ☒ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☒ PORTABLE RADIOS	G64.	G65.
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply)		LOCATIONS (e.g., shop, outdoor shed, forensic lab)	
☒ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H1.	Main Accumulation Area near Ammonia Tank	H2.
☐ 2. PROCESS LINES / PIPING			H3.
☐ 3. LABORATORY			H4.
☐ 4. WASTE TREATMENT AREA			H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply)		LOCATIONS	
☒ 1. SHELVES, CABINETS AND RACKS	H6.	Warehouse	H7.
☐ 2. TANKS (EMERGENCY SHUTOFF)			H8.
☒ 3. PORTABLE GAS CYLINDERS		CEMS Building	H9.
☒ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES			H10.
☐ 5. SPRINKLER SYSTEMS			H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)			H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☒ 1. FORMAL CLASSROOM; ☒ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☒ 4. STUDY GUIDES / MANUALS (Specify): Procedures, Powerpoint Presentations I2.

☐ 5. OTHER (Specify): I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☒ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR		DATE SIGNED	K1.
		7/30/2015	
NAME OF SIGNER (print)	K2.	TITLE OF SIGNER	K3.
Matt Richards		Plant Manager	

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

FACILITY ID # A1.	CERS ID # A2.	DATE OF PLAN PREPARATION/REVISION (MM/DD/YYYY) A3.
	10451263	07/26/2019

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* A4.
Malburg Generating Station

BUSINESS SITE ADDRESS A5.
4963 S Soto St

BUSINESS SITE CITY A6.		ZIP CODE A7.
Vernon	CA	90058

TYPE OF BUSINESS (e.g., Painting Contractor) A8.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A9.
Electric Power Generation	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING (Check all that apply): A10.

☒ 1. HAZARDOUS MATERIALS; ☒ 2. HAZARDOUS WASTES

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR BY (Check all that apply): B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (e.g., 9-1-1)
☒ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

In the event of an emergency involving hazardous materials and/or hazardous waste, all facilities must IMMEDIATELY:
1. Notify facility personnel and evacuate if necessary in accordance with the Emergency Action Plan (Title 8 California Code of Regulations §3220);
2. Notify local emergency responders by calling 9-1-1;
3. Notify the local Unified Program Agency (UPA) at the phone number below; and
4. Notify the State Warning Center at (800) 852-7550.

Facilities that generate, treat, store or dispose of hazardous waste have additional responsibilities to notify and coordinate with other response agencies. Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator must follow the appropriate requirements for the category of facility and type of release involved:
1. Title 22 California Code of Regulations §66265.56. Emergency Procedures for generators of 1,000 kilograms or more of hazardous waste in any calendar month.
2. Title 22 California Code of Regulations §66265.196. Response to Leaks or Spills and Disposition of Leaking or Unfit-for-Use Tank Systems.
3. Title 40 Code of Federal Regulations §302.6. Notification requirements for a release of a hazardous substance equal to or greater than the reportable quantity.
4. Title 22 California Code of Regulations §66262.34(d)(2) and Title 40 Code of Federal Regulations §262.34(d)(5)(ii) for generators of less than 1000 kilograms of hazardous waste in any calendar month.

Following notification and before facility operations are resumed in areas of the facility affected by the incident, the Emergency Coordinator shall notify the local UPA and the local fire department's hazardous materials program, if necessary, that the facility is in compliance with requirements to:
1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

EMERGENCY RESPONSE PHONE NUMBERS:		
	AMBULANCE, FIRE, POLICE AND CHP	9-1-1
	CALIFORNIA STATE WARNING CENTER (CSWC)/CAL OES.	(800) 852-7550
	NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
	POISON CONTROL CENTER	(800) 222-1222
	LOCAL UNIFIED PROGRAM AGENCY (UPA)	C1.
	OTHER (Specify): C2. Stacey Medical Center	(323) 583-8811 C3.
NEAREST MEDICAL FACILITY / HOSPITAL NAME: C4.		C5.

AGENCY NOTIFICATION PHONE NUMBERS:		
	CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
	REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).	C6.
	U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
	CALIFORNIA DEPT. OF FISH AND WILDLIFE (CDFW)	(916) 358-2900
	U.S. COAST GUARD (USCG)	(202) 267-2180
	CAL OSHA	(916) 263-2800
	CAL FIRE OFFICE OF THE STATE FIRE MARSHAL (OSFM)	(916) 323-7390
	OTHER (Specify): C7.	C8.
	OTHER (Specify): C9.	C10.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR BY (Check all that apply): C11.

☐ 1. VERBAL WARNINGS; ☑ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☐ 3. TELEPHONE;
☐ 4. PAGERS; ☑ 5. ALARM SYSTEM; ☑ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY (Check all that apply): C12.

☑ 1. VERBAL WARNINGS; ☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM; ☑ 3. TELEPHONE;
☐ 4. PAGERS; ☐ 5. ALARM SYSTEM; ☐ 6. PORTABLE RADIO

EMERGENCY COORDINATOR CONTACT INFORMATION: C13.

PRIMARY EMERGENCY COORDINATOR NAME: PHONE NO.: PHONE NO.:

ALTERNATE EMERGENCY COORDINATOR NAME: PHONE NO.: PHONE NO.:

☐ Check if additional Emergency Coordinator contact and address information is available onsite or by calling PHONE NO.:

Note: If more than one alternate emergency coordinator is designated, attach a list in order of responsibility.

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

Check the applicable boxes to indicate your facility's procedures for containing spills and preventing and mitigating releases, fires and/or explosions.

D1.

☑ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
☑ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls, built-in berms);
☑ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, spill pigs, spill pillows);
☑ 4. COVER OR BLOCK FLOOR AND/OR STORM DRAINS;
☑ 5. LINED TRENCH DRAINS AND/OR SUMPS;
☑ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
☑ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS;
☑ 8. STOP PROCESSES AND/OR OPERATIONS;
☑ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
☑ 10. SHUT OFF WATER, GAS, ELECTRICAL UTILITIES;
☑ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE AND/OR MEDICAL AID;
☑ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AND/OR IMPACTED AREAS;
☑ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION;
☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE EMERGENCY RESPONSE TEAM;
☑ 15. REMOVE CONTAINERS AND/OR ISOLATE AREAS;
☑ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
☑ 17. USE ABSORBENT MATERIAL FOR SPILL CONTAINMENT;
☐ 18. VACUUM SUCTION USING APPROPRIATE VACUUM (e.g., Intrinsically safe) FOR SPILL CONTROL AND/OR CLEANUP;
☐ 19. DECONTAMINATE PERSONNEL AND EQUIPMENT WITHIN DESIGNATED AREA AND DISPOSE OF WASTEWATER AS HAZARDOUS WASTE;
☑ 20. PROVIDE SAFE TEMPORARY STORAGE OF HAZARDOUS WASTE GENERATED DURING EMERGENCY ACTIONS;
☐ 21. OTHER (Specify): D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (Check all that apply): E1.

☐ 1. BELLS; E2.
☑ 2. HORNS/SIRENS;
☑ 3. VERBAL (i.e., Shouting);
☑ 4. OTHER (Specify): Strobes

THE FOLLOWING LOCATION(S) WILL BE USED FOR AN EMERGENCY ASSEMBLY AREA(S) (e.g., Parking lot, street corner): E3.

Note: The Emergency Coordinator must account for all onsite employees and visitors after evacuation.

EVACUATION ROUTE S AND ALTERNATE EVACUATION ROUTES ARE DESCRIBED AS FOLLOWS: E4.

☑ 1. WRITTEN PROCEDURES DESCRIBING ROUTES, EXITS, AND ASSEMBLY AREAS;
☑ 2. EVACUATION MAP(S) DEPICTING ROUTES, EXITS, AND ASSEMBLY AREAS;
☐ 3. OTHER (Specify): E5.

Note: Evacuation procedures and/or maps should be posted in visible facility locations and must be included in the Contingency Plan.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following): F1.

☑ 1. HAVE BEEN DETERMINED NOT NECESSARY;
☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify): F2.

Note: Advance arrangements with local fire and police departments, hospitals, state and local emergency response teams, and/or emergency services contractors should be made for your facility, if necessary. Large Quantity Generators must describe arrangements in the Contingency Plan.

G. EMERGENCY EQUIPMENT

Check the applicable boxes to list emergency response equipment available at the facility, identify the location(s) where the equipment is kept, and indicate the equipment's capability, if applicable.

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION G2.	CAPABILITY G3.
EXAMPLE	☒ *CHEMICAL PROTECTIVE GLOVES*	*SPILL RESPONSE KIT*	*SINGLE USE, OIL RESISTANT ONLY*
Safety and First Aid	1. ☒ CHEMICAL PROTECTIVE SUITS, APRONS, AND/OR VESTS	Warehouse, Bulk Chemical	
	2. ☒ CHEMICAL PROTECTIVE GLOVES	Warehouse safety Locker	
	3. ☐ CHEMICAL PROTECTIVE BOOTS		
	4. ☒ SAFETY GLASSES, GOGGLES, AND FACE SHIELDS	Warehouse Safety Locker	
	5. ☒ HARD HATS	Warehouse	
	6. ☐ AIR-PURIFYING RESPIRATORS		
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)		
	8. ☒ FIRST AID KITS	Control Room,Machine Shop, Lab	
	9. ☒ PLUMBED EYEWASH FOUNTAIN AND/OR SHOWER	Bulk Chemical, NH3 skid, CEMS, Wat	
	10. ☒ PORTABLE EYEWASH KITS AND/OR STATION	Middle office of Trailer	
	11. ☐ OTHER		
Fire Fighting	12. ☒ PORTABLE FIRE EXTINGUISHERS		
	13. ☒ FIXED FIRE SUPPRESSION SYSTEMS AND/ OR SPRINKLERS		
	14. ☒ FIRE ALARM BOXES		
	15. ☐ OTHER		
Spill Control and Clean-Up	16. ☒ ALL-IN-ONE SPILL KIT		
	17. ☒ ABSORBENT MATERIAL		
	18. ☒ CONTAINER FOR USED ABSORBENT		
	19. ☐ BERM AND/OR DIKING EQUIPMENT		
	20. ☐ BROOM		
	21. ☐ SHOVEL		
	22. ☐ VACUUM		
	23. ☐ EXHAUST HOOD		
	24. ☐ SUMP AND/OR HOLDING TANK		
	25. ☐ CHEMICAL NEUTRALIZERS		
	26. ☐ GAS CYLINDER LEAK REPAIR KIT		
	27. ☐ SPILL OVERPACK DRUMS		
	28. ☐ OTHER		
Communi-cations and Alarm Systems	29. ☒ TELEPHONES (e.g., Cellular)		
	30. ☒ INTERCOM AND/OR PA SYSTEM		
	31. ☒ PORTABLE RADIOS		
	32. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT		
Other	33. ☐ OTHER		
	34. ☐ OTHER		

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases due to seismic motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS (Check all that apply): H1.

- [x] 1. HAZARDOUS MATERIALS AND/OR WASTE STORAGE AREAS
- [ ] 2. PROCESS LINES AND PIPING
- [ ] 3. LABORATORY
- [ ] 4. WASTE TREATMENT AREA

LOCATIONS (e.g., Shop, outdoor shed, lab): H2.

Main accumulation area near Ammonia Tank

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS AND/OR EQUIPMENT (Check all that apply): H3.

- [x] 1. SHELVES, CABINETS AND/OR RACKS
- [ ] 2. TANKS AND SHUT-OFF VALVES
- [x] 3. PORTABLE GAS CYLINDERS
- [x] 4. EMERGENCY SHUT-OFF AND/OR UTILITY VALVES
- [ ] 5. SPRINKLER SYSTEMS
- [ ] 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane tank)

LOCATIONS: H4.

Warehouse

CEMS Building

I. EMPLOYEE TRAINING

Employee training is required for all employees and/or contractors handling hazardous materials and/or hazardous wastes during normal and/or emergency operations. Most facilities will need to submit a separate Training Plan. However, your CUPA may accept this section as the Training Plan for some small facilities.
Employee training plans may include the following content:

- Applicable laws and regulations;
- Emergency response plans and procedures;
- Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Hazards of materials and processes (e.g., fire, explosion, asphyxiation);
- Hazard mitigation, prevention and abatement procedures;
- Coordination of emergency response actions;
- Notification procedures for local emergency responders, CUPA, Cal OES, and onsite personnel;
- Communication and alarm systems;
- Personal protective equipment;
- Use and maintenance of emergency response equipment and supplies (e.g. Fire extinguishers, respirators, spill control materials);
- Decontamination procedures;
- Evacuation procedures and evacuation staging locations;
- Identification of facility areas, equipment, and systems vulnerable to earthquakes and other natural disasters.
- OTHER (Specify):

Check the applicable boxes below to indicate how the employee training program is administered.

- [x] 1. FORMAL CLASSROOM
- [x] 2. VIDEOS
- [x] 3. SAFETY MEETINGS
- [x] 4. STUDY GUIDES / MANUALS

I1.

- [ ] 5. OTHER (Specify): I2.
- [ ] 6. NOT APPLICABLE SINCE FACILITY HAS NO EMPLOYEES
- [ ] 7. CHECK IF A SEPARATE EMPLOYEE TRAINING PLAN IS USED AND UPLOADED TO CERS AS A PDF DOCUMENT I3.
- [ ] 8. CHECK IF EMPLOYEE TRAINING IS COVERED BY THE ABOVE REFERENCED CONTENT AND OTHER DOCUMENTS ONSITE I4.

EMPLOYEE TRAINING FREQUENCY AND RECORDKEEPING TRAINING MUST BE:

- Provided initially for new employees as soon as possible following the date of hire. New employees should not work in an unsupervised position that involves hazardous materials handling and/or hazardous waste management without proper training;
- Provided within six months from the date of hire for new employees at a large quantity generator;
- Ongoing and provided at least annually;
- Amended prior to a change in process or work assignment;
- Given upon modification to the Emergency Response/Contingency Plan.

Large Quantity Generator Training: Large quantity generators (1,000 kg or more) must retain written plan and documentation of employee training which includes:

- A written description of the type and amount of both initial and ongoing training that will be given to persons filling each job position having responsibility for hazardous waste management and/or emergency response.
- The name, job title and job description for each position at the facility related to hazardous waste management.
- Current employee training records must be retained until closure of the facility and former employee training records must be retained for at least three years after termination of employment.

Small Quantity Generator Training: Small quantity generators (less than 1,000 kg) must include basic hazardous waste management and emergency response procedures but a written employee training plan and training records are not required. In order to show that the facility has met the small quantity generator employee training requirement, an employee training plan and training records may be made available.

Hazardous Materials Business Plan Training: Businesses must provide initial and annual employee training that includes the content referenced above. The training may be based on the job position and training records must be made available for a period of at least three years.

J. LIST OF ATTACHMENTS

Check one of the following: J1.

- [x] 1. NO ATTACHMENTS ARE REQUIRED; or
- [ ] 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

California Environmental Reporting System (CERS)

Aboveground Petroleum Storage Act - Facility Information Report

Facility/Site

Malburg Generating Station
4963 S Soto St
Vernon, CA 90058

CERS ID
10451263

CAL000333289

Submittal Status

Submitted on 7/30/2019 by *Thomas Barnhart* of Malburg Generating Station (Vernon, CA)

APSA Facility Information

Conditionally Exempt APSA Tank Facility
Y

Date Of SPCC Plan Certification or Date of 5-Year Review

Total Aboveground Storage Capacity of Petroleum

Number of Tanks in Underground Area(s)