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**PIO PICO ENERGY CENTER  
11-AFC-01C**

**ANNUAL COMPLIANCE REPORT –  
NUMBER 3**

**Report Period: November 1, 2018 –  
October 31, 2019**

prepared by:

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November 26, 2019

**TABLE OF CONTENTS**

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
1.0 COMPLIANCE MATRIX.....	3
2.0 CURRENT PROJECT OPERATING STATUS.....	3
3.0 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT.....	3
3.1 BIOLOGICAL RESOURCES.....	3
3.2 HAZARDOUS MATERIALS .....	3
3.3 WASTE MANAGEMENT.....	3
3.4 SOIL AND WATER RESOURCES.....	4
3.4.1 SOIL&WATER-4: County Stormwater Management Plan .....	4
3.4.2 SOIL&WATER-5: Potable Water Use .....	4
3.4.3 SOIL&WATER-6: Water Metering .....	4
3.4.4 SOIL&WATER-7: Recycled Water Use.....	4
3.4.5 SOIL&WATER-9: Wastewater Disposal.....	4
3.5 TRANSMISSION LINE SAFETY AND NUISANCE .....	5
3.6 TRAFFIC AND TRANSPORTATION.....	5
3.7 VISUAL RESOURCES.....	5
3.7.1 VIS-1: Surface Treatment Maintenance.....	5
3.7.2 VIS-2: Landscape Maintenance.....	6
4.0 POST-CERTIFICATION CHANGES .....	6
5.0 DELINQUENT SUBMITTALS .....	6
6.0 FILINGS SUBMITTED TO AND PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES.....	6
7.0 UPCOMING COMPLIANCE ACTIVITIES .....	8
8.0 LISTING OF THE YEARS'S ADDITIONS TO THE COMPLIANCE FILE .....	9
9.0 UPDATES TO FACILITY CLOSURE PLANS.....	9
10.0 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS .....	9

## List of Attachments

- Attachment 1: CEC Compliance Matrix
- Attachment 2: List of Hazardous Materials
- Attachment 3: Waste Management
- Attachment 4: Stormwater Management
- Attachment 5: Potable Water Use
- Attachment 6: Water Metering
- Attachment 7: Wastewater Disposal
- Attachment 8: Transmission Line Safety and Nuisance
- Attachment 9: Traffic and Transportation
- Attachment 10: Surface Treatment Maintenance
- Attachment 11: Landscape Maintenance



## **1.0 COMPLIANCE MATRIX**

An updated copy of the California Energy Commission (CEC) Compliance Matrix is included with this report in Attachment 1, per condition of certification COMPLIANCE-5. As requested, fully satisfied conditions of certification (COCs) are not included in the matrix after they have been reported complete.

## **2.0 CURRENT PROJECT OPERATING STATUS**

The Pio Pico Energy Center (PPEC) began commercial operation on November 3, 2016. PPEC is operating normally and there were no significant changes to the facility operations during the reporting period.

## **3.0 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT**

This Section describes all of the condition-specific documents required to be submitted along with this Annual Compliance Report (ACR).

### **3.1 Biological Resources**

Per BIO-2, if actions may affect biological resources during operation a Designated Biologist shall be available for monitoring and reporting. CEC approved Designated Biologist, Jodi Borrego, was available for monitoring and reporting during the reporting period. There were no issues of concern pertaining to biological resources during this reporting year.

Per BIO-5, all new onsite employees during this reporting year were WEAP trained and signed statements for operational personnel were added to the onsite project files.

### **3.2 Hazardous Materials**

Per HAZ-1, the project owner shall provide a list of hazardous materials contained at the facility in the ACR. Attachment 2 contains the current list of hazardous materials used and stored at PPEC.

In accordance with the HAZ-7 ACR requirement, Pio Pico Energy Center, LLC confirms that all current project employee and appropriate contractor background investigations have been performed and that updated certification statements have been appended to the on-site Operations Security Plan. Additionally, Pio Pico Energy Center, LLC updated their Operations Security Plan to reflect all current hazardous materials transport vendor certifications for security plans and employee background investigations.

### **3.3 Waste Management**

Waste management practices identified in the Operational Waste Management Plan were implemented by PPEC for the reporting year per WASTE-6. Attachment 3 contains a summary of the volumes of hazardous and non-hazardous waste generated by PPEC, as well as copies of the waste manifests. PPEC continues to maintain a Small Quantity Generator status with a monthly threshold of 1,000 kilograms (kg) [2,204.6 pounds (lbs)] of hazardous waste generated in any given month. The total volume of hazardous waste generated by PPEC was 2,229 kg (4,914 lbs) over a

period of 12 months, with an average monthly accumulation of 156 kg (409.5 lbs). Waste management practices identified in the Operation Waste Management Plan do not require revision.

### **3.4 Soil and Water Resources**

#### **3.4.1 SOIL&WATER-4: County Stormwater Management Plan**

Per SOIL&WATER-4, the project owner shall submit all copies of any relevant correspondence between the project owner and the County regarding stormwater management in the ACR. Attachment 4 contains the PPEC Major Stormwater Management Plan Source Control Inspection Forms, County Stormwater Inspection Forms, and PPEC Stormwater Treatment Control BMP Semi-Annual Inspection Forms for the reporting period.

#### **3.4.2 SOIL&WATER-5: Potable Water Use**

Per SOIL&WATER-5, the project owner shall submit a water use summary report in the ACR for the life of the project operation. The annual summary report shall include calculated monthly range, monthly average, daily maximum within each month and annual use by the project in both gallons per minute and acre-feet. After the first year and for subsequent years, this information shall also include the yearly range and yearly average recycled and potable water used by the project. Attachment 5 contains the Annual Water Use Summary Report as required by SOIL&WATER-5.

#### **3.4.3 SOIL&WATER-6: Water Metering**

Per SOIL&WATER-6, the project owner shall provide a report on the servicing, testing, and calibration of the metering devices in the ACR. The PPEC water metering devices are owned, operated and maintained by the Otay Water District (OWD). OWD performs calibration of metering devices based on the following annual consumption:

- 10,000 or more units test yearly;
- 5,000 – 9,999 units test bi-annually; and
- 4,999 or less units test every 3 years.

PPEC used 7,706.81 units during the reporting period (from November 1, 2018 through October 31, 2019). Attachment 6, Water Metering Summary Report, contains the meter annual calibration and performance test that was performed by OWD on March 7, 2019.

#### **3.4.4 SOIL&WATER-7: Recycled Water Use**

Recycled water service is not currently available at PPEC. If recycled water becomes available in the future, annual reporting requirements per condition of certification SOIL&WATER-7 will be included in this section.

#### **3.4.5 SOIL&WATER-9: Wastewater Disposal**

PPEC has continued to remain in compliance with its Industrial User Discharge Permit issued by the City of San Diego. Per SOIL&WATER-9, the project owner shall submit any water quality

monitoring required by the City of San Diego in the ACR. Attachment 7 contains all water quality monitoring reports submitted to the City of San Diego for the reporting period.

Per SOIL&WATER-9, the project owner shall also submit any notice of violations from the City of San Diego to the CPM within 10 days of receipt and fully explain the corrective actions taken in the ACR. No violations occurred during this reporting period.

Additionally, per SOIL&WATER-9, the project owner shall submit an industrial wastewater discharge summary report in the ACR for the life of the project operation. Attachment 7 includes the wastewater discharge summary report for PPEC for the reporting period. Please note that although SOIL&WATER-9 verification states “The summary report shall include the average Total Dissolved Solids (TDS) concentration, monthly range, monthly average, daily maximum within each month, and annual discharge by the project,” the measurement of TDS is not required by the Industrial User Discharge Permit. Rather, the permit requires measurements to be taken for Chemical Oxygen Demand, Total Suspended Solids (TSS) and pH-Instantaneous. Per the permit, “Representative wastewater samples are to be collected from the valve on the effluent line from the Final Wastewater Treatment Collection Tank during sludge transfer to a tanker truck for hauling and discharge at Metro Pump Station #1 in compliance with the Trucked Industrial Generator Permit #25-0379.” The permit also identifies the sampling frequency requirements for Chemical Oxygen Demand, TSS and pH-Instantaneous. Chemical Oxygen Demand and TSS measurements are to be performed monthly (if discharged monthly), and pH-Instantaneous measurements are to be performed quarterly.

### **3.5 Transmission Line Safety and Nuisance**

Per TLSN-3, during the first five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way of each line and provide such summaries in the Annual Compliance Report. Attachment 8 contains the quarterly inspection reports for this reporting year.

### **3.6 Traffic and Transportation**

Per TRANS-5, the project owner shall contract with licensed hazardous material delivery and waste hauler companies in order to obtain the necessary permits and/or licenses from the California Highway Patrol, Caltrans District 11, and any relevant local jurisdictions for the transportation of hazardous materials. Copies of all permits/licenses obtained for the transportation of hazardous substances during the reporting year are included in Attachment 9.

### **3.7 Visual Resources**

#### **3.7.1 VIS-1: Surface Treatment Maintenance**

Per VIS-1, the project owner shall provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a) the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year. The Surface Treatment Maintenance Report is included in Attachment 10 of this ACR.

### **3.7.2 VIS-2: Landscape Maintenance**

Per VIS-2, the project owner shall report landscape maintenance activities, including replacement of dead or dying vegetation, for the previous year of operation in each ACR. Attachment 11 of this ACR includes the landscape inspection reports for this reporting year.

## **4.0 POST-CERTIFICATION CHANGES**

This Section provides a cumulative listing of all post-certification changes approved by the Energy Commission or cleared by the CPM.

The project has a total of two CEC-approved post-certification changes. These changes include the following:

1. Petition to Amend – Hourly Heat Input Increase, July 2014. CEC approved February 17, 2016.
2. Petition to Amend – Wastewater Storage Modifications, July 2015. CEC approved January 25, 2016.

There were no post-certification changes to the project during this reporting period:

## **5.0 DELINQUENT SUBMITTALS**

This section provides an explanation for any submittal deadlines that were missed, accompanied by an estimate of when the information will be provided.

There were no submittal missed deadlines during the reporting period.

## **6.0 FILINGS SUBMITTED TO AND PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES**

Below is a list of filings submitted to other governmental agencies during the reporting year.

### **U.S. EPA and San Diego County Air Pollution Control District**

- SDAPCD Quarterly CEMS Downtime and Excess Emissions Reports
  - 4<sup>th</sup> Quarter, 2018, submitted 1/28/2019
  - 1<sup>st</sup> Quarter, 2019, submitted 4/26/2019
  - 2<sup>nd</sup> Quarter, 2019, submitted 7/18/2019
  - 3<sup>rd</sup> Quarter, 2019, submitted 10/10/2019
- CEC Quarterly Operations Reports
  - 4<sup>th</sup> Quarter, 2018, submitted 1/28/2019
  - 1<sup>st</sup> Quarter, 2019, submitted 4/26/2019
  - 2<sup>nd</sup> Quarter, 2019, submitted 7/19/2019
  - 3<sup>rd</sup> Quarter, 2019, submitted 10/10/2019
- NSPS Semi-Annual NO<sub>x</sub> Excess Emission and Monitoring System Performance Reports, submitted 1/28/2019 and 7/18/2019
- SDAPCD CEMS RATA and Renewal Source Test Reports, submitted 01/31/2019
- Annual Green House Gas Report to the EPA, submitted 3/5/2019

- Annual Green House Gas Report to the CARB, submitted 4/9/2019. Re-submitted to CARB to correct an issue identified during 3<sup>rd</sup> party verification 7/02/2019
- CARB Green House Gas Sulfur Hexafluoride (SF6) Report, submitted 5/23/2019
- Annual Green House Gas Independent Verification, submitted 7/8/2019
- EPA Quarterly Acid Rain Electronic Reporting
  - 4<sup>th</sup> Quarter, 2018, submitted 1/28/2019
  - 1<sup>st</sup> Quarter, 2019, submitted 4/19/2019
  - 2<sup>nd</sup> Quarter, 2019, submitted 7/18/2019
  - 3<sup>rd</sup> Quarter, 2019, submitted 10/9/2019
- EPA ID Numbers Verification Questionnaire and Fee Schedule submitted 8/13/2019.
- SDAPCD Hearing Board Petition for Temporary Variance for Tuning Activities
  - Final Variance Report submitted to ACPD 1/18/19
- Comments on draft conditions to SDAPCD related to application APCD2018-APP-005536, submitted as follows:
  - Comments on 1<sup>st</sup> set of draft conditions – 3/26/2019
  - Comments on 2<sup>nd</sup> set of draft conditions – 6/24/2019
  - Comments on 3<sup>rd</sup> set of draft conditions – 7/31/2019
- NSR Analysis to demonstrate tuning operations in application APCD2018-APP-00536 would not meet the definition of a major modification if San Diego County is designated serious non-attainment for ozone:
  - First version – 8/23/2019
  - Second version – 9/27/2019
- Extensions to SDAPCD for processing Application APCD2018-APP-005536 for modification to the Startup Authorization Permit, submitted as follows:
  - 90-day extension – 3/22/2019
  - 70-day extension – 6/24/2019
  - 60-day extension – 8/30/2019
  - 90-day extension – 10/31/2019
- EPA Part 75 Electronic Monitoring Plan

### **City of San Diego Industrial Wastewater Control Program**

- Wastewater Self-Monitoring Reports
  - Submitted 12/3/2018
  - Submitted 1/3/2019
  - Submitted 2/1/2019
  - Submitted 3/1/2019
  - Submitted 4/1/2019
  - Submitted 5/2/2019
  - Submitted 6/3/2019
  - Submitted 7/1/2019
  - Submitted 8/5/2019
  - Submitted 9/3/2019
  - Submitted 10/1/2019
  - Submitted 11/1/2019

### **San Diego County Department of Environmental Health**

- CERS Elements including but not limited to: Facility Information, Hazardous Materials Inventory, Emergency Response and Training Plans, Aboveground Petroleum Storage Act,
  - Revision submitted 3/01/2019
  - Revision submitted 10/29/2019

### **Other Plans**

- *No other plans were submitted this reporting period*

Below is a list of permits issued by other governmental agencies during the reporting year.

- SDAPCD Start-up Authorization Extensions (issued 2/1/2019 and 8/1/2019)
- City of San Diego Trucked Industrial Waste Generator Permit Renewal (effective 8/1/2019 to 8/1/2020)
- County of San Diego Department of Environmental Health Unified Program Facility Permit (permit valid 1/1/2019 to 12/31/2019)

## **7.0 UPCOMING COMPLIANCE ACTIVITIES**

During the next reporting period, Pio Pico Energy Center, LLC intends to continue reporting on the standard required compliance items, including but not limited to:

- SDAPCD Quarterly CEMS Downtime and Excess Emissions Report
- SDAPCD/CEC Semi-Annual NSPS Excess Emission and Monitoring System Performance Report (Subpart KKKK)
- SDAPCD Annual Source Test Protocol Covering Compliance and RATA
- SDAPCD/CEC Annual Source Test Renewal and RATA Reports
- CEC Quarterly Sulfur Analysis
- CEC Quarterly Operations Report
- EPA Quarterly Emission Data Reports
- EPA Annual Green House Gas Report
- EPA ID Annual Verification Questionnaire and Manifest Fee
- CARB Annual Green House Gas Report
- CARB Annual Green House Gas Third Party Verification Report
- CARB Green House Gas Sulfur Hexafluoride (SF6) Report
- CEC Quarterly 1304 Report
- City of San Diego Wastewater Significant Industrial User Monthly Self-Monitoring Reports
- County of San Diego Watershed Protection Best Operating Practice (BOP) Inspection Reports
- County of San Diego Department of Environmental Health Hazardous Materials Business Plan by way of CERS

- CEC Annual Compliance Report
- 5-year review of the PHR as required by CalARP

## **8.0 LISTING OF THE YEARS'S ADDITIONS TO THE COMPLIANCE FILE**

All of the noted items in Section 6.0, which were submitted to agencies other than the CEC, as well as those item submitted to the CEC have been added to the site compliance files.

## **9.0 UPDATES TO FACILITY CLOSURE PLANS**

In accordance with the ACR requirement contained in COMPLIANCE-12 and upon review of the On-Site Contingency Plan, there have been no changes in operations to warrant modifying the On-Site Contingency Plan for unplanned facility closure, with the exception of the update to the project owner's contact information in November 2018 (submitted to the CEC on November 20, 2018).

In addition, consistent with requirements under unplanned permanent closure, the nature and extent of insurance coverage, and major equipment warranties are included in the On-Site Contingency Plan. Insurance coverage and warranties are up to date and are included in the On-Site Contingency Plan. Insurance coverage renewal is effective through July 11, 2020.

## **10.0 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS**

Per COMPLIANCE-10, this section includes a listing of complaints, notices of violation (NOV), official warnings, and citations received during the year, a description of the resolution of any resolved matters, and the status of any unresolved matters.

No complaints, notices of violation, official warnings, or citations were received during the year.

## **ATTACHMENTS**



## **Attachment 1: CEC Compliance Matrix**

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-01	OP	This equipment shall be properly maintained and kept in good operating condition at all times, and, to the extent practicable, the project owner shall maintain and operate the equipment and any associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. [Rule 21 and 40 CFR §60.11]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-02	OP	The project owner shall operate the project in accordance with all data and specifications submitted with the application under which this license is issued and District Application No. APCD2010-APP-001251 as amended by Application No. APCD2011-APP-001540 and APCD2014-APP-003627. [Rule 14]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-04	CON	The project owner shall obtain any necessary District permits for all ancillary combustion equipment including emergency engines, prior to on-site delivery of the equipment. [Rule 10]	The project owner shall submit any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.	As Necessary			As Necessary
AQ-06	OP	A rolling 12-calendar-month period is one of a series of successive consecutive 12-calendar-month periods. The initial 12-month-calendar period of such a series shall begin on the first day of the month in which the applicable beginning date for that series occurs as specified in this permit. [Rule 20.3 (d)(3), Rule 20.3(d)(8) and Rule 21].	The project owner shall make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-08	OP	The project owner shall comply with all applicable provisions of 40 CFR Part 73, including requirements to acquire, hold and retire sulfur dioxide (SO <sub>2</sub> ) allowances. [40 CFR Part 73]	The project owner shall submit to the CPM and the District the CTG annual operating data and SO <sub>2</sub> allowance information demonstrating compliance with all applicable provisions of 40 CFR 73 as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-09	OP	All records required by this permit shall be maintained on site for a minimum of five years and made available to the District upon request. [Rule 1421]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-18	OP	The combustion turbines shall be fired on Public Utility Commission (PUC) quality natural gas. The project owner shall maintain, on site, quarterly records of the natural gas sulfur content expressed in units of grains of sulfur compounds per 100 dscf of natural gas and hourly records of the higher and lower heating values expressed in British thermal units per standard cubic foot (Btu/scf) of the natural gas. These records shall be provided to District personnel upon request. Natural gas sulfur content records must be kept with a minimum reporting limit of 0.25 grains sulfur compounds per 100 dscf of natural gas. [Rule 20.3(d)(1)]	The project owner shall submit the quarterly fuel sulfur content values in the Quarterly Operation Reports (AQ-SC8) and make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly	10/10/19		On-going
AQ-19	OP	Unless otherwise specified in this permit, all continuous monitoring data shall be collected at least once every clock minute. [Rules 69.3, 69.3.1, and 20.3(d)(1)]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-20	OP	For purposes of determining compliance with emission limits based on source testing, the average of three subtests shall be used. For purposes of determining compliance with emission limits based on a Continuous Emission Monitoring System (CEMS), data collected in accordance with the District approved CEMS Protocol shall be used and the averages for averaging periods specified herein shall be calculated as specified in the CEMS Protocol. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, 40 CFR Part 60 Appendix B and F, and 40 CFR Part 75]	Source test results demonstrating compliance with this condition shall be provided to the CPM and are due within the timeframes specified in Conditions AQ-48 and AQ-49. CEMS data summaries shall be submitted to the CPM as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-21	OP	For purposes of determining compliance with emission limits based on CEMS data, all CEMS calculations, averages, and aggregates shall be performed in accordance with the CEMS Protocol approved in writing by the District. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, 40 CFR Part 60 Appendix B and F, and 40 CFR Part 75]	CEMS data summaries shall be submitted to the CPM as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-22	OP	For each emission limit expressed as pounds, pounds per hour, or parts per million by volume on a dry basis (ppmvd) based on a one-hour or less averaging period or compliance period, compliance shall be based on using data collected at least once every minute when compliance is based on CEMS data. [Rules 69.3, 69.3.1, and 20.3(d)(1)]	CEMS data summaries shall be submitted to the CPM as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-23	OP	When a combustion turbine is combusting fuel (operating), the emission concentration of oxides of nitrogen (NOx), calculated as nitrogen dioxide (NO2), shall not exceed 2.5 ppmvd corrected to 15% oxygen averaged over a one-clock-hour period, except during commissioning, startup and shutdown periods for that turbine. [Rule 20.3(d)(1)]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-24	OP	When a combustion turbine is operating, the emission concentration of carbon monoxide (CO) shall not exceed 4.0 ppmvd corrected to 15 % oxygen, averaged over a one-clock-hour period, except during commissioning, startup, and shutdown periods for that turbine. [Rule 20.3(d)(1)]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-25	OP	When a combustion turbine is operating, the volatile organic compound (VOC) concentration, calculated as methane, measured in the exhaust stack, shall not exceed 2.0 ppmvd corrected to 15% oxygen, averaged over a one-clock-hour period, except during commissioning, startup, and shutdown periods for that turbine. For purposes of determining compliance based on the CEMS, the District approved VOC/CO surrogate relationship and the CO CEMS data, averaged over a one-clock-hour period shall be used. The VOC/CO surrogate relationship shall be verified and/or modified, if necessary, based on source testing. [Rule 20.3(d)(1)]	The project owner shall provide the CEMS data, using the appropriate VOC/CO surrogate relationship, to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-26	OP	When a combustion turbine is operating, the ammonia concentration (ammonia slip), shall not exceed 5.0 ppmvd corrected to 15 % oxygen and averaged over a one-clock-hour period, except during commissioning, startup, and shutdown periods for that turbine. [Rule 1200]	The project owner shall provide the estimated ammonia concentrations and ammonia emissions based on the annual source test data, the CEMS data and SCR ammonia flow data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-27	OP	When a combustion turbine is operating with post-combustion air pollution control equipment that controls oxides of nitrogen (NOx) emissions, the emission concentration NOx, calculated as nitrogen dioxide (NO2), shall not exceed 13.9 ppmvd averaged over each one-clock-hour period and corrected to 15% oxygen, except for startup and shutdown periods for that turbine, as defined in Rule 69.3.1. This limit does not apply during any period in which the facility is subject to a variance from the emission limits contained in Rule 69.3.1. [Rule 69.3.1]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-28	OP	When a combustion turbine is operating without any post-combustion air pollution control equipment that controls oxides of nitrogen (NOx) emissions, the emission concentration of NOx calculated as nitrogen dioxide (NO2) from each turbine shall not exceed 23.2 ppmvd averaged over each one-clock-hour period and corrected to 15% oxygen, except for startup and shutdown periods for that turbine, as defined in Rule 69.3.1. This limit does not apply during any period in which the facility is subject to a variance from the emission limits contained in Rule 69.3.1. [Rule 69.3.1]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-29	OP	When a combustion turbine is operating, the emission concentration of oxides of nitrogen (NOx), calculated as nitrogen dioxide (NO2) shall not exceed 42 ppmvd averaged over each one-clock-hour period and corrected to 15% oxygen, on a dry basis, except during startup and shutdown periods for that turbine, as defined in Rule 69.3. This limit does not apply during any period in which the facility is subject to a variance from the emission limits contained in Rule 69.3. [Rule 69.3]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going

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**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status												
AQ-30	OP	<p>For each rolling four-unit-operating-hour period, average emission concentration of oxides of nitrogen (NOx) for each turbine calculated as nitrogen dioxide (NO2) in parts per million by volume on a dry basis (ppmvd) corrected to 15% oxygen or, alternatively, as elected by the project owner, the average NOx emission rate in pounds per megawatt-hour (lb/MWh) shall not exceed an average emission limit calculated in accordance with 40 CFR Section 60.4380(b)(3). The emission concentration and emission rate averages shall be calculated in accordance with 40 CFR Section 60.4380(b)(1). The average emission concentration limit and emission rate limit shall be based on an average of hourly emission limits over the four-unit-operating-hour period including the operating hour and the three unit operating hours immediately preceding that hour. For any unit operating hour where multiple emission standards would apply based on load of the turbine, the applicable standard shall be the higher of the two limits. The hourly emission concentration limit and emission rate limit shall be as follows based on the load of the turbine over the four unit operating hour period:</p> <table><thead><tr><th>Case</th><th>Emission Limit, ppmvd at 15% O2</th><th>Emission Limit, lb/MWh</th></tr></thead><tbody><tr><td>i. All four hours at or above 75% Load</td><td>15</td><td>0.43</td></tr><tr><td>ii. All four hours below 75% Load</td><td>96</td><td>4.7</td></tr><tr><td>iii. Combination of hours</td><td colspan="2">(a x 15+b x 96)/4    (a x 0.43+b x 4.7)/4</td></tr></tbody></table> <p>Where: a = the number of unit operating hours in the four hour period with all operation above 75% load and b = 4-a.</p> <p>The averages shall exclude all clock hours occurring before the Initial Emission Source Test but shall include emissions during all other times that the equipment is operating including, but not limited to, emissions during startup and shutdown periods for that turbine. For each six-calendar-month period, emissions in excess of these limits and monitor downtime shall be identified in accordance with 40 CFR Sections 60.4350 and 60.4380(b)(2), except that Section 60.4350(c) shall not apply for identifying periods in excess of a NOx concentration limit. For the purposes of this condition, unit operating hour shall have the same meaning as defined in 40 CFR 60.4420. [40 CFR Part 60 Subpart KKKK]</p>	Case	Emission Limit, ppmvd at 15% O2	Emission Limit, lb/MWh	i. All four hours at or above 75% Load	15	0.43	ii. All four hours below 75% Load	96	4.7	iii. Combination of hours	(a x 15+b x 96)/4    (a x 0.43+b x 4.7)/4		The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
Case	Emission Limit, ppmvd at 15% O2	Emission Limit, lb/MWh																	
i. All four hours at or above 75% Load	15	0.43																	
ii. All four hours below 75% Load	96	4.7																	
iii. Combination of hours	(a x 15+b x 96)/4    (a x 0.43+b x 4.7)/4																		
AQ-31	OP	The emissions of particulate matter less than or equal to 10 microns in diameter (PM10) from the exhaust stack of each combustion turbine shall not exceed 5.0 pounds per hour for each combustion turbine. Compliance with this limit shall be demonstrated based upon source testing and calculated as the average of three subsets. [Rule 20.3(d)(1) and (d)(2)]	Source tests demonstrating compliance with this condition shall be provided to the CPM and are due within the timeframes specified in Conditions AQ-48 and AQ-49.	7/13/2017 / Quarterly / Annually	1/31/19		On-going												
AQ-32	CON/OP	The discharge of particulate matter from the exhaust stack of each combustion turbine shall not exceed 0.10 grains per dry standard cubic foot (0.23 grams/dscm) corrected to 12% carbon dioxide. The District may require periodic testing to verify compliance with this standard. [Rule 53]	Source tests demonstrating compliance with this condition shall be provided to the CPM and are due within the timeframes specified in Conditions AQ-48 and AQ-49.	7/13/2017 / Quarterly / Annually	1/31/19		On-going												
AQ-33	OP	Visible emissions from the lube oil vents and the exhaust stack of each combustion turbine shall not exceed 20% opacity for more than three (3) minutes in any period of 60 consecutive minutes. [Rule 50]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going												

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-34	OP	Mass emissions from each combustion turbine of oxides of nitrogen (NOx), calculated as NO <sub>2</sub> ; carbon monoxide (CO); and volatile organic compounds (VOC), calculated as methane, shall not exceed the following limits, except during commissioning, startup, and shutdown periods for that turbine. A one-clock-hour averaging period for these limits shall be used when compliance is determined using CEMS data. Pollutant Emission Limit, lb/hour a. NO <sub>x</sub> 8.2 b. CO 8.0 c. VOC 2.3 [Rule 20.3(d)(2)]	The project owner shall submit to the CPM operating data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-35	OP	Excluding any minutes that are coincident with a shutdown period, cumulative mass emissions from each combustion turbine of oxides of nitrogen (NOx), calculated as NO <sub>2</sub> ; carbon monoxide (CO); and volatile organic compounds (VOC), calculated as methane, shall not exceed the following limits during each of that turbine's startup periods, except during that turbine's commissioning period. Pollutant Emission Limit, lb/event a. NO <sub>x</sub> 22.5 b. CO 17.9 c. VOC 4.7 [Rule 20.3(d)(1)]	The project owner shall submit to the CPM operating data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-36	OP	Cumulative mass emissions from each combustion turbine of oxides of nitrogen (NOx), calculated as NO <sub>2</sub> ; carbon monoxide (CO); and volatile organic compounds (VOC), calculated as methane, shall not exceed the following limits during each of that turbine's shutdown periods, except during that turbine's commissioning period. Pollutant Emission Limit, lb/event a. NO <sub>x</sub> 6.0 b. CO 47.0 c. VOC 3.0 [Rule 20.3(d)(1)]	The project owner shall submit to the CPM operating data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-37	OP	The total aggregate oxides of nitrogen (NOx) emissions from all combustion turbines combined shall not exceed 150 pounds per hour, calculated as nitrogen dioxide and measured over each one-clock-hour period. This emission limit shall apply during all times one or more turbines are operating, including, but not limited to, emissions during commissioning, startup, and shutdown periods. [Rule 20.3(d)(2)]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going
AQ-38	OP	The carbon monoxide (CO) emissions from each combustion turbine shall not exceed 75 pounds per hour and total aggregate CO emissions from all combustion turbines combined shall not exceed 225 pounds per hour measured over each one-clock-hour period. This emission limit shall apply during all times that one or more turbines are operating, including, but not limited to emissions during commissioning, startup, and shutdown periods. [Rule 20.3(d)(2)(i)]	The project owner shall provide CEMS emissions data to demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-39	OP	<p>Beginning with the earlier of the initial startup dates for any combustion turbine, aggregate emissions of oxides of nitrogen (NOx), calculated as nitrogen dioxide (NO<sub>2</sub>); carbon monoxide (CO); volatile organic compounds (VOCs), calculated as methane; particulate matter less than or equal to 10 microns in diameter (PM<sub>10</sub>); and oxides of sulfur (SO<sub>x</sub>), calculated as sulfur dioxide (SO<sub>2</sub>), from the combustion turbines authorized to be constructed under this permit, except emissions from emission units excluded from the calculation of aggregate potential to emit as specified in Rule 20.1 (d) (1), as it exists on the date the permit to operate for this equipment is approved, shall not exceed the following limits for each rolling 12-calendar-month period beginning with the 12-calendar-month period that begins with the month in which the earliest initial startup among the equipment authorized to be constructed under this permit occurs:</p> <p>Pollutant    Emission Limit, tons per year</p> <p>a. NO<sub>x</sub>    70.4</p> <p>b. CO    96.4</p> <p>c. VOC    19.4</p> <p>d. PM<sub>10</sub>    35.8</p> <p>e. SO<sub>x</sub>    4.1</p> <p>The aggregate emissions of each pollutant shall include emissions during all times that the equipment is operating including, but not limited to, emissions during commissioning, startup, and shutdown periods. All calculations performed to show compliance with these limits shall be performed according to a protocol approved in advance in writing by the District. [Rules 20.3(d)(2), 20.3(d)(3), 20.3(d)(5), 20.3(d)(8) and 21]</p>	The project owner shall submit to the CPM and the District the facility annual operating and emissions data demonstrating compliance with this condition as part of the fourth quarter's Quarterly Operation Report (AQ-SC8).	Quarterly	10/10/19		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-40	CON/OP	The wet surface air cooler (WSAC) shall be equipped with a mist eliminator designed to achieve a drift rate of 0.001% or less. Not later than 90 calendar days prior to the start of construction, the project owner shall submit to the District the final selection, design parameters and details of the mist eliminator. In addition, the maximum total dissolved solids (TDS) concentration of the air-side recirculating cooling water used in the WSAC shall not exceed 5,600 ppm. The TDS concentration shall be verified through calendar quarterly testing of the water by a certified lab using an EPA approved method. In addition, beginning with the earlier of the initial startup dates for any combustion turbine, emissions of PM10 from the WSAC shall not exceed 1.46 tons for each rolling 12-calendar-month period beginning with the 12-calendar-month period that begins with the month in which the earliest initial startup among the equipment authorized to be constructed under this permit occurs. For each calendar month, PM10 emissions from the WSAC shall be calculated using a District approved protocol that is based on either the design maximum air-side recirculating cooling water flow to the WSAC or the measured total air-side recirculating water flow to the WSAC during the calendar month; the design maximum drift rate; the TDS concentration from the calendar quarterly measurement for the calendar quarter that contains the month; and the actual hours of operation of the WSAC fans during the calendar month. Except for the TDS concentration, for which the project owner shall maintain records not less frequently than a calendar quarterly basis, the project owner shall maintain records not less frequently than a calendar monthly basis of each variable parameter necessary to calculate the WSAC PM10 emissions with the District approved protocol methodology including, but not limited to, the recirculating air-side cooling water flow rate and actual hours of operation of the WSAC fans, if applicable. [Rule 20.3(d)(1)]	The project owner shall submit to the CPM for review and District for approval final selection, design parameters and details of the WSAC mist eliminator at least 90 days prior to the start of construction. The project owner shall provide cooling water testing data in compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly	10/10/19	2/27/15	Approved/ Open
AQ-41	OP	For each calendar month and each rolling 12-calendar-month period, the project owner shall maintain records, as applicable, on a calendar monthly basis, of mass emissions during each calendar month and rolling 12-calendar month period of NOx, calculated as NO2; CO; VOCs, calculated as methane; PM10; and SOx, calculated as SO2, in tons, from each emission unit authorized to be constructed under this permit, except for emissions from emission units excluded from the calculation of aggregate potential to emit as specified in Rule 20.1 (d) (1) as it exists on the date the permit to operate for this equipment is approved. These records shall be made available for inspection within 15 calendar days after the end of each calendar month. The recorded emissions shall be calculated in accordance with an emission calculation protocol approved by the District. A proposed emission calculation protocol to calculate the emissions from each emission unit shall be submitted to the District for approval not later than 90 calendar days before the earlier of the initial startup dates for either of the three combustion turbines. Where applicable, this protocol may rely in whole or in part on the CEMS Protocol or other monitoring protocols required by this permit. [Rules 20.3(d)(3), 20.3(d)(8) and 21]	The project owner shall provide emissions summary data in compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly	10/10/19		Approved/ Open

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-42	OP	For each calendar month and each rolling 12-calendar-month period, the project owner shall maintain records, as applicable, on a calendar monthly basis, of aggregate mass emissions of NOx, calculated as NO2; CO; VOCs, calculated as methane; PM10; and SOx, calculated as SO2, in tons from all the emission units authorized to be constructed under this permit combined, except for emissions from emission units excluded from the calculation of aggregate potential to emit as specified in Rule 20.1 (d) (1). These records shall be made available for inspection within 15 calendar days after the end of each calendar month. [Rules 20.3(d)(3), 20.3(d)(8) and 21]	The project owner shall provide emissions summary data in compliance with this condition as part of the Quarterly Operation Reports (AQ-SC8). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly	10/10/19		On-going
AQ-44	OP	When a combustion turbine is operating, ammonia shall be injected at all times that the associated selective catalytic reduction (SCR) system catalyst outlet temperature is 575 degrees Fahrenheit or greater. [Rules 20.3(d)(1)]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-46	OP	Except during periods when the ammonia injection system is being tuned or one or more ammonia injection systems is in manual control for compliance with applicable permit conditions, the automatic ammonia injection system serving each SCR system shall be in operation in accordance with manufacturer's specifications at all times when ammonia is being injected into the SCR system. Manufacturer specifications shall be maintained on site and made available to District personnel upon request. [Rules 20.3(d)(1) and 21]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-47	OP	The concentration of ammonia solution used in the ammonia injection system shall be less than 20% ammonia by weight. Records of ammonia solution concentration shall be maintained on site and made available to District personnel upon request. [Rules 14 and 21]	The project owner shall maintain on site and provide on request of the CPM or District the ammonia delivery records that demonstrate compliance with this condition.	6/30/16	6/27/16	5/23/16	On-going
AQ-52	OP	A renewal source test and a NOx and CO Relative Accuracy Test Audit (RATA) shall be periodically conducted on each combustion turbine to demonstrate compliance with the NOx, CO, VOC, PM10 and ammonia emission standards of this permit and applicable relative accuracy requirements for the CEMS systems using District approved methods. The renewal source test and the NOx and CO RATAs shall be conducted in accordance with the applicable RATA frequency requirements of 40 CFR75, Appendix B, Sections 2.3.1 and 2.3.3. The renewal source test shall be conducted in accordance with a protocol complying with all the applicable requirements of the source test protocol for the Initial Emissions Source Test. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall submit to the CPM for review and the District for approval the periodic RATA and source test protocols, and RATA source test reports within the timeframes specified in Conditions AQ-48 and AQ-49.	Annually	1/31/19		On-going
AQ-56	OP	The higher heating value of the combustion turbine fuel shall be measured by ASTM D1826-94, Standard Test Method for Calorific Value of Gases in Natural Gas Range by Continuous Recording Calorimeter, or ASTM D1945-96, Standard Method for Analysis of Natural Gas by Gas Chromatography, in conjunction with ASTM D3588-98, Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels, or an alternative test method approved by the District and EPA. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-64	OP	The CEMS shall be in operation in accordance with the District approved CEMS Protocol at all times when the turbine is in operation. A copy of the District approved CEMS Protocol shall be maintained on site and made available to District personnel upon request. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall make the site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	6/30/16	6/13/16		On-going



**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-65	OP	When the CEMS is not recording data and the combustion turbine is operating, hourly NOx emissions for purposes of calendar year and rolling 12-calendar-month period emission calculations shall be determined in accordance with 40 CFR 75 Subpart C. Additionally, hourly CO emissions for rolling 12-calendar-month period emission calculations shall be determined using CO emission factors to be determined from source test emission factors, recorded CEMS data, and fuel consumption data, in terms of pounds per hour of CO for the gas turbine. Emission calculations used to determine hourly emission rates shall be reviewed and approved by the District, in writing, before the hourly emission rates are incorporated into the CEMS emission data. [Rules 20.3(d)(3) and 21 and 40 CFR Part 75]	The project owner shall provide the District for approval and the CPM for review all emission calculations required by this condition, in a manner and time required by the District, and shall provide notation of when such calculations are used in place of operating CEMS data in the Quarterly Operation Reports (AQ-SC8).	Quarterly	10/10/19		Approved/ Open
AQ-66	OP	Any violation of any emission standard as indicated by the CEMS shall be reported to the District's compliance division within 96 hours after such occurrence. [Rule 19.2]	The project owner shall notify the District regarding any emission standard violation as required in this condition and shall document all such occurrences in each Quarterly Operation Report (AQ-SC8).	Quarterly	10/10/19		As Necessary
AQ-67	OP	The CEMS shall be maintained and operated, and reports submitted, in accordance with the requirements of Rule 19.2 Sections (d), (e), (f)(1), (f)(2), (f)(3), (f)(4) and (f)(5), and the CEMS Protocol approved by the District. [Rule 19.2]	The project owner shall submit to the District the CEMS reports as required in this condition and shall make the site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	7/1/16	7/1/16	7/1/16	On-going
AQ-68	OP	Except for changes that are specified in the initially approved CEMS Protocol or a subsequent revision to that protocol that is approved in advance, in writing, by the District, the District shall be notified in writing at least thirty (30) calendar days prior to any planned changes made in the CEMS or Data Acquisition and Handling System (DAHS), including, but not limited to, the programmable logic controller, software which affects the value of data displayed on the CEMS / DAHS monitors with respect to the parameters measured by their respective sensing devices and any planned changes to the software that controls the ammonia flow to the SCR. Unplanned or emergency changes shall be reported within 96 hours. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall submit to the CPM for review and the District for approval any revision to the CEMS/DAHS or ammonia flow control software, as required by this condition, to be approved in advance at least 30 days before any planned changes are made. The project owner shall notify the District regarding any unplanned emergency changes to these software systems within 96 hours and shall document all such occurrences in each Quarterly Operation Report (AQ-SC8).	As Necessary			As Necessary
AQ-70	OP	Fuel flowmeters shall be installed and maintained to measure the fuel flow rate, corrected for temperature and pressure, to each combustion turbine. Correction factors and constants shall be maintained on site and made available to the District upon request. The fuel flowmeters shall meet the applicable quality assurance requirements of 40 CFR Part 75, Appendix D, Section 2.1.6. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall submit to the CPM the natural gas fuel usage data from the fuel flow meters as part of the Quarterly Operation Report (AQ-SC8).	Quarterly	10/10/19		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-71	CON/OP	Each combustion turbine shall be equipped with continuous monitors to measure, calculate, and record unit operating days, hours, and minutes and the following operational characteristics: a. Date and time; b. Natural gas flow rate to the combustion turbine during each unit operating minute, in standard cubic feet per hour; c. Total heat input to the combustion turbine based on the fuels higher heating value during each unit operating minute, in million British thermal units per hour (MMBtu/hr); d. Higher heating value of the fuel on an hourly basis, in British thermal units per standard cubic foot (Btu/scf); e. Gross electrical power output during each unit operating minute in megawatts (MW); and f. Water injection rate in gallons per minute (gpm) or pounds per hour (lb/hr). The values of these operational characteristics shall be recorded at least each unit operating minute. The monitors shall be installed, calibrated, and maintained in accordance with a turbine operation monitoring protocol, which may be part of the CEMS Protocol and which shall include any relevant calculation methodologies, that is approved, in advance, in writing, by the District. The monitors shall be in full operation at all times when the combustion turbine is in operation. Calibration records for the continuous monitors shall be maintained on site and made available to the District upon request. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall submit to the CPM for review and the District for approval a turbine operation monitoring protocol in compliance with this condition and within the timeframes specified in AQ-72. The project owner shall make the site available for inspection of records and equipment required in this condition by representatives of the District, ARB, and the Energy Commission.	8/3/16	4/29/16	6/27/16	Approved/ On-going
AQ-73	OP	Operating logs or Data Acquisition and Handling System (DAHS) records shall be maintained to record the beginning and end times and durations of all startup, shutdown, and tuning periods to the nearest minute, quantity of fuel used in each clock minute, clock hour, calendar month, and 12-calendar-month period in standard cubic feet; hours of operation each day; and hours of operation during each calendar year. For purposes of this condition, the hours of turbine operation is defined as the total minutes the turbine is combusting fuel during the calendar year divided by 60 rounded to the nearest hundredth of an hour. [Rules 69.3, 69.3.1, and 20.3(d)(1) and 40 CFR Part 60 Subpart KKKK, and 40 CFR Part 75]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	6/30/16	7/18/16	7/18/16	On-going
AQ-77	OP	The project owner shall file semiannual reports in accordance with 40 CFR §60.4375. [40 CFR Part 60 Subpart KKKK]	Semiannual compliance reports shall be submitted to the District and the CPM as part of the second quarter's and fourth quarter's Quarterly Operation Reports (AQ-SC8).	1/30/2017/ Semi-Annually	7/18/19		On-going
AQ-78	OP	Each semiannual report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. Each such semiannual compliance report shall be postmarked or delivered no later than January 30 or July 30, whichever date is the first date following the end of the semiannual reporting period. [40 CFR Part 60 Subpart KKKK and Rule 21]	Semiannual compliance reports shall be submitted to the District and the CPM as part of the second quarter's and fourth quarter's Quarterly Operation Reports (AQ-SC8).	1/30/2017/ Semi-Annually	7/18/19		On-going
AQ-79	OP	All semiannual compliance reports shall be submitted to the District Compliance Division. [40 CFR §60.7]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	1/30/2017/ Semi-Annually	7/18/19		On-going
AQ-80	OP	The equipment authorized to be constructed under this permit is described in Application No. APCD2010-APP-001251 as amended by Application Nos. APCD2011-APP-001540 and APCD2014-APP-003627.	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
AQ-82	OP	The emissions of particulate matter less than or equal to 10 microns in diameter (PM10) from the exhaust stacks of the combustion turbines shall not exceed 3.5 pounds per hour per turbine, calculated as the arithmetic average of the source test results from the six most recent sets of valid source tests performed on the three turbines. For the purpose of this condition, a valid source test is a source test for which the results have been approved by the District, and that included at least three subtests in the calculation of average emission rate. [Rule 20.3(d)(1) and (d)(2)]	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-83	OP	All testing conducted to measure concentrations or emissions of volatile organic compounds (VOCs) shall include measurement of formaldehyde and the result shall be added to the result determined for other VOC concentrations or emissions, as applicable. Measurement of VOC emissions shall be conducted in accordance with EPA Method 18, or alternative methods approved by the District and EPA. Measurement of emissions of formaldehyde shall be conducted in accordance with EPA Method 316 or 323, or an alternative method approved by the District and EPA.	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	On-going			On-going
AQ-SC06	CON	The project owner shall provide the CPM copies of all district issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) documents for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the district or U.S. EPA, and any revised permit issued by the district or U.S. EPA, for the project.	The project owner shall submit any ATC, PTO, and proposed air permit modifications to the CPM within five working days of its submittal either by: 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency. The project owner shall submit all modified air permits to the CPM within 15 days of receipt.	12/30/2016/ As Necessary	10/31/19		Open
AQ-SC08	OP	The project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter, that include operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein. The Quarterly Operation Report shall specifically note or highlight incidences of noncompliance.	Verification: The project owner shall submit the Quarterly Operation Reports to the CPM and APCO no later than 30 days following the end of each calendar quarter.	Quarterly	10/10/19		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
BIO-02	CON/OP	<p>The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.</p> <ol style="list-style-type: none"> <li>1. Advise the project owner's construction and operation managers on the implementation of the Biological Resources Conditions of Certification;</li> <li>2. Be available to supervise, conduct, and coordinate mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as special status species or their habitat;</li> <li>3. Clearly mark sensitive biological resource areas and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions;</li> <li>4. Notify the project owner and the CPM of any non-compliance with any Biological Resources Condition of Certification;</li> <li>5. Respond directly to inquiries of the CPM regarding biological resource issues; and</li> <li>6. Maintain written records of the tasks specified above. Summaries of these records shall be submitted in the Monthly Compliance Report during project construction.</li> </ol>	<p>The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation a Designated Biologist shall be available for monitoring and reporting.</p>	On-going	5/13/15		On-going
BIO-04	CON/OP	<p>The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification.</p> <p>If required by the Designated Biologist or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist or Biological Monitor(s) shall:</p> <ol style="list-style-type: none"> <li>1. Require a halt to all activities in any area when determined that there would be an unauthorized adverse impact to biological resources if the activities continued;</li> <li>2. Inform the project owner and the Construction/Operation Manager when to resume activities; and</li> <li>3. Notify the CPM if there is a halt of any activities, and advise the CPM of any corrective actions that have been taken, or would be instituted, as a result of the work stoppage.</li> </ol>	<p>The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.</p> <p>Whenever corrective action is taken by the project owner, a determination of success or failure would be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner would be notified by the CPM that coordination with other agencies would require additional time before a determination can be made.</p>	As Necessary			As Necessary

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
BIO-05	PRE-CON/CON/OP	<p>The project owner shall develop and implement a CPM-approved Worker Environmental Awareness Program (WEAP) in which each of its employees, as well as employees of contractors and subcontractors who work on the project site or any related facilities during site mobilization, ground disturbance, grading, construction, operation, and closure are informed about sensitive biological resources associated with the project. The WEAP must:</p> <ol style="list-style-type: none"> <li>1. Be developed by or in consultation with the Designated Biologist and consist of an on-site or training center presentation in which supporting written material and electronic media is made available to all participants;</li> <li>2. Discuss the locations and types of sensitive biological resources on the project site and adjacent areas, if present;</li> <li>3. Present the reasons for protecting these resources;</li> <li>4. Present the meaning of various temporary and permanent habitat protection measures as necessary;</li> <li>5. Discuss penalties for violation of applicable LORS (e.g., federal and state endangered species acts);</li> <li>6. Identify whom to contact if there are further comments and questions about the material discussed in the program; and</li> <li>7. Include a training acknowledgment form to be signed by each worker indicating that they received training and shall abide by the guidelines.</li> </ol> <p>The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.</p>	<p>At least 60 days prior to the start of pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. At least 10 days prior to preconstruction site mobilization, the project owner shall submit two copies of the CPM-approved materials. The project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.</p> <p>WEAP text, and photos to be used as part of a presentation, shall be approved by the CPM prior to the production of an electronic WEAP presentation, if the latter is to be used.</p> <p>Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least six months after the start of commercial operation.</p> <p>During project operation, signed statements for operational personnel shall be kept on file for six months following the termination of an individual's employment.</p>	12/31/14	2/28/14	1/26/15	Approved/ On-going
COMPLIANCE-01	CC	The CPM, responsible Energy Commission staff, and delegated agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general site visits. Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.		On-going			On-going
COMPLIANCE-02	CC	The project owner shall maintain project files on-site or at an alternative site approved by the CPM for the life of the project, unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, documents submitted as verification for conditions, and other project-related documents. Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition.		On-going			On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
COMPLIANCE-03	CC	Each condition of certification is followed by a means of verification. The verification describes the Energy Commission's procedure(s) to ensure post-certification compliance with adopted conditions. The verification procedures, unlike the conditions, may be modified as necessary by the CPM. Verification of compliance with the conditions of certification can be accomplished by the following: 1) monthly and/or annual compliance reports, filed by the project owner or authorized agent, reporting on work done and providing pertinent documentation, as required by the specific conditions of certification; 2) appropriate letters from delegate agencies verifying compliance; 3) Energy Commission staff audits of project records; and/or 4) Energy Commission staff inspections of work, or other evidence that the requirements are satisfied. Verification lead times associated with start of construction may require the project owner to file submittals during the certification process, particularly if construction is planned to commence shortly after certification. A cover letter from the project owner or authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters...		On-going	11/20/18		On-going
COMPLIANCE-04	CC	Prior to commencing construction, a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted by the project owner to the CPM. This matrix will be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first. It will be submitted in the same format as the compliance matrix described below. Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been complied with, and the CPM has issued a letter to the project owner authorizing construction. Various lead times for submittal of compliance verification documents to the CPM for conditions of certification are established to allow sufficient staff time to review and comment and, if necessary, allow the project owner to revise the submittal in a timely manner. This will ensure that project construction may proceed according to schedule. Failure to submit compliance documents within the specified lead-time may result in delays in authorization to commence various stages of project development. If the project owner anticipates commencing project construction as soon as the project is certified, it may be necessary for the project owner to file compliance submittals prior to project certification. Compliance submittals should be completed in advance where the necessary lead time for a required compliance event extends beyond the date anticipated for start of construction. The project owner must understand that the submittal of compliance documents prior to project certification is at the owner's own risk. Any approval by Energy Commission staff is subject to change, based upon the Commission Decision. Compliance Reporting There are two different compliance reports that the project owner must submit to assist the CPM in tracking activities and monitoring compliance with the terms and conditions of the Energy Commission Decision. During construction, the project owner or authorized agent will submit Monthly Compliance Reports. During operation, an Annual Compliance Report must be submitted. These reports, and the requirement for an accompanying compliance matrix, are described below. The majority of the conditions of certification require that compliance submittals be submitted to the CPM in the monthly or annual compliance reports.		2/14/15	2/12/14	5/2/14	Approved/ On-Going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
COMPLIANCE-05	CC	A compliance matrix shall be submitted by the project owner to the CPM along with each monthly and annual compliance report. The compliance matrix is intended to provide the CPM with the current status of all conditions of certification in a spreadsheet format. The compliance matrix must identify: 1) the technical area; 2) the condition number; 3) a brief description of the verification action or submittal required by the condition; 4) the date the submittal is required (e.g., 60 days prior to construction, after final inspection, etc.); 5) the expected or actual submittal date; 6) the date a submittal or action was approved by the Chief Building Official (CBO), CPM, or delegate agency, if applicable; 7) the compliance status of each condition, e.g., "not started," "in progress" or "completed" (include the date); and 8) if the condition was amended, the date of the amendment. Satisfied conditions shall be placed at the end of the matrix.		Monthly/ Annually	11/20/18		On-going
COMPLIANCE-07	OP	After construction is complete, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports. The reports are for each year of commercial operation and are due to the CPM each year at a date agreed to by the CPM. Annual Compliance Reports shall be submitted over the life of the project, unless otherwise specified by the CPM. Each Annual Compliance Report shall include the AFC number, identify the reporting period, and shall contain the following:...		11/30/2016 Annually	11/20/18	11/21/16	On-going
COMPLIANCE-08	CC	Any information that the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality pursuant to Title 20, California Code of Regulations, section 2505(a). Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501, et. seq.		As Necessary			As Necessary
COMPLIANCE-09	CC	Pursuant to the provisions of Section 25806(b) of the Public Resources Code, the project owner is required to pay an annual compliance fee, which is adjusted annually. Current Compliance fee information is available on the Energy Commission's website <a href="http://www.energy.ca.gov/siting/filing_fees.html">http://www.energy.ca.gov/siting/filing_fees.html</a> . You may also contact the CPM for the current fee information. The initial payment is due on the date of the business meeting at which the Energy Commission adopts the Final Decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification. The payment instrument shall be made payable to the California Energy Commission and mailed to: Accounting Office MS-02, California Energy Commission, 1516 9th St., Sacramento, CA, 95814.		7/1/2019 Annually	6/14/19		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>COMPLIANCE-10</b>	PRE- CON/CON /OP	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns. If the telephone is not staffed 24 hours per day, it shall include automatic answering with a date and time stamp recording. All recorded complaints shall be responded to within 24 hours. The telephone number shall be posted at the project site and made easily visible to passersby during construction and operation. The telephone number shall be provided to the CPM who will post it on the Energy Commission's web page at <a href="http://www.energy.ca.gov/sitingcases/power_plants_contacts.html">http://www.energy.ca.gov/sitingcases/power_plants_contacts.html</a> . Any changes to the telephone number shall be submitted immediately to the CPM, who will update the web page. In addition to the monthly and annual compliance reporting requirements described above, the project owner shall report and provide copies to the CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the NOISE Conditions of Certification. All other complaints shall be recorded on the complaint form (Attachment A).		2/14/15	2/13/15	2/25/15	Approved/ On-going
<b>COMPLIANCE-11</b>	OP	In order to ensure that a planned facility closure does not create adverse impacts, a closure process that provides for careful consideration of available options and applicable laws, ordinances, regulations, standards, and local/regional plans in existence at the time of closure will be undertaken. To ensure adequate review of a planned project closure, the project owner shall submit a proposed facility closure plan to the Energy Commission for review and approval at least 12 months (or other period of time agreed to by the CPM) prior to the commencement of closure activities. The project owner shall file 120 copies (or other number of copies agreed upon by the CPM) of a proposed facility closure plan with the Energy Commission...		TBD			
<b>COMPLIANCE-12</b>	OP	In order to ensure that public health and safety and the environment are protected in the event of an unplanned temporary facility closure, it is essential to have an on-site contingency plan in place. The on-site contingency plan will help to ensure that all necessary steps to mitigate public health and safety impacts and environmental impacts are taken in a timely manner. The project owner shall submit an on-site contingency plan for CPM review and approval. The plan shall be submitted no less than 60 days (or other time agreed to by the CPM) 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...		7/20/2016 / Annually	11/20/18	8/8/16	Approved/ On-going



**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
COMPLIANCE-13	OP	The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment. In the event of an unplanned permanent 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. The project owner shall keep the CPM informed of the status of all closure activities. A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.		7/20/2016 / Annually	11/20/18	8/8/16	Approved/ On-going
COMPLIANCE-14	CON/OP	The project owner must petition the Energy Commission pursuant to Title 20, California Code of Regulations, section 1769, in order to modify the project (including linear facilities) design, operation or performance requirements, and to transfer ownership or operational control of the facility. It is the responsibility of the project owner to contact the CPM to determine if a proposed project change should be considered a project modification pursuant to Section 1769. Implementation of a project modification without first securing Energy Commission, or Energy Commission staff approval, may result in enforcement action that could result in civil penalties in accordance with Section 25534 of the Public Resources Code. A petition is required for amendments and for staff approved project modifications as specified below. Both shall be filed as a "Petition to Amend." Staff will determine if the change is significant or insignificant. For verification changes, a letter from the project owner is sufficient. In all cases, the petition or letter requesting a change should be submitted to the CPM, who will file it with the Energy Commission's Dockets Unit in accordance with Title 20, California Code of Regulations, section 1209...		As Necessary	5/3/18	10/3/18	Approved/ Open
COMPLIANCE-15	CC	In the event of any incident that requires a response from fire, hazardous materials, medical, or police emergency services (as a result, for example, of personal injury, hazardous materials spill, flood, fire, or explosion, etc), the project owner shall notify the CPM within two hours of the initiation of the event by telephone, fax, or e-mail, to report the circumstances of the event, its current status, and its expected duration. The project owner shall provide the CPM with all reports that have been prepared regarding any such incident within 10 days of preparation of those documents. This requirement covers any incident reports prepared by the project owner, as well as reports prepared by third parties to which the project owner has access. Such reports shall be unredacted and in their original form.		As Necessary			

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
GEN-01	CON	The project owner shall design, construct, and inspect the project in accordance with the 2010 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Building Standards Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously). The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. All transmission facilities (lines, switchyards, switching stations and substations) are covered in the conditions of certification in the Transmission System Engineering section of this Decision.	Within 30 days following receipt of the certificate of occupancy, the project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design. The project owner shall provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO. Once the certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	1/20/17	1/20/17	2/8/17	Approved/ As Necessary
HAZ-01	OP	The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strengths than those identified by chemical name in Appendix B, below, unless approved in advance by the CPM.	The project owner shall provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	Annually	11/20/18	12/14/15	Approved/ Open
HAZ-07 (1 of 4)	CON/OP	The project owner shall also prepare a site-specific security plan (or an update to an existing security plan) for the commissioning and operational phases that will be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC 2002).  The Operation Security Plan shall include the following:  1. Permanent full perimeter fence or wall, at least 8 feet high;  2. Main entrance security gate, either hand operated or motorized;  3. Evacuation procedures;  4. Protocol for contacting law enforcement and the CPM in the event of suspicious activity or emergency;  5. Written standard procedures for employees, contractors, and vendors when encountering suspicious objects or packages on site or off site;	At least 30 days prior to the initial receipt of hazardous materials on site, the project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.  In the annual compliance report, the project owner shall include a statement that all current project employee and appropriate contractor background investigations have been performed and that updated certification statements have been appended to the operations security plan.  In the annual compliance report, the project owner shall include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	8/12/2016 Annually	11/20/18	11/16/17	Approved/ Open

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
HAZ-07 (2 of 4)	CON/OP	<p>6. a. A statement (refer to sample, Attachment A), signed by the project owner certifying that background investigations have been conducted on all project personnel. Background investigations shall be restricted to determine the accuracy of employee identity and employment history and shall be conducted in accordance with state and federal laws regarding security and privacy;</p> <p>b. A statement(s) (refer to sample, Attachment B), signed by the contractor or authorized representative(s) for any permanent contractors or other technical contractors (as determined by the CPM after consultation with the project owner), that are present at any time on the site to repair, maintain, investigate, or conduct any other technical duties involving critical components (as determined by the CPM after consultation with the project owner) certifying that background investigations have been conducted on contractors who visit the project site;</p> <p>7. Site access controls for employees, contractors, vendors, and visitors;</p> <p>8. A statement(s) (refer to sample, Attachment C), signed by the owners or authorized representative of hazardous materials transport vendors, certifying that they have prepared and implemented security plans in compliance with 49 CFR 172.880, and that they have conducted employee background investigations in accordance with 49 CFR Part 1572, subparts A and B;</p>		8/12/2016 Annually	11/20/18	5/17/17	Approved/ Open
HAZ-07 (3 of 4)	CON/OP	<p>9. Closed circuit TV (CCTV) monitoring system, recordable, and viewable in the power plant control room and security station (if separate from the control room) capable of viewing, at a minimum, the main entrance gate and the ammonia storage tank; and</p> <p>10. Additional measures to ensure adequate perimeter security consisting of either:</p> <p>a. security guard(s) present 24 hours per day, seven days per week;</p> <p><u>or</u></p> <p>b. power plant personnel on site 24 hours per day, seven days per week, <u>or</u> if power plant personnel are not on-site 24 hours per day, seven days per week, all plant alarms, intrusion detectors, and CCTV systems shall be monitored at all times from a remote location when the site is unmanned, and all of the following:</p> <p>1. the CCTV monitoring system required in item 9, above, shall include cameras able to pan, tilt, and zoom; that have low-light capability, are recordable, and are able to view 100 percent of the perimeter fence, the ammonia storage tank, the outside entrance to the control room, and the front gate from a monitor in the power plant control room; <b>and</b></p> <p>2. perimeter breach detectors <u>or</u> on-site motion detectors.</p>		8/12/2016 Annually	11/20/18	5/17/17	Approved/ Open
HAZ-07 (4 of 4)	CON/OP	The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans. The CPM may authorize modifications to these measures, or may require additional measures such as protective barriers for critical power plant components—transformers, gas lines, and compressors—depending upon circumstances unique to the facility or in response to industry-related standards, security concerns, or additional guidance provided by the U.S. Department of Homeland Security, the U.S. Department of Energy, or the North American Electrical Reliability Council, after consultation with both appropriate law enforcement agencies and the Applicant.		8/12/2016 Annually	11/20/18	5/17/17	Approved/ Open

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
NOISE-01	PRE-CON/CON/OP	At least 15 days prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail or by other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction where it is visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	Prior to ground disturbance, the project owner shall transmit to the compliance project manager (CPM) a statement, signed by the project owner's project manager, stating that the above notification has been performed, and describing the method of that notification. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.	2/14/15	2/13/15	2/25/15	Approved/ On-going
NOISE-02	CON/OP	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. The project owner or authorized agent shall: <ul style="list-style-type: none"> <li>• Use the Noise Complaint Resolution Form or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint;</li> <li>• Attempt to contact the person(s) making the noise complaint within 24 hours;</li> <li>• Conduct an investigation to determine the source of noise in the complaint;</li> <li>• If the noise is project related, take all feasible measures to reduce the source of the noise; and</li> <li>• Submit a report documenting the complaint and actions taken. The report shall include: a complaint summary, including the final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem has been resolved to the complainant's satisfaction.</li> </ul>	Within five days of receiving a noise complaint, the project owner shall file a Noise Complaint Resolution Form, shown below, with both the local jurisdiction and the CPM, that documents the resolution of the complaint. If mitigation is required to resolve the complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	As Necessary			As Necessary
PAL-06	CON	The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	The project owner shall maintain in his/her compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. The project owner shall maintain these files for a period of three years after project completion and approval of the CPM-approved paleontological resource report (see <b>PAL-7</b> ). The project owner shall be responsible for paying any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	On-going thru 11/1/19			On-going
PUBLIC HEALTH-01	CON/OP	The project owner shall develop and implement a Cooling Water Management Plan to ensure that the potential for bacterial growth in cooling water is kept to a minimum. The Plan shall be consistent with either Staff's "Cooling Water Management Program Guidelines" or with the Cooling Technology Institute's "Best Practices for Control of Legionella" guidelines but in either case, the plan must include sampling and testing for the presence of Legionella bacteria at least every six months. After two years of power plant operations, the project owner may ask the CPM to re-evaluate and revise the Legionella bacteria testing requirement.	At least 60 days prior to the commencement of cooling tower operations, the Cooling Water Management Plan shall be provided to the CPM for review and approval.	4/29/16	4/29/16	6/27/16	Approved/ On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>SOIL&amp;WATER-04</b>	PRE- CON/CON /OP	The project owner shall comply with the requirements of the San Diego County Municipal Stormwater Permit (RWQCB Order R9-2007- 0001) and the San Diego County Watershed Protection, Stormwater Management and Discharge Control Ordinance (Ordinance No. 10096). The project owner shall develop and implement for the operation of PPEC a Stormwater Management Plan (SWMP) and a Hydromodification Plan (HMP) in accordance with the requirements of the County's Standard Urban Stormwater Mitigation Plan for Land Development and Public Improvement Projects. The project owner shall provide a copy of the required SWMP and HMP to the CPM and notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the non-compliance and the results of those corrective measures. It is the Commission's intent that these requirements be enforceable by both the Commission and the County of San Diego. Accordingly, the Commission and the County of San Diego shall confer with each other and coordinate, as needed, in enforcement of the requirements.	At least 180 days prior to site mobilization, the project owner shall submit to San Diego County a copy of the SWMP and HMP for compliance of Ordinance No. 10096. Thirty days prior to PPEC construction activities, the project owner shall submit to the CPM a copy of the county approved SWMP and county approved HMP. A copy of both documents shall be retained on site. The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the County regarding stormwater management in the annual compliance report.	5/15/2015 / Annually	11/20/18	4/29/16	Approved/ On- going
<b>SOIL&amp;WATER-05</b>	CON/OP	<p>Water supply for project construction shall be potable water supplied from OWD. Potable water use for construction shall not exceed 28 acre-feet per year. A monthly summary of project construction water use shall be submitted to the CPM.</p> <p>Water supply for project domestic needs during operation will be potable water from OWD. Water supply for project operation shall be recycled water. If recycled water is not available to the PPEC, potable water supplied by the Otay Water District (OWD) may be used on an interim basis as the water supply for project operation and shall not exceed a total annual maximum of 312 acre-feet per year. An annual summary of project operation water use shall be submitted to the CPM in the annual compliance report.</p> <p>At such time as recycled water is made available to the PPEC, the project owner shall use recycled water for project operation process needs. The project's use of recycled water shall be tertiary-treated water from OWD and shall comply with California Code of Regulations Title 22, Division 4, Chapter 3 and Title 17, Division 1, Chapter 5. Recycled water use shall not exceed a total annual maximum of 314 acre-feet per year. An annual summary of daily water use, differentiating between potable and recycled water, shall be submitted to the CPM in the annual compliance report.</p> <p>Once recycled water is made available for project operation, potable water may only be used for domestic uses and emergency project operation. Domestic use shall be limited to one afy. For purposes of this condition, the term emergency shall mean the inability for the PPEC to take, or for the OWD to deliver, recycled water to the PPEC in a quantity sufficient to meet PPEC demand due to natural disaster or other circumstances beyond the control of the project owner and it is necessary for the PPEC to continue to operate to serve a peaking load.</p>	<p>The project owner shall record PPEC construction water use on a daily basis and shall notify the CPM within 14 days upon forecast to exceed the maximum annual use of 28 acre-feet per year of potable water. Prior to exceeding the maximum use, the owner shall provide a plan to modify construction practices or offset excess water use.</p> <p>The project owner shall record PPEC operation water use (from any source) on a daily basis and shall notify the CPM within 14 days upon forecast to exceed the maximum annual use as described above. Prior to exceeding the maximum use, the owner shall provide a plan to modify operations.</p> <p>The project owner shall submit a water use summary report to the CPM in the annual compliance report for the life of the project operation. The annual summary report shall be based on, and shall distinguish, recorded daily use of potable and recycled water. The report shall include calculated monthly range, monthly average, daily maximum within each month and annual use by the project in both gallons per minute and acre-feet. After the first year and for subsequent years, this information shall also include the yearly range and yearly average recycled and potable water used by the project.</p> <p>Once recycled water is used for project operation, the project owner shall notify the CPM when potable water will be used for emergency plant operation for more than 96 hours cumulatively. The project owner shall notify the CPM within 24 hours when potable water is used for emergency plant operation for more than 32 hours consecutively. Within the notification, the project owner shall provide justification for 96 cumulative hours or 32 consecutive hours of emergency backup and the expected duration of its use. The project owner shall not use potable water as an emergency backup supply for more than 96 consecutive hours of plant operation without CPM approval.</p>	Monthly/ Annually	11/20/18	4/22/15	On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>SOIL&amp;WATER-06</b>	CON/OP	<p>Prior to the use of a water source during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied to the PPEC from the water source. Those metering devices shall be operational for the life of the project and must be able to record the volume from each source separately.</p> <p>The project owner shall comply with Otay Water District's requirement for recycled water connections and systems, notwithstanding its conveyance of potable water, including compliance with California Water Code section 13523 and California Code of Regulations Title 22 and Title 17, Division 1, Chapter 5.</p>	<p>At least 30 days prior to use of any water source for PPEC operation, the project owner shall submit to the CPM evidence that metering devices have been installed and are operational on the potable and recycled pipelines serving the project. The project owner shall provide a report on the servicing, testing, and calibration of the metering devices in the annual compliance report.</p> <p>No later than 60 days prior to the delivery of water to the connections and systems designed for future recycled water conveyance, the PPEC owner shall submit the Engineering Report and Cross Connection inspection report to the San Diego RWQCB, and California Department of Public Health (CDPH). The PPEC owner shall submit to the CPM a copy of the Engineering Report and Cross Connection inspection report and include any relevant comments from the San Diego RWQCB and CDPH prior to the delivery of water from OWD.</p>	8/1/2016 and Annually	11/20/18	6/29/16	Approved/ Open
<b>SOIL&amp;WATER-07</b>	CON/OP	<p>The project owner shall provide the CPM copies of the executed Recycled Water Purchase Agreement (agreement) with the Otay Water District (OWD) for the long-term supply (20 – 25 years) and delivery of tertiary treated recycled water to the PPEC. If OWD does not enter into such agreements, the project owner shall obtain a Will-Serve letter from OWD that demonstrates the level of recycled water service that OWD will provide to PPEC. The PPEC shall not receive recycled water without the final agreement or Will-Serve letter in place demonstrating level of service.</p> <p>The project's use of recycled water shall be tertiary-treated water from OWD And shall comply with California Water Code section 13523 and California Code of Regulations Title 22 and Title 17, Division1, Chapter 5.</p>	<p>No later than 60 days prior to the connection to the OWD recycled water pipeline, the project owner shall submit a copy of the executed agreement for the long-term supply and delivery of tertiary treated recycled water to the PPEC. The agreement shall specify all terms and costs for the delivery and use of recycled water by the PPEC. If OWD does not enter into such agreements, no later than 60 days prior to the connection to the OWD recycled water pipeline, the project owner shall provide the CPM a copy of a Will-Serve letter from OWD that demonstrates the level of service that OWD will provide recycled water to PPEC. The Will-Serve letter shall specify the costs associated with the delivery and the use of recycled water by the PPEC.</p> <p>No later than 30 days prior to delivery of recycled water to the PPEC project, the PPEC owner shall submit to the CPM documentation from OWD that all connections and systems designed for recycled water conveyance meet OWD requirements.</p> <p>The project owner shall submit any notice of a regulatory inspection and/or violations from the California Department of Health, San Diego Regional Water Quality Control Board, or Otay Water District to the CPM within 10 days of receipt and fully explain the corrective actions taken in the next monthly compliance report or annual compliance report.</p>	TBD			

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
SOIL&WATER-09	CON/OP	The project owner shall comply with the requirements of the city of San Diego's Municipal Code 64.0500 – 64.0520. The Trucked Industrial Waste Generator Permit shall clearly specify the discharge limits set by the city of San Diego on the wastewater discharge of the project and any other conditions imposed. During operation, any monitoring reports provided to the city of San Diego shall be provided to the CPM. The CPM shall be notified of any violations of discharge limits or amounts. An annual summary of industrial wastewater discharge shall be submitted to the CPM in the annual compliance report.	<p>No later than 60 days prior to commercial operation, the project owner shall submit the information and data required to satisfy the city of San Diego's Municipal Code 64.0500 – 64.0520 for a Trucked Industrial Waste Generator Permit to the city of San Diego's Industrial Wastewater Control Program for review and approval, and a copy to the CPM. Written verification from the city of San Diego that a permit does not apply and the reasons for exclusion can be used to satisfy this condition.</p> <p>During operations, the project owner shall submit any water quality monitoring required by the city of San Diego to the CPM in the annual compliance report. The project owner shall submit any notice of violations from the city of San Diego to the CPM within 10 days of receipt and fully explain the corrective actions taken in the annual compliance report.</p> <p>The project owner shall submit an industrial wastewater discharge summary report to the CPM in the annual compliance report for the life of the project operation. The report shall include the average TDS concentration, monthly range, monthly average, daily maximum within each month, and annual discharge by the project. After the first year and for subsequent years, this information shall also include the yearly range and yearly average discharged by the project.</p>	Annually	11/20/18	9/6/16	Approved/ Open
SOIL&WATER-10	CON	If reclaimed water is not available and potable water will be used at plant start-up for cooling and process water, the project owner shall make a one-time pre-payment of \$425,000 for implementation of a Water Conservation Plan (WCP). The WCP shall propose one or more recipients of the funds to be used to conserve potable water in the region. At the time of submission of the WCP, the project owner shall identify whether reclaimed water has been made available and will be used for power plant cooling and process water needs. The project owner shall provide a WCP to the CPM for review and approval...	The project owner shall submit the Water Conservation Plan to the CPM for review and approval 90 days before the commencement of commissioning activities. The one-time payment of \$425,000 shall be made to the designated recipient entity for water conservation programs within 30 days of the CPM's approval of the Water Conservation Plan. Proof of such payment shall be provided to the CPM within 15 days of the date of payment.	NA	Extension Granted to OWD 7/12/19	CEC Approved Extension 8/26/19	Complete
TLSN-03	OP	The project owner shall ensure that the rights-of-way of the proposed transmission lines are kept free of combustible material, as required under the provisions of Section 4292 of the Public Resources Code and Section 1250 of Title 14 of the California Code of Regulations.	During the first five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way of each line and provide such summaries in the Annual Compliance Report.	Annually	11/20/18		On-going
TRANS-05	CON/OP	Transportation of Hazardous Materials  The project owner shall contract with licensed hazardous material delivery and waste hauler companies in order to obtain the necessary permits and/or licenses from the California Highway Patrol, Caltrans District 11, and any relevant local jurisdictions for the transportation of hazardous materials. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	In the Monthly Compliance Reports (MCRs) during construction and the Annual Reports during operation, the owner shall provide copies of all permits/licenses obtained for the transportation of hazardous substances.	Annually	11/20/18		On-going

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>VIS-01 (1 of 2)</b>	CON/OP	<p>The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion by blending with the landscape or by providing architectural interest; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. Surface color treatment shall include painting of turbine generators, stacks, dry and wet cooling structures, tanks and other features in an earth tone color and value to match the surrounding hillsides and complement the existing OMGP. The transmission line poles and conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. The project owner shall submit, for CPM review and approval, a specific surface treatment plan that will satisfy these requirements. The treatment plan shall include:</p> <p>a.) A description of the overall rationale for the proposed surface treatment, including the selection of the proposed color(s) and finishes;</p> <p>b.) A list of each major project structure, building, tank, pipe, and wall; and fencing, specifying the color(s) and finish proposed for each. Colors must be identified by vendor, name, finish and number; or according to a universal designation system;</p> <p>c.) One set of 11" x 17" color photo simulations at life size scale of the treatment proposed for use on project structures, including structures treated during manufacture, from a representative point of view (Key Observation Point 4-location shown on Visual Resources Figure 5 of the Staff Assessment) or color-rendered elevation drawings on 18" x 24" minimum sheet size;</p>	<p>At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture, the project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the County of San Diego or responsible jurisdiction for review and comment. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.</p> <p>Prior to the start of commercial operation, the project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and are ready for inspection and shall submit one set of electronic color photographs from the same key observation point identified in (c) above.</p> <p>The project owner shall provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a) the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.</p>	Annually	11/20/18	11/10/16	Approved/ Open
<b>VIS-01 (2 of 2)</b>	CON/OP	<p>d.) Color samples on color card or painted steel;</p> <p>e.) A specific schedule for completion of the treatment; and</p> <p>f.) A procedure to ensure proper treatment maintenance for the life of the project.</p> <p>The project owner shall not specify to the vendors the treatment of any buildings or structures treated during manufacture, or perform the final treatment on any buildings or structures treated in the field, until the project owner receives notification of approval of the treatment plan by the CPM. Subsequent modifications to the treatment plan are prohibited without CPM approval.</p>		Annually	11/20/18	11/10/16	Approved/ Open



**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>VIS-02 (1 of 3)</b>	CON/OP	<p>The project owner shall provide landscaping that reduces the visibility of the power plant structures and is in accordance with local policies. Trees and other vegetation shall be placed along the facility boundaries, in conformance with the Conceptual Landscape Plan, Figure 6 in the Staff Assessment. In addition, the project owner shall provide screening plantings along the property border with APN 648-040-46, the construction laydown area, upon completion of the construction phase. The objective shall be to create landscape screening of sufficient density and height to screen the power plant structures to the greatest feasible extent within the shortest feasible time from the adjacent property. Landscape plantings and other elements must meet the requirements of the Otay Mesa Specific Plan.</p> <p>The landscape plan shall also include the permanent perimeter fencing. The Conceptual Landscape Plan (Figure 6 in the Staff Assessment) includes six-foot chain link fencing. All chain link fencing shall include neutral-colored privacy slats to screen views of the interior. Concertina razor wire or similar security obstacles shall only be installed on the interiors of the fencing and shall not be visible from the exterior.</p> <p>The project owner shall submit to the CPM for review and approval, and simultaneously to the County of San Diego for review and comment, a Landscape Documentation Package whose proper implementation will satisfy these requirements and the requirements of the Water Conservation in Landscaping Ordinance. The plan shall include:</p>	<p>The landscaping plan shall be submitted to the CPM for review and approval and simultaneously to the County of San Diego for review and comment at least 90 days prior to installation. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM and simultaneously to the County of San Diego a revised plan for review and approval by the CPM. The submittal shall include three printed sets of full-size plans (not to exceed 24" x 36"), three sets of 11" x 17" reductions and a digital copy in PDF format.</p> <p>Planting must occur during the first optimal planting season following site construction. The project owner shall simultaneously notify the CPM and the County of San Diego within seven days after completing installation of the landscape plan that the site is ready for inspection. A report to the CPM, equivalent to the County of San Diego's Certificate of Completion Package in Title 8, Division 6, Chapter 7, shall be submitted in conjunction with the inspection.</p> <p>The project owner shall report landscape maintenance activities, including replacement of dead or dying vegetation, for the previous year of operation in each Annual Compliance Report.</p>	7/6/18 / Annually	11/20/18	7/12/18	Approved/ Open
<b>VIS-02 (2 of 3)</b>	CON/OP	<p>a.) a detailed Landscape Design Plan, at a reasonable scale (1"=40' maximum). The plan shall demonstrate how the requirements stated above shall be met. The plan shall provide a detailed installation schedule demonstrating installation of as much of the landscaping as early in the construction process as is feasible in coordination with project construction. The Landscape Design Plan shall include a Planting Plan with Plant List (prepared by a qualified landscape architect familiar with local growing conditions) of proposed species, specifying installation sizes, growth rates, expected time to maturity, expected size at five years and at maturity, spacing, number, availability, and a discussion of the suitability of the plants for the site conditions and mitigation objectives, with the objective of providing the widest possible range of species from which to choose; specifications for groundcover, top-dressing of planting areas and weed abatement measures. Existing trees (if any) shall be noted on the Landscape Plan. The Landscape Design Plan shall specify all materials to be used for interior roads, walks, parking areas and hardscape materials (i.e. gravel) to be placed in areas that are not paved or planted, and exterior fencing or walls.</p> <p>b.) an Irrigation Plan in compliance with the Water Conservation in Landscaping Ordinance. The plan shall include the following: complete Irrigation Design Plan, specifying system components and locations, and shall include the Water Efficient Landscape Worksheet.</p> <p>c.) maintenance procedures, including any needed temporary irrigation for hydro-</p>		7/6/18 / Annually	11/20/18	7/12/18	Approved/ Open

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>VIS-02</b> <b>(3 of 3)</b>	CON/OP	<p>d.) a procedure for monitoring and replacement of unsuccessful plantings for the life of the project.</p> <p>e.) Construction activities which disturb or remove portions of the OMGP existing landscaping shall require a landscape and irrigation plan package be submitted to specify the repair and or replacement of the existing landscape elements at OMGP (trees, shrubs, groundcover and other structures such as fences and walls) for review by County of San Diego DPLU and the CPM to assure conformance to the current LORS and the OMGP original conditions of certification.</p> <p>The plan shall not be implemented until the project owner receives final approval from the CPM.</p>		7/6/18 / Annually	11/20/18	7/12/18	Approved/ Open
<b>WASTE-05</b>	PRE- CON/OP	The project owner shall obtain a hazardous waste generator identification number from the United States Environmental Protection Agency prior to generating any hazardous waste during construction and operations.	Prior to the generation of construction and operation hazardous waste, the project owner shall provide documentation of the hazardous waste generation identification number to the CPM in the next scheduled Monthly Compliance Report. Submittal of the notification and issued number documentation to the CPM is only needed once unless there is a change in ownership, operation, waste generation, or waste characteristics that requires a new notification to U.S. EPA. Documentation of any new or revised hazardous waste generation notifications or changes in identification number shall be provided to the CPM in the next scheduled compliance report.	9/1/16	3/11/14	3/26/14	Approved/ As Necessary
<b>WASTE-06</b> <b>(1 of 2)</b>	CON/OP	<p>The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the following:</p> <ul style="list-style-type: none"> <li>• A detailed description of all operation and maintenance waste streams, including projections of amounts to be generated, frequency of generation, and waste hazard classifications;</li> <li>• Management methods to be used for each waste stream, including temporary on-site storage, housekeeping and best management practices to be employed, treatment methods and companies providing treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans;</li> <li>• Information and summary records of conversations with the local Certified Unified Program Agency and the Department of Toxic Substances Control regarding any waste management requirements necessary for project activities. Copies of all required waste management permits, notices, and/or authorizations shall be included in the plan and updated as necessary;</li> <li>• A detailed description of how facility wastes will be managed and any contingency</li> </ul>	The project owner shall submit the Operation Waste Management Plan to the CPM for approval no less than 30 days prior to the start of project operation. The project owner shall submit any required revisions to the CPM within 20 days of notification from the CPM that revisions are necessary.	7/15/2016 Annually	11/20/18	6/23/16	Approved/ Open

**Pio Pico Energy Center (11-AFC-01C)**  
**Compliance Matrix**

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Due Date	Date Submitted	Date of Approval	Status
<b>WASTE-06 (2 of 2)</b>	CON/OP	<ul style="list-style-type: none"> <li>A detailed description of how facility wastes will be managed and disposed of upon closure of the facility.</li> <li>The project owner shall also document in each Annual Compliance Report the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan, as necessary, to address current waste generation and management practices.</li> </ul>		7/15/2016 Annually	11/20/18	6/23/16	Approved/ Open
<b>WASTE-07</b>	CON/OP	The project owner shall ensure that all spills or releases of hazardous substances, hazardous materials, or hazardous waste are documented and cleaned up and that wastes generated from the release/spill are properly managed and disposed of, in accordance with all applicable federal, state, and local requirements. The project owner shall document management of all unauthorized releases and spills of hazardous substances, hazardous materials, or hazardous wastes that are in excess of U.S. EPA's reportable quantities (RQ), that occur on the project property or related linear facilities during construction and on the property during operation. The documentation shall include, at a minimum, the following information: location of release; date and time of release; reason for release; volume released; how release was managed and material cleaned up; amount of contaminated soil and/or cleanup wastes generated; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	A copy of the unauthorized release/spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	As Necessary			As Necessary
<b>WASTE-08</b>	CON/OP	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 way project-related wastes are managed.	As Necessary			As Necessary

## **Attachment 2: List of Hazardous Materials**

## Pio Pico Energy Center (11-AFC-01C)

### Update to Hazardous Materials Appendix B Table-1

#### Usage and Storage During Operation

Materials	Hazardous Characteristic	Purpose	Storage Location	Maximum Quantity Stored	Storage Type
Aqueous Ammonia ([19%] NH <sub>4</sub> OH)	Reactivity, toxicity	Oxides of nitrogen (NO <sub>x</sub> ) emissions control	Selective catalytic reduction unit	20,000 gal	Aboveground tank
Sulfuric Acid for Station Batteries	Corrosivity, reactivity, toxicity	Combustion turbine, miscellaneous	Electrical/ bldg	100 gal	Battery
Oxygen – Gaseous	Ignitability	CEMS Calibrations	CEMS Shelters	140 cf	Cylinder
Calibration gases in Nitrogen	Toxic	CEMS Calibrations	CEMS Shelters	140 cf	Cylinder
Propane	Flammability	Powered Industrial Truck Fuel	Cylinder Rack	25 gal	Cylinder
Paint	Toxicity	Painting	Hazardous Material Storage Area	100 gal	Can
Transformer Oil	Combustible	Insulator	Transformers	32,000 gal	Self contained with the equipment
Mineral Lube Oil	Combustible	Turbine Lubrication	Turbine MLO Tanks	24,000 gal	Self contained with the equipment
Sodium Hypochlorite	Corrosive, mildly toxic	WSAC bio control	Cooling Tower	1,050 gal	Aboveground tank (polyethylene)
Sodium Bromide	Mild irritant	WSAC bio control	Cooling Tower	250 gal	Aboveground tank (polyethylene)
Non-Oxidizing Biocide	Corrosive	WSAC bio control	Cooling Tower	150 gal	Aboveground tank (polyethylene)
Scale/Corrosion Inhibitor	Corrosive	WSAC scale control	Cooling Tower	1,050 gal	Aboveground tank (polyethylene)
Sulfuric Acid	Corrosive, toxic	WSAC pH control	Cooling Tower	3,050 gal	Aboveground tank (polyethylene)

## Pio Pico Energy Center (11-AFC-01C)

### Additional Hazardous Materials

#### Usage During Operation of EWT

Materials	Hazardous Characteristic	Purpose	Storage Location	Approximate Daily Usage	Maximum Quantity Stored	Storage Type
Sodium Hypochlorite	Corrosive, mildly toxic	Wastewater Treatment	Wastewater Treatment Building		1,050 gal	Polyethylene Aboveground Tank
Sodium Hydroxide	Corrosive, moderately toxic	Wastewater Treatment	Wastewater Treatment Building		550 gal	Polyethylene Aboveground Tank
Sodium Bisulfite	Irritant, mildly toxic	Wastewater Treatment	Wastewater Treatment Building		1,050 gal	Polyethylene Aboveground Tank
Antiscalant	Irritant, mildly toxic	Wastewater Treatment	Wastewater Treatment Building		550 gal	Polyethylene Aboveground Tank
Citric Acid	Irritant, moderately toxic	Wastewater Treatment	Wastewater Treatment Building		550 gal	Polyethylene Aboveground Tank
Non-Oxidizing Biocide	Irritant, toxic	Wastewater Treatment	Wastewater Treatment Building		150 gal	Polyethylene Aboveground Tank
Sulfuric Acid	Corrosive, toxic	Wastewater Treatment	Wastewater Treatment Building		1,550 gal	Polyethylene Aboveground Tank
Coagulant	Corrosive	Wastewater Treatment	Wastewater Treatment Building		250 gal	Polyethylene Aboveground Tank
Polymer	Irritant, moderately toxic	Wastewater Treatment	Wastewater Treatment Building		350 gal	Tote
Clean in Place with Sodium Hydroxide	Corrosive, Irritant	Wastewater Treatment	Wastewater Treatment Building		55 gal	Polyethylene Drum
Clean in Place with Sulfamic Acid	Corrosive, Irritant	Wastewater Treatment	Wastewater Treatment Building		55 gal	Polyethylene Drum
Closed Loop Corrosion Inhibitor	Toxic, Irritant	Wastewater Treatment	Wastewater Treatment Building		55 gal	Polyethylene Drum
Lime	Corrosive, toxic	Wastewater Treatment	Wastewater Treatment Building		3 supersack holds max 2 ton of dry chemical	bulk bag/supersack
Soda Ash	Irritant, moderately toxic	Wastewater Treatment	Wastewater Treatment Building		3 supersack holds max 2 ton of dry chemical	bulk bag/supersack

## **Attachment 3: Waste Management**

Waste Stream	Waste Type	Manifest #	Shipment Date	Quantity	Unit Wt/Vol	Disposal
<b>Hazardous Waste</b>						
Oil	Non-RCRA	BOL# 18182442	11/28/2018	150	Gal	Recycled - Milk Run
	Non-RCRA	BOL: 18204763	3/5/2019	108	Gal	Recycled - Milk Run
	Non-RCRA	BOL: 18183579	7/9/2019	120	Gal	Recycled - Milk Run
Oily Debris	Non-RCRA	16845443	11/28/2018	90	Pounds	Storage Bulking or Transfer Offsite
	Non-RCRA	18584344	5/10/2019	400	Pounds	Landfill or surface impoundment
	Non-RCRA	21208180	10/28/2019	250	Pounds	Landfill or surface impoundment
Oil Filters	Non-RCRA	16845443	11/28/2018	270	Pounds	Recycled
	Non-RCRA	18584344	5/10/2019	-----	Pounds	Landfill or surface impoundment
	Non-RCRA	21208180	10/28/2019	550	Pounds	Landfill or surface impoundment
Ammonia Spill Debris	Non-RCRA	16845443	11/28/2018	10	Pounds	Storage Bulking or Transfer Offsite
Biocide Spill Debris	Non-RCRA	16845443	11/28/2018	10	Pounds	Storage Bulking or Transfer Offsite
Calcified Water Treatment Residue	Non-RCRA	18584345	5/10/2019	80	Pounds	Landfill or surface impoundment
Soda Ash spill cleanup	Non-RCRA	18584345	5/10/2019	80	Pounds	Landfill or surface impoundment
Soda Ash spill cleanup	Non-RCRA	18584345	5/10/2019	80	Pounds	Landfill or surface impoundment
Sodium Hydroxide and Biocide cleanup	Non-RCRA	18584345	5/10/2019	5	Pounds	Landfill or surface impoundment
<b>Universal Waste</b>						
Flourescent Lights	Universal Waste	BOL: 122306-051019	5/10/2019	55	Pounds	Recycled
Batteries, Lead Acid	Universal Waste	Inv: 1921701012985	6/14/2019	1	Each	Recycled

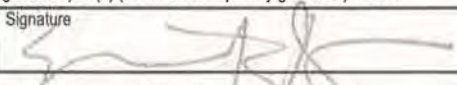
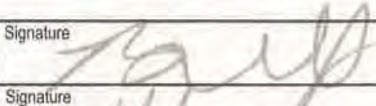
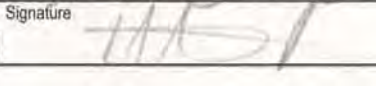
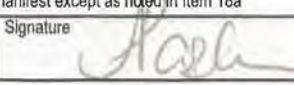


UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number	
		CAL000419103	1	800 337-7485	016845443 JJK	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
PIO PICO ENERGY CENTER, LLC 7363 CALZADA DE LA FUENTE SAN DIEGO CA 92164		Alt. Sterling Ross				
Generator's Phone: 619 528-7848						
6. Transporter 1 Company Name		U.S. EPA ID Number				
NRC ENVIRONMENTAL SERVICES		CAR000030114				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
CROSBY & OVERTON 1630 W. 17th STREET LONG BEACH CA 90813		CAD023408018				
Facility's Phone: 562 432-5445						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. Non-RCRA Hazardous Waste, Solid (Oil Rags/Pads/Debris)	001	DM	90	P	352
	2. Non-RCRA Hazardous Waste, Solid (Used Oil Filters)	003	DM	270	P	352
	3. Non-RCRA Hazardous Waste, Solid (Spill Debris w/ Ammonium)	001	DF	10	P	181
	4. Non-RCRA Hazardous Waste, Solid (Spill Debris w/ Biocide)	001	DF	10	P	352
14. Special Handling Instructions and Additional Information						
1. 102109 1x55DM 3. 110362 1x5DF 2. 102159 2x85DM, 1x55DM 4. 110361 1x5DF WPC Project/P.O./Job #: 122305 D165992 Wear PPE when Handling						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offero's Printed/Typed Name		Signature		Month	Day	Year
Frank Aguilar				11	28	18
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name		Signature		Month	Day	Year
Benjamin Martinez				11	28	18
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						
Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H1141 2. H1141 3. H1141 4. H1141						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month	Day	Year
Tony Pham				11	28	18



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number	
		CAL000419103	1	800 337-7455	018584344 JJK	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
PIO PICO ENERGY CENTER, LLC 7363 CALZADA DE LA FUENTE SAN DIEGO CA 92154		Att: Sterling Ross				
Generator's Phone: 619 628-2849						
6. Transporter 1 Company Name		U.S. EPA ID Number				
NRC ENVIRONMENTAL SERVICES		CAR000030114				
7. Transporter 2 Company Name		U.S. EPA ID Number				
ADVANCED CHEMICAL TRANSPORT, INC. / DBA ACT Enviro		CAR000070540				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
ADVANCED CHEMICAL TREATMENT, INC. 8133 EDITH BOULEVARD NE ALBUQUERQUE NM 87107		NMD002208027				
Facility's Phone: 505 349-5220						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1.	Non-RCRA Hazardous Waste, Solid (Oily Rags/Debris/Filters)	004	DM	400	P	352
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information						
1. ACT 99873 2x55DM, 2x85DM NRC Project/P.O./Job #: 322004134322 ACT W016204803 0244557 Wear PPE When Handling						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name		Signature			Month	Day Year
Sterling Ross					05	01 09
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name		Signature			Month	Day Year
Benjamin Martinez					05	01 09
Transporter 2 Printed/Typed Name		Signature			Month	Day Year
HUBERTO GONZALEZ					05	17 09
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H-11 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature			Month	Day Year
Frank Martinez					06	04 19



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000410103</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>800.337-7455</b>	4. Manifest Tracking Number <b>018584345 JJK</b>	
5. Generator's Name and Mailing Address <b>PIO PICO ENERGY CENTER, LLC 7863 CALZADA DE LA FUENTE SAN DIEGO CA 92154</b>			Generator's Site Address (if different than mailing address) <b>Alt Sterling Ross</b>			
Generator's Phone: <b>619 628-2848</b>						
6. Transporter 1 Company Name <b>NRC ENVIRONMENTAL SERVICES</b>			U.S. EPA ID Number <b>CAR000030114</b>			
7. Transporter 2 Company Name <b>ADVANCED CHEMICAL TRANSPORT, INC. / DBA ACTenviro</b>			U.S. EPA ID Number <b>CAR000070540</b>			
8. Designated Facility Name and Site Address <b>US ECOLOGY NEVADA HIGHWAY 95, 11 MILES SOUTH OF BEATTY BEATTY NV 89003</b>			U.S. EPA ID Number <b>NVT330010000</b>			
Facility's Phone: <b>800 239-3843</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. Non-RCRA Hazardous Waste, Solid (Soda Ash/Debris)	003	DF	240	P	181
	2. Non-RCRA Hazardous Waste, Solid (Sodium hydroxide contaminated Rag/Pack)	001	DF	005	P	181
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>1. 070128300-28502 3x300P 2. 070128300-28500 1x50P HRC Project/P.O./Job #: 122206 134322 ACT WO#204803 D244556 Wear PPE When Handling</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Sterling Ross</b>		Signature 			Month Day Year <b>05 10 19</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Benjamin Martinez</b>		Signature 			Month Day Year <b>05 10 19</b>	
Transporter 2 Printed/Typed Name <b>Humberto Gonzalez</b>		Signature 			Month Day Year <b>5 17 19</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year ____
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2. <b>H132</b>		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Amber Park</b>		Signature 			Month Day Year <b>5 3 19</b>	

Please print or type.

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000419103</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>888-785-7225</b>	4. Manifest Tracking Number <b>021208180 JJK</b>		
5. Generator's Name and Mailing Address <b>Plo Pico Energy Center LLC</b> <b>7363 Calzada de la Fuente</b> <b>San Diego, CA 92154</b> Generator's Phone: <b>619-209-9349</b>				Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name <b>Advanced Chemical Transport Inc./DBA ACTermro</b>				U.S. EPA ID Number <b>CAR000070540</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>US Ecology Nevada, Inc</b> <b>PO Box 578, Hwy 96, 11 Miles S Beatty</b> <b>Beatty, NV 89003</b> Facility's Phone: <b>775-553-2203</b>				U.S. EPA ID Number <b>NVT330010000</b>			
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <b>Non-RCRA Hazardous Waste Solid (OIL CONTAMINATED RAGS/ DEBRIS/ FILTERS)</b>	1	CF	258	P	352
		2. <b>Non-RCRA Hazardous Waste Solid (OIL CONTAMINATED RAGS/ DEBRIS/ FILTERS)</b>		DM	350		
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>Project Number 223880 Document #: D287408</b> <b>1) 070128300-28501 PU- 09/18/04</b>							
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Franklin Brown</b>				Signature <i>[Signature]</i>		Month Day Year <b>11 11 19</b>	
<b>TRANSPORTER INT'L</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	17. Transporter Acknowledgment of Receipt of Materials						
<b>TRANSPORTER</b>	Transporter 1 Printed/Typed Name <b>Steve Jordan</b>		Signature <i>[Signature]</i>		Month Day Year <b>11 28 15</b>		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
<b>DESIGNATED FACILITY</b>	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone:						
<b>DESIGNATED FACILITY</b>	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	







TO: SERVICE CALL  
800-974-4495

FROM: ACCOUNT MANAGER  
800-974-4495

SERVICE ORDER  
ASBURY ENVIRONMENTAL SERVICES, DBA

WWW.WORLDOILCORP.COM  
SERVICE ORDER NO  
3556783



ENVIRONMENTAL SERVICES

1300 SOUTH SANTA FE COMPTON, CA 90221  
1-800-974-4495

PIO PICO ENERGY CENTER LLC  
7363 CALZADA DE LA FUENTE

SAN DIEGO, CA 92154  
(619) 618-2849

WWW.WORLDOILCORP.COM  
TRANSPORTER EPA # CAD028277036

7363 CALZADA DE LA FUENTE

SAN DIEGO, CA 92154  
(619) 618-2849

CUSTOMER #	PURCHASE ORDER #	ROUTE #	TRUCK #	CONTACT NAME	ORDER TAKEN BY	HALIDES
PIO101		SANWO-40	408 F34	STERLIN ROSS	SCHEDULED-I	
DATE REQUIRED	DATE ENTERED	NEXT SERVICE DATE	CUSTOMER EPA #	BILL of LADING/ MANIFEST #		
5/27/2019	5/23/2019		CAL000419103	018183579JJE		

PART #	DESCRIPTION	QTY	UNIT PRICE	QTY P/U	TOTAL
WOSC	USED OIL SERVICE CHARGE	1	\$85.00		\$85.00
WO	USED OIL / MIXED OILS	108	\$0.00	120	\$0.00
BATCH #					
				TOTAL	

CASH REC'D: \_\_\_\_\_ CHECK # \_\_\_\_\_

WASTE DISPOSAL INFORMATION

NON-RCRA HAZARDOUS WASTE, LIQUID (USED OIL/MIXED OILS) STATE CODE 221  
NON-RCRA HAZARDOUS WASTE, LIQUID (ETHYLENE GLYCOL SOLUTIONS) STATE CODE \_\_\_\_\_  
OTHER: \_\_\_\_\_  
DESIGNATED TSDF: \_\_\_\_\_  
ALTERNATE TSDF: \_\_\_\_\_  
Cross Streets: \_\_\_\_\_ Account Manager: Chad Meyer  
RUMS P/U: \_\_\_\_\_ EMPTY DRUMS: \_\_\_\_\_ FACILITY: \_\_\_\_\_ BSC \_\_\_\_\_

GENERATOR WASTE CERTIFICATION (PLEASE CHECK THE APPROPRIATE BOX)

By signing below I hereby certify that:  
(Waste oil generator/customer MUST check ONE of the following three boxes)  
☒ #1 I have not mixed any of the waste described above with any other hazardous waste, the total halide content is LESS than 1,000 ppm, and the waste does not contain any PCBs. I have complied with the requirements of the applicable California used oil management regulations to determine this is true. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect  
☒ #2 I have not mixed any of the waste described above with any other hazardous waste, the total halide content is GREATER than 1,000 ppm, and the waste does not contain any PCBs. I have provided proper documentation to World Oil Environmental Services to rebut the presumption that this waste was mixed with other hazardous waste. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect  
☐ #3 This waste is from a tank which collects waste oil from household "do-it-yourself" (DIY) and/or conditionally exempt small quantity generator (CESQG) sources. To the best of my knowledge, the only waste oil contained in my DIY/ CESQG collection tank is solely from DIY and/or CESQG sources. I have not mixed this waste oil with any other hazardous waste or waste oil from other sources. I agree to accept the additional charges for disposal of this waste if the information I have provided about this waste is incorrect

(All generators/ customers MUST read the following text

I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human life and the environment.

This individual signing in the space set forth below on behalf of customer represents and warrants that he/she has the authority to bind customer, that the foregoing descriptions of waste and materials are true and accurate as packaged, marked, and labeled, are ready for transportation in accordance with applicable state and federal regulations, and that customer shall abide by the Standard Terms and Conditions on the reverse side of this Service Order.

Service Orders with an associated hazardous waste manifest (either site specific or consolidated) are subject to an EPA Fee. These fees cover the EPA pass-through fee and administration of the eManifest program. These fees vary based on Manifest type. Applicable fees will appear on your billing invoice.

Customer Signature:   
Date: 7/9/19  
Print Name: Sterling Ross

Driver Signature:   
Date: 7/9/19  
Print Driver Name: Guillermo Trigueros



FOR SERVICE CALL:  
1-800-974-4495

FOR ACCOUNTING CALL:  
562-231-1550

SERVICE ORDER  
ASBURY ENVIRONMENTAL SERVICES, DBA

FORM NO. WOES004-A (8/18)

SERVICE ORDER NO.

3550783



ENVIRONMENTAL SERVICES™

1300 SOUTH SANTA FE COMPTON, CA 90221  
1-800-974-4495

WWW.WORLDOILCORP.COM  
TRANSPORTER EPA # CAD028277036

7383 CALZADA DE LA FUENTE

SAN DIEGO CA 92154  
(619) 618-2849

SHIPPED TO

PJO PJO ENERGY CENTER LLC  
7383 CALZADA DE LA FUENTE

SAN DIEGO CA 92154  
(619) 618-2849

CUSTOMER #	PURCHASE ORDER #	ROUTE #	TRUCK #	CONTACT NAME	ORDER TAKEN BY	HALIDES
PJO101		SMWO-40	T3	STERLIN ROSS	SCHEDULED	
DATE REQUIRED	DATE ENTERED	NEXT SERVICE DATE	CUSTOMER EPA #	BILL of LADING/ MANIFEST #		
5/27/2019	5/23/2019		CAL000419103	018163577514		

PART #	DESCRIPTION	QTY	UNIT PRICE	QTY P/U	TOTAL
WOSC	USED OIL SERVICE CHARGE	1	\$85.00		\$85.00
WO	USED OIL / MIXED OILS	108	\$0.00	120	\$0.00
BATCH #					
				TOTAL	

CASH REC'D: \_\_\_\_\_ CHECK # \_\_\_\_\_

WASTE DISPOSAL INFORMATION

☒ NON-RCRA HAZARDOUS WASTE, LIQUID (USED OIL/MIXED OILS)  
☐ NON-RCRA HAZARDOUS WASTE, LIQUID (ETHYLENE GLYCOL SOLUTIONS)  
☐ OTHER:  
☐ DESIGNATED TSDF:  
☐ ALTERNATE TSDF:

STATE CODE 221  
STATE CODE \_\_\_\_\_

Cross Streets

Account Manager: Chad Meyer

DRUMS P/U: \_\_\_\_\_ EMPTY DRUMS: \_\_\_\_\_ FACILITY: \_\_\_\_\_ BSC \_\_\_\_\_

GENERATOR WASTE CERTIFICATION (PLEASE CHECK THE APPROPRIATE BOX)

By signing below I hereby certify that:

(Waste oil generator/customer MUST check ONE of the following three boxes)

☒ #1) I have not mixed any of the waste described above with any other hazardous waste, the total halide content is LESS than 1,000 ppm, and the waste does not contain any PCBs. I have complied with the requirements of the applicable California used oil management regulations to determine this is true. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect.

☐ #2) I have not mixed any of the waste described above with any other hazardous waste, the total halide content is GREATER than 1,000 ppm, and the waste does not contain any PCBs. I have provided proper documentation to World Oil Environmental Services to rebut the presumption that this waste was mixed with other hazardous waste. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect.

☐ #3) This waste is from a tank which collects waste oil from household "do-it-yourself" (DIY) and/or conditionally exempt small quantity generator (CESQG) sources. To the best of my knowledge, the only waste oil contained in my DIY/ CESQG collection tank is solely from DIY and/or CESQG sources. I have not mixed this waste oil with any other hazardous waste or waste oil from other sources. I agree to accept the additional charges for disposal of this waste if the information I have provided about this waste is incorrect.

(All generators/ customers MUST read the following text

I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human life and the environment.

This individual signing in the space set forth below on behalf of customer represents and warrants that he/she has the authority to bind customer, that the foregoing descriptions of waste and materials are true and accurate as packaged, marked, and labeled, are ready for transportation in accordance with applicable state and federal regulations, and that customer shall abide by the Standard Terms and Conditions on the reverse side of this Service Order.

Service Orders with an associated hazardous waste manifest (either site specific or consolidated) are subject to an EPA Fee. These fees cover the EPA pass-through fee and administration of the eManifest program. These fees vary based on Manifest type. Applicable fees will appear on your billing invoice.

Customer Signature

Date

Driver Signature

Date

Print Name

Print Driver Name



OR SERVICE CALL:

1-800-974-4495

FOR ACCOUNTING CALL

562-231-1550

SERVICE ORDER  
ASBURY ENVIRONMENTAL SERVICES, DBA

FORM NO WOES004-A 11/18

SERVICE ORDER NO.

3443328



WORLD OIL  
ENVIRONMENTAL SERVICES

(300 SOUTH SANTA FE, COMPTON CA 90221)

1-800-974-4495

WWW.WORLDOILCORP.COM

TRANSPORTER EPA # CAD028277036

7363 CALZADA DE LA FUENTE

SAN DIEGO, CA 92154

(619) 313-2349

PO BOX ENERGY CENTER LLC  
7363 CALZADA DE LA FUENTE  
SAN DIEGO, CA 92154  
(619) 313-2349

CUSTOMER #	PURCHASE ORDER #	ROUTE #	TRUCK #	CONTACT NAME	ORDER TAKEN BY	HALIDES
PO BOX		SANNO-40	4007418	STERLIN ROSS	SCHEDULED-I	
DATE REQUIRED	DATE ENTERED	NEXT SERVICE DATE	CUSTOMER EPA #	BILL of LADING/MANIFEST #		
2/15/2019	2/17/2019		CAL000419103	018204763-111		

PART #	DESCRIPTION	QTY	UNIT PRICE	QTY P/U	TOTAL
WOSC	USED OIL SERVICE CHARGE	1	\$95.00		\$95.00
WO	USED OIL MIXED OILS	150	\$0.00	108	\$0.00
BATCH #					
Effective 7/1/2018: Service orders with associated haz waste manifests (site specific/consolidated) are subject to an EPA Fee. Fee cover EPA pass-through fee and administration of the manifest program. Fees vary from \$4 - \$10 based on Manifest type. Applicable fees will appear on your invoice.					
CASH REC'D: CHECK #					

WASTE DISPOSAL INFORMATION	
<input checked="" type="checkbox"/> NON-RCRA HAZARDOUS WASTE, LIQUID (USED OIL/MIXED OILS)	STATE CODE 221
<input type="checkbox"/> NON-RCRA HAZARDOUS WASTE, LIQUID (ETHYLENE GLYCOL SOLUTIONS)	STATE CODE
<input type="checkbox"/> OTHER:	
<input checked="" type="checkbox"/> DESIGNATED TSDF: WORLD OIL RECYCLING, 2000 N. ALAMEDA STREET, COMPTON, CA 90222 (310) 537-7100, CATOR0013352	
<input type="checkbox"/> ALTERNATE TSDF:	
<input type="checkbox"/> Gross Weight	Account Manager: Chad Meyer
DRUMS P/U:	EMPTY DRUMS: FACILITY: BSC:

GENERATOR WASTE CERTIFICATION (PLEASE CHECK THE APPROPRIATE BOX)

By signing below I hereby certify that:

(Waste oil generator/customer MUST check ONE of the following three boxes)

- ☒ #1 I have not mixed any of the waste described above with any other hazardous waste, the total halide content is LESS than 1,000 ppm, and the waste does not contain any PCBs. I have complied with the requirements of the applicable California waste management regulations to determine this is true. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect.
- ☐ #2 I have not mixed any of the waste described above with any other hazardous waste, the total halide content is GREATER than 1,000 ppm, and the waste does not contain any PCBs. I have provided proper documentation to World Oil Environmental Services to rebut the presumption that this waste was mixed with other hazardous waste. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect.
- ☐ #3 This waste is from a tank which collects waste oil from household "do-it-yourself" (DIY) and/or conditionally exempt small quantity generator (CESQG) sources. To the best of my knowledge, the only waste oil contained in my DIY/ CESQG collection tank is solely from DIY and/or CESQG sources. I have not mixed this waste oil with any other hazardous waste or waste oil from other sources. I agree to accept the additional charges for disposal of this waste if the information I have provided about this waste is incorrect.

(All generators/ customers MUST read the following text and check the associated box.)

- ☒ #4 I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human life and the environment; Or, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me that I can afford.

This individual signing in the space set forth below on behalf of Customer represents and warrants that he/she has the authority to bind Customer, that the foregoing descriptions of waste and materials are true and accurate as packaged, marked and labeled, are ready for transportation in accordance with applicable state and federal regulations, and that Customer shall abide and be bound by the Standard Terms and Conditions on the reverse side of this Service Order.

Customer Signature: Sterling Ross  
Date: 3.8.19  
Print Name: Sterling Ross

Driver Signature: Chris B  
Date: 3.8.19  
Print Drivers Name: Chris B



FOR SERVICE CALL:  
1-800-974-4495

FOR ACCOUNTING CALL:  
562-231-1550

SERVICE ORDER  
ASBURY ENVIRONMENTAL SERVICES, DBA



FORM NO. WOES004-A (1/17)

SERVICE ORDER NO.

3446328

WORLD OIL  
ENVIRONMENTAL SERVICES™

1300 SOUTH SANTA FE, COMPTON CA 90221

1-800-974-4495

WWW.WORLDOILCORP.COM

TRANSPORTER EPA # CAD028277036

7363 CALZADA DE LA FUENTE

SAN DIEGO CA 92154

(619) 818-2849

SHIPPED TO  
PIO PICO ENERGY CENTER LLC  
7363 CALZADA DE LA FUENTE  
SAN DIEGO CA 92154  
(619) 818-2849

CUSTOMER #	PURCHASE ORDER #	ROUTE #	TRUCK #	CONTACT NAME	ORDER TAKEN BY	HALIDES
PIO101		SANWO-40	1007-10	TERLIN ROSE	SCHEDULED-1	
DATE REQUIRED	DATE ENTERED	NEXT SERVICE DATE		CUSTOMER EPA #	BILL of LADING/MANIFEST #	
2/15/2019	2/7/2019			CAL000419103	018204763-121	

PART #	DESCRIPTION	QTY	UNIT PRICE	QTY P/U	TOTAL
WOSC	USED OIL SERVICE CHARGE	1	\$85.00		\$85.00
WO	USED OIL / MIXED OILS	150	\$0.00	108	\$0.00
BATCH #					
Effective 7/1/2018: Service orders with associated haz waste manifests (see specific consolidated) are subject to an EPA Fee. Fees cover EPA pass-through fee and administration of the off-site program. Fees vary from \$1 - \$10 based on Manifest type. Applicable fees will appear on your invoice.					TOTAL

CASH REC'D: CHECK #

WASTE DISPOSAL INFORMATION

<input checked="" type="checkbox"/>	NON-RCRA HAZARDOUS WASTE, LIQUID (USED OIL/MIXED OILS)	STATE CODE 221
<input type="checkbox"/>	NON-RCRA HAZARDOUS WASTE, LIQUID (ETHYLENE GLYCOL SOLUTIONS)	STATE CODE
<input type="checkbox"/>	OTHER:	
<input checked="" type="checkbox"/>	DESIGNATED TSDF: WORLD OIL RECYCLING, 2000 N. ALAMEDA STREET, COMPTON, CA 90221 (310) 857-7100, CATH00011363	
<input type="checkbox"/>	ALTERNATE TSDF:	
<input type="checkbox"/>	Cross Streets:	Account Manager: Chad Meyer
DRUMS P/U:	EMPTY DRUMS:	FACILITY: BSC

GENERATOR WASTE CERTIFICATION (PLEASE CHECK THE APPROPRIATE BOX)

By signing below I hereby certify that:

(Waste oil generator/customer MUST check ONE of the following three boxes)

- ☐ #1) I have not mixed any of the waste described above with any other hazardous waste, the total halide content is LESS than 1,000 ppm, and the waste does not contain any PCBs. I have complied with the requirements of the applicable California used oil management regulations to determine this is true. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect.
- ☐ #2) I have not mixed any of the waste described above with any other hazardous waste, the total halide content is GREATER than 1,000 ppm, and the waste does not contain any PCBs. I have provided proper documentation to World Oil Environmental Services to rebut the presumption that this waste was mixed with other hazardous waste. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect.
- ☐ #3) This waste is from a tank which collects waste oil from household "do-it-yourself" (DIY) and/or conditionally exempt small quantity generator (CESQG) sources. To the best of my knowledge, the only waste oil contained in my DIY/ CESQG collection tank is solely from DIY and/or CESQG sources. I have not mixed this waste oil with any other hazardous waste or waste oil from other sources. I agree to accept the additional charges for disposal of this waste if the information I have provided about this waste is incorrect.
- ☐ #4) If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human life and the environment; Or, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me that I can afford.

(All generators/ customers MUST read the following text and check the associated box.)

This individual signing in the space set forth below on behalf of Customer represents and warrants that he/she has the authority to bind Customer, that the foregoing descriptions of waste and materials are true and accurate as packaged, marked and labeled, are ready for transportation in accordance with applicable state and federal regulations, and that Customer shall abide and be bound by the Standard Terms and Conditions on the reverse side of this Service Order.

Customer Signature

Date

Driver Signature

Date

Print Name

Print Drivers Name



## FOR SERVICE CALL:

1-800-974-4495

## FOR ACCOUNTING CALL:

562-231-1550

## SERVICE ORDER

ASBURY ENVIRONMENTAL SERVICES, DBA

FORM NO. WOES004-A (1/17)

SERVICE ORDER NO.

0011254


**WORLD OIL**  
 ENVIRONMENTAL SERVICES™

1300 SOUTH SANTA FE, COMPTON CA 90221

1-800-974-4495

WWW.WORLDOILCORP.COM

TRANSPORTER EPA # CAD028277036

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1300 SOUTH SANTA FE, COMPTON CA 90221

7885 CALZADA DE LA FUENTE

SAN DIEGO CA 92154

(619) 619-2849

7885 CALZADA DE LA FUENTE

SAN DIEGO CA 92154

(619) 619-2849

CUSTOMER #	PURCHASE ORDER #	ROUTE #	TRUCK #	CONTACT NAME	ORDER TAKEN BY	HALIDES
10101	04100340		102 131	STERLIN ROSS	SCHEDULED	
DATE REQUIRED	DATE ENTERED	NEXT SERVICE DATE	CUSTOMER EPA #	BILL of LADING/MANIFEST #		
11/19/2018	11/14/2018		CAL000419103	018182442JJK		

PART #	DESCRIPTION	QTY	UNIT PRICE	QTY P/U	TOTAL
102002	CONCRETE SERVICE CHARGE	1	\$75.00		\$75.00
202	USED OIL / MIXED OILS	30	\$0.00	150	\$0.00
101004					
<small>WORLD OIL OILS - Service orders with assembly/ fleet waste manifests (like spreadsheets) are subject to an EPA fee. Please contact EPA waste management department in the affidavit program. Fees vary from \$1 - \$10 based on manifest type. Applicable rate will be shown.</small>					TOTAL

CASH REC'D: \_\_\_\_\_ CHECK # \_\_\_\_\_

## WASTE DISPOSAL INFORMATION

☒ NON-RCRA HAZARDOUS WASTE, LIQUID (USED OIL/MIXED OILS) STATE CODE 221  
☐ NON-RCRA HAZARDOUS WASTE, LIQUID (ETHYLENE GLYCOL SOLUTIONS) STATE CODE \_\_\_\_\_  
☐ OTHER: \_\_\_\_\_  
☐ DESIGNATED TSDF: \_\_\_\_\_  
☐ ALTERNATE TSDF: \_\_\_\_\_  
☐ \_\_\_\_\_

DRUMS P/U: \_\_\_\_\_ EMPTY DRUMS: \_\_\_\_\_ FACILITY: \_\_\_\_\_ BSC: \_\_\_\_\_

## GENERATOR WASTE CERTIFICATION (PLEASE CHECK THE APPROPRIATE BOX)

By signing below I hereby certify that:

(Waste oil generator/customer MUST check ONE of the following three boxes)

- ☒ #1) I have not mixed any of the waste described above with any other hazardous waste, the total halide content is LESS than 1,000 ppm, and the waste does not contain any PCBs. I have complied with the requirements of the applicable California used oil management regulations to determine this is true. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect
- ☐ #2) I have not mixed any of the waste described above with any other hazardous waste, the total halide content is GREATER than 1,000 ppm, and the waste does not contain any PCBs. I have provided proper documentation to World Oil Environmental Services to rebut the presumption that this waste was mixed with other hazardous waste. I agree to accept the additional charges for the disposal of this waste if the information I have provided about this waste is incorrect
- ☐ #3) This waste is from a tank which collects waste oil from household "do-it-yourself" (DIY) and/or conditionally exempt small quantity generator (CESQG) sources. To the best of my knowledge, the only waste oil contained in my DIY/ CESQG collection tank is solely from DIY and/or CESQG sources. I have not mixed this waste oil with any other hazardous waste or waste oil from other sources. I agree to accept the additional charges for disposal of this waste if the information I have provided about this waste is incorrect

(All generators/ customers MUST read the following text and check the associated box.)

- ☒ #4) If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human life and the environment; Or, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me that I can afford.

This individual signing in the space set forth below on behalf of Customer represents and warrants that he/she has the authority to bind Customer, that the foregoing descriptions of waste and materials are true and accurate as packaged, marked and labeled, are ready for transportation in accordance with applicable state and federal regulations, and that Customer shall abide and be bound by the Standard Terms and Conditions on the reverse side of this Service Order.

Customer Signature

Date

Driver Signature

Date

Print Name

Print Drivers Name



# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper's No. CAL000419103

Carrier's No. CAR000030114

CARRIER: NRCES San Diego

Date 05/10/2019

BOL# 122306-051019

TO :  
Consignee NRC ENVIRONMENTAL SERVICES INC  
Street 2950 KURTZ STREET  
Destination SAN DIEGO CA 92110

FROM :  
Shipper PIO PICO ENERGY CENTER, LLC  
Street 7363 CALZADA DE LA FUENTE  
Destination SAN DIEGO CA 92154

Route:

Vehicle:

Number of Shipping Units	HM	Kind of Packages, Description of Articles IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME	QUANTITY (Subject to Correction)	RATE
001 DF		UNIVERSAL WASTE - Fluorescent Lamps	20 P	
002 CF		UNIVERSAL WASTE - Fluorescent Lamps	10 P	
001 CF		UNIVERSAL WASTE - Non-PCB Light Ballasts	25 P	

1. 1x4' Bulb Barrel
2. 2xBulb Boxes
3. 1xBox

NRC Project/P.O./Job #: 122306

Wear PPE When Handling

RECEIVED, subject to the classification and tariffs in effect on this date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under contract) agrees to carry to its usual place of delivery at said destination, if on its own road or water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed to each carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packed, marked, and labeled/placarded, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: PIO PICO ENERGY CENTER, LLC	CARRIER: NRC ENVIRONMENTAL SERVICES	CONSIGNEE: NRC ENVIRONMENTAL SERVICES, INC.
PER: <i>Sterling Ross</i>	PER: <i>[Signature]</i>	PER:
DATE: 5/10/2019	DATE: 5/10/19	DATE:
EMERGENCY RESPONSE TELEPHONE NUMBER: NRC (800) 337-7455		MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION INCLUDING STORAGE TO

Waste Stream	Waste Type	Manifest #	Shipment Date	Quantity	Unit Wt/Vol	Disposal
Non-Hazardous Waste						
Water Treatment Thickener Tank	Non-Hazardous	122306-021319	2/13/2019	4800	Gal	Landfill
Water Treatment Thickener Tank	Non-Hazardous	122306-022019	2/20/2019	4800	Gal	Landfill
CT Drain Tank	Non-Hazardous	122306-042319	4/23/2019	1500	Gal	TSDf Discharge to Sewer
Water Treatment Thickener Tank	Non-Hazardous	122306-071119	7/11/2019	4800	Gal	Landfill
Water Treatment Thickener Tank	Non-Hazardous	122306-071119-02	7/11/2019	4800	Gal	Landfill

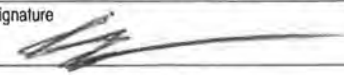
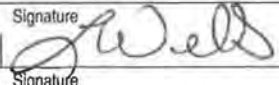

2214

GENERATOR

INT'L



TRANSPORTER

DESIGNATED FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000419103</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 337-7455</b>	4. Waste Tracking Number <b>134322-021319</b>	
5. Generator's Name and Mailing Address <b>PIO PICO ENERGY CENTER, LLC 7363 CALZADA DE LA FUENTE SAN DIEGO CA 92154</b>			Att: Sterling Ross Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>619 618-2849</b>						
6. Transporter 1 Company Name <b>NRC ENVIRONMENTAL SERVICES</b>			U.S. EPA ID Number <b>CAR000030114</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>SOUTH YUMA COUNTY LANDFILL 19536 S. AVENUE 1E YUMA AZ 85365</b>			U.S. EPA ID Number <b>AZR0000506980</b>			
Facility's Phone: <b>928 341-9300</b>						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. Non-Hazardous Waste, Liquid (Sump Washout)		001	TT	4800	G	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information <b>1. C-4280</b>  <b>NRC Project/Job #: 134322</b>  <b>Wear PPE When Handling</b>						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name <b>Shane Arasson</b>			Signature 		Month Day Year <b>2 13 19</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>LARRY WALLS</b>			Signature 		Month Day Year <b>2 13 19</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <b>Esmeralda Bonquez</b>			Signature 		Month Day Year <b>2 14 19</b>	



2214


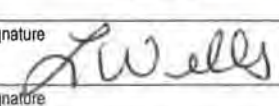
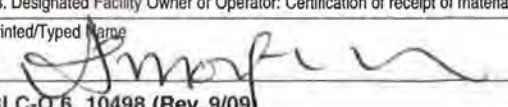
GENERATOR	<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000418103</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 337-7455</b>	4. Waste Tracking Number <b>134322-022019</b>		
	5. Generator's Name and Mailing Address <b>PIO PICO ENERGY CENTER, LLC</b> <b>7383 CALZADA DE LA FUENTE</b> <b>SAN DIEGO CA 92154</b>				Generator's Site Address (if different than mailing address) <b>Att: Sterling Foss</b>			
	Generator's Phone: <b>619 618-2849</b>							
	6. Transporter 1 Company Name <b>NRC ENVIRONMENTAL SERVICES</b>				U.S. EPA ID Number <b>CAR000030114</b>			
	7. Transporter 2 Company Name				U.S. EPA ID Number			
TRANSPORTER	8. Designated Facility Name and Site Address <b>SOUTH YUMA COUNTY LANDFILL</b> <b>13536 S. AVENUE 1E</b> <b>YUMA AZ 85365</b>				U.S. EPA ID Number <b>AZR0000506980</b>			
	Facility's Phone: <b>928 341-9300</b>							
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
			No.	Type				
	1. Non-Hazardous Waste, Liquid (Sump Washout)		001	1T	4800	G		
DESIGNATED FACILITY	2.							
	3.							
	4.							
	13. Special Handling Instructions and Additional Information <b>1. C-4280</b>  <b>NRC Project/P.O./Job #: 134322</b>  <b>Wear PPE When Handling</b>							
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.							
Generator's/Offor's Printed/Typed Name <b>Shane ATKISSON</b>				Signature 		Month Day Year <b>2 20 19</b>		
DESIGNATED FACILITY	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____							
	Transporter Signature (for exports only): _____ Date leaving U.S.: _____							
	16. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <b>LARRY WELLS</b>				Signature 		Month Day Year <b>2 20 19</b>	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
17. Discrepancy								
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
17b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone: _____								
17c. Signature of Alternate Facility (or Generator) Month Day Year								
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
Printed/Typed Name <b>Esmeralda Gonzalez</b>				Signature 		Month Day Year <b>2 21 19</b>		

GENERATOR

INT'L

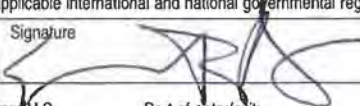
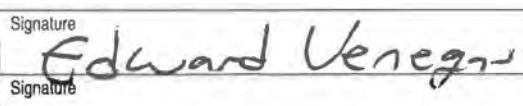
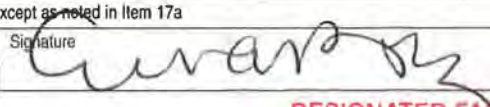
TRANSPORTER

DESIGNATED FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000419103</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 337-7455</b>	4. Waste Tracking Number <b>134322-1042319</b>	
5. Generator's Name and Mailing Address <b>PIO PICO ENERGY CENTER, LLC 7363 CALZADA DE LA FUENTE SAN DIEGO CA 92154</b>			Att: Sterling Ross Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>619 828-2849</b>						
6. Transporter 1 Company Name <b>NRC ENVIRONMENTAL SERVICES</b>			U.S. EPA ID Number <b>CAR000030114</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>CROSBY &amp; OVERTON 1630 W. 17th STREET LONG BEACH CA 90813</b>			U.S. EPA ID Number <b>CAD028409019</b>			
Facility's Phone: <b>562 432-5445</b>						
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
1. Non-Hazardous Waste, Liquid (Sump Washout)			001	TT	1500	G
2.						
3.			<p>THE REFERENCED WASTE WAS RECEIVED AND TREATED TO STANDARDS MANDATED BY THE FEDERAL CLEAN WATER ACT AND EFFLUENT REQUIREMENTS SET FORTH BY THE LOS ANGELES SANITATION DISTRICTS. WASTE TREATMENT IS PERFORMED UNDER PERMITS GRANTED TO OVERTON, INC., BY THE DEPARTMENT OF TOXIC SUBSTANCE CONTROL, TOGETHER WITH THE ENVIRONMENTAL PROTECTION AGENCY IN ACCORDANCE WITH THE PROVISIONS OF THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976 TOGETHER WITH APPLICABLE FEDERAL AND STATE REGULATIONS. CROSBY &amp; OVERTON HAS ALL OF THE NECESSARY PERMITS TO ACCEPT AND HANDLE THE REFERENCED WASTE AND ALL THE WASTE HAS BEEN HANDLED IN ACCORDANCE WITH THE PROVISIONS AS SUCH THAT THE CERTIFICATE OF RESPONSIBILITY HAS BEEN TERMINATED.</p>			
4.						
13. Special Handling Instructions and Additional Information <b>1. 102121</b>			<b>L51420</b> <b>D171712.</b>			
<b>NRC Project/P.O./Job #: 134322</b>			<b>Wear PPE When Handling</b>			
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name <b>Sterling Ross</b>			Signature 		Month Day Year <b>04 23 19</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>LARRY WELLS</b>			Signature 		Month Day Year <b>4 23 19</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)			Month Day Year			
<b>H135</b>						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name 			Signature 		Month Day Year <b>4 23 19</b>	

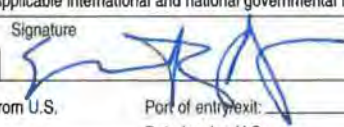
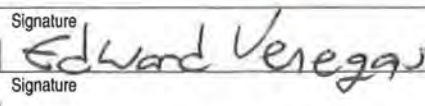
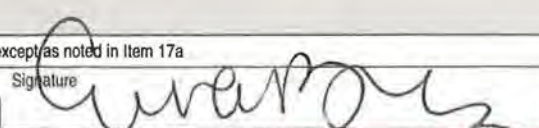


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GENERATOR	<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000419103</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 337-7455</b>	4. Waste Tracking Number <b>134322-071119</b>	
	5. Generator's Name and Mailing Address <b>PIO PICO ENERGY CENTER, LLC 7363 CALZADA DE LA PUENTE SAN DIEGO CA 92154</b>					Att: Sterling Ross Generator's Site Address (if different than mailing address)	
	Generator's Phone: <b>619 616-3343</b>						
	6. Transporter 1 Company Name <b>NRC ENVIRONMENTAL SERVICES</b>					U.S. EPA ID Number <b>CAR000030114</b>	
	7. Transporter 2 Company Name					U.S. EPA ID Number	
TRANSPORTER	8. Designated Facility Name and Site Address <b>SOUTH YUMA COUNTY LANDFILL 13536 S. AVENUE 1E YUMA AZ 85365</b>					U.S. EPA ID Number <b>AZR0000508980</b>	
	Facility's Phone: <b>928 341-3380</b>						
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
			No.	Type			
	1. Non-Hazardous Waste, Liquid (Sumo Washout)		001	TT	4800	G	
DESIGNATED FACILITY	2.						
	3.						
	4.						
	13. Special Handling Instructions and Additional Information <b>1. C-4230</b>  <b>NRC Project/P.O./Job #: 194322</b>  <b>Wear PPE When Handling</b>						
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
DESIGNATED FACILITY	Generator's/Offor's Printed/Typed Name <b>Sterling Ross</b>		Signature 		Month Day Year <b>07 11 19</b>		
	15. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter Signature (for exports only):						
	16. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Edward Venegas</b>		Signature 		Month Day Year <b>7 11 19</b>		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
	17. Discrepancy						
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	17b. Alternate Facility (or Generator) U.S. EPA ID Number						
DESIGNATED FACILITY	Facility's Phone:						
	17c. Signature of Alternate Facility (or Generator) Month Day Year						
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <b>Esmeralda Bonanza</b>		Signature 		Month Day Year <b>7 12 19</b>			



22293/74780

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>CAL000419103</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>(800) 337-7455</b>		4. Waste Tracking Number <b>134322 - 071119 - 02</b>		
		5. Generator's Name and Mailing Address <b>PIO PICO ENERGY CENTER, LLC 7363 CALZADA DE LA FUENTE SAN DIEGO CA 92154</b> Generator's Phone: <b>619 618-2849</b>		Att: Sterling Ross		Generator's Site Address (if different than mailing address)			
<b>GENERATOR</b>		6. Transporter 1 Company Name <b>NRC ENVIRONMENTAL SERVICES</b>					U.S. EPA ID Number <b>CAR000030114</b>		
		7. Transporter 2 Company Name					U.S. EPA ID Number		
<b>DESIGNATED FACILITY</b>		8. Designated Facility Name and Site Address <b>SOUTH YUMA COUNTY LANDFILL 15536 S. AVENUE 1E YUMA AZ 85365</b> Facility's Phone: <b>928 341-9300</b>					U.S. EPA ID Number <b>AZR000506980</b>		
		9. Waste Shipping Name and Description					10. Containers		11. Total Quantity
							No.	Type	
		1. Non-Hazardous Waste, Liquid (Sump Washout)					001	TT	4800 G
		2.							
		3.							
		4.							
<b>INT'L</b>		13. Special Handling Instructions and Additional Information <b>1. C-4280</b>							
		NRC Project/E.O./Job #: 134322 <b>Wear PPE When Handling</b>							
<b>TRANSPORTER</b>		14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.							
		Generator's/Offeror's Printed/Typed Name <b>Sterling Ross</b>					Signature 		Month Day Year <b>07 11 19</b>
		15. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit:      Date leaving U.S.:							
<b>DESIGNATED FACILITY</b>		16. Transporter Acknowledgment of Receipt of Materials							
		Transporter 1 Printed/Typed Name <b>Edward Venegas</b>					Signature 		Month Day Year <b>07 11 19</b>
		Transporter 2 Printed/Typed Name					Signature		Month Day Year
<b>DESIGNATED FACILITY</b>		17. Discrepancy							
		17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
		Manifest Reference Number:							
		17b. Alternate Facility (or Generator)					U.S. EPA ID Number		
		Facility's Phone:							
		17c. Signature of Alternate Facility (or Generator)					Month Day Year		
<b>DESIGNATED FACILITY</b>		18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
		Printed/Typed Name <b>Esmeralda Bonamez</b>					Signature 		Month Day Year <b>7 12 19</b>

**SOUTH YUMA COUNTY LANDFILL**☐ New Profile☒ Renewal**GENERATOR WASTE PROFILE SHEET**

19536 S. AVE 1E, YUMA, ARIZONA 85366

Phone: (928) 341-9300, Fax: (928) 341-8454, Webpage: syclandfill.com

WASTE PROFILE # C-4280

**PLEASE COMPLETE ALL SECTIONS AND FILL IN ALL BLANKS**

DATE: 6/28/2019

**I. GENERATOR INFORMATION**

GENERATOR NAME: PIO PICO ENERGY CENTER, LLC			
GENERATOR SITE ADDRESS: 7363 CALZADA DE LA FUENTE			
CITY: SAN DIEGO	COUNTY: SAN DIEGO	STATE: CA	ZIP: 92154
GENERATOR MAILING ADDRESS: 7363 CALZADA DE LA FUENTE			
CITY: SAN DIEGO	COUNTY: SAN DIEGO	STATE: CA	ZIP: 92154
GENERATOR CONTACT NAME: STERLING ROSS			
PHONE NUMBER: (619) 618-2849	FAX NUMBER:	Email: rossss@southwestgen.com	

**II. TRANSPORTER INFORMATION**

TRANSPORTER NAME: NRC ENVIRONMENTAL SERVICES, INC		Contact Name: LAURA SCOTT	
TRANSPORTER ADDRESS: 2950 KURTZ ST			
CITY: SAN DIEGO	COUNTY: SAN DIEGO	STATE: CA	ZIP: 92110
TRANSPORTER CONTACT NAME: LAURA SCOTT			
PHONE NUMBER: (619) 290-9349	FAX NUMBER:	Email: lascott@nrcc.com	

**III FINANCIAL RESPONSIBILITY (Billing Information)**

NAME OF OWNER, PARTNER(S) OR CORPORATE OFFICER(S)			
NAME: NRC Environmental Services, INC (Laura Scott)	TITLE: Project Manager	CELL#: 619-290-9349	E-MAIL lascott@nrcc.com
BILL ADDRESS: 2950 KURTZ STREET	ADDRESS #2:	CITY SAN DIEGO	ST./ZIP 92110

**IV. WASTE STREAM INFORMATION**

NAME OF WASTE:	SUMP WATER
WASTE DESCRIPTION:	WASTE WATER
PROCESS GENERATING WASTE: Waste Water Treatment / Sump Clean-out / Maintenance	
PHYSICAL STATE: <input type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID (Mixture of solid and liquid) <input checked="" type="checkbox"/> LIQUID (pH= 7.0, Flash Point = _____) <input type="checkbox"/> OTHER:	
METHOD OF SHIPMENT: <input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> TOTES <input type="checkbox"/> OTHER:	
ESTIMATED ANNUAL QUANTITY: 4800 <input type="checkbox"/> CUBIC YARDS <input type="checkbox"/> TONS <input checked="" type="checkbox"/> GALLONS <input type="checkbox"/> OTHER:	
FREQUENCY: <input type="checkbox"/> ONE TIME ONLY <input type="checkbox"/> WEEKLY <input type="checkbox"/> MONTHLY <input checked="" type="checkbox"/> OTHER: Semi-Annually	
ODOR: None	COLOR: Murky
SPECIAL HANDLING INSTRUCTIONS:	

**V. PHYSICAL CHARACTERISTICS OF WASTE**

CHARACTERISTIC COMPONENTS	SOURCE	% BY WEIGHT (RANGE)
1. Water		50-70
2. Soda Ash		5-10
3. Lime		5-10
4. Treatment Sludge (precipitate)		20-30



**VI. BASIS OF DETERMINATION (Check one or both)**

WASTE PROFILE # C-4280

☐ Generator knowledge. The generator has applied knowledge of the hazardous characteristics of the waste in light of the materials or the processes used in generating the waste as described in section IV and consistent with 40 CFR 262.11(c)(2). Attach MSDS sheets, as appropriate.

☒ Analytical data. A "representative sample" as defined in 40 CFR 260.10, collected consistent with 40 CFR 261.20(c) or an equivalent method, has been tested consistent with 40 CFR 262.11(c)(1). Attach results and identify which samples are for waste characterization. Note: Industrial liquid wastes require analytical data. EPA 20x rule for using total concentrations applies to solids only. Semi-solid wastes require TCLP testing.

**VII. WASTE CHARACTERIZATION**

Is there asbestos-containing material in the waste as defined by 40 CFR 61.141? If yes, <input type="checkbox"/> Friable <input type="checkbox"/> Nonfriable	YES	NO
Is the waste petroleum contaminated soil as defined in ARS 49-851 A.3 (excavated soil containing petroleum compounds)?	YES	NO
If yes, is supporting analytical data attached for BTEX compounds (Method 8260) and PAH compounds (Method 8310)? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Is the waste a PCB waste or PCB remediation waste as defined in 40 CFR 761.3?	YES	NO
Does this waste contain radioactive materials (including NORM waste) as defined by ARS 49-701.01(B)(2)?	YES	NO
Is the waste a biohazardous medical waste as defined by AAC R18-13-1401(5)? <b>Treatment certificate required for treated BMW.</b>	YES	NO
Is the waste used oil as defined by 40 CFR 279.1, not subject to an exemption listed in 40 CFR 279.10?	YES	NO
Is this waste generated at a Federal Superfund clean-up site?	YES	NO
Is the waste exempt from hazardous waste regulations as from a source listed in 40 CFR 261.4(b)? Examples include waste from households; fossil fuel combustion waste; oil, gas, and geothermal wastes; mining and mineral processing wastes; trivalent chromium wastes; cement kiln dust; arsenically treated wood; petroleum contaminated media & debris from underground storage tank cleanup; and used oil filters. <b>Identify any hazardous waste exemption:</b>	YES	NO
Has the waste been generated from a common manufacturing or industrial practice listed in 40 CFR 261.31 (F-list)? Examples include spent solvents, wastes from electroplating and metal finishing, dioxin-bearing wastes, chlorinated aliphatic hydrocarbon wastes, certain wood preserving wastes, and petroleum refinery wastewater treatment sludges.	YES	NO
Has the waste been generated from a specific manufacturing or industrial process listed in 40 CFR 261.32 (K-list)? Examples include certain wastes from wood preservation, manufacturing organic, inorganic, and pesticide chemicals, petroleum refining, manufacturing of certain pigments, explosives, iron, steel, aluminum, and primary aluminum production, ink formulation, and coal coking wastes.	YES	NO
Does the waste contain a pure or commercial grade formulation of an unused chemical product listed in 40 CFR 261.33 (P/U lists)?	YES	NO
Does the waste exhibit a characteristic of <u>ignitability</u> as defined by 40 CFR 261.21 (D001)? Examples include liquids with a flashpoint below 140 F, DOT designated oxidizers, and wastes that can spontaneously catch fire under normal handling conditions.	YES	NO
Does the waste exhibit a characteristic of <u>corrosivity</u> as defined by 40 CFR 261.22 (D002)? Generally, pH < 2 or pH > 12.5.	YES	NO
Does the waste exhibit a characteristic of <u>reactivity</u> as defined by 30 CFR 261.23 (D003)? Examples include wastes that can explode, violently react, or generate hazardous fumes, when exposed to water or under normal handling conditions, generate sulfide or cyanide gas when exposed to pH < 2 or > 12.5 conditions.	YES	NO
Does the waste exhibit a characteristic of <u>toxicity</u> as defined by 40 CFR 261.24 (D004 - D0043)?	YES	NO

**VIII. GENERATOR CERTIFICATION**

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I have made reasonable efforts to ensure that wastes collected from third parties have been appropriately screened and accurately characterized for waste types that are unacceptable at South Yuma County Landfill. I further certify that by utilizing this profile, neither I nor any other employees of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as hazardous waste, medical or infectious waste, or any other waste material South Yuma County Landfill is not permitted to accept. Our company hereby agrees to fully indemnify South Yuma County Landfill against any damages resulting from this certification being inaccurate or untrue.

Sterling Ross, Environmental Health and Safety Supervisor

Pio Pico Energy Center, LLC

AUTHORIZED REPRESENTATIVE NAME &amp; TITLE (PRINTED)

COMPANY NAME

 6/28/2019

NOTE: AGENTS OF GENERATOR REQUIRE THIRD-PARTY AUTHORIZATION FROM GENERATOR.

AUTHORIZED REPRESENTATIVE SIGNATURE

DATE

**IX. SOUTH YUMA COUNTY LANDFILL DECISION**☐ REJECTED☐ APPROVED

RATE \_\_\_\_\_

EXPIRATION \_\_\_\_\_

CONDITIONS:

REVIEWER SIGNATURE

DATE

## **Attachment 4: Stormwater Management**



# County of San Diego

## DEPARTMENT OF PUBLIC WORKS STORMWATER INSPECTION / CORRECTIVE ACTION REPORT

INSPECTOR:	Katherine Sharp
PHONE:	
RECORD ID	DPW2014-WPTCBMP-00191

SITE NAME:	L15555	PHONE:	858-623-9000		
RESPONSIBLE PARTY:	DIANE KIRMA	PHONE:	858-623-9000		
RESPONSIBLE PARTY:	STERLING ROSS	PHONE:	619-618-2849		
ADDRESS:	610 ALTA RD	CITY/CPA:	SAN DIEGO	ZIP:	92154
INSPECTION TYPE:	Structural BMP Inspection - Initial Inspection - 6309323				

The County of San Diego conducted an inspection/investigation of this site under authority of the County of San Diego Watershed Protection, Stormwater Management, and Discharge Control Ordinance (WPO). This Ordinance addresses the management and discharge of pollutants to the County's Stormwater Conveyance System (e.g. alley, roads, streets, constructed channels, storm drains, pipes, etc.) and Receiving Waters (e.g. creeks, rivers, lakes, reservoirs). Responsible parties are required to utilize Best Management Practices (BMPs) to prevent and to eliminate discharges to the Stormwater System and Receiving Waters and are responsible for obtaining all necessary permits and approvals.

### VIOLATIONS / CORRECTIVE ACTIONS AND/OR COMMENTS

Date: 8/14/2019

Detention Basin, BMP 1 of 1: A structural Best Management Practice (BMP) maintenance inspection was conducted on August 14, 2019. No maintenance is required at the time of the inspection. Please continue to routinely inspect and maintain your BMP.

FOLLOW-UP AND/OR CORRECTIVE ACTION DOCUMENT DUE BY: N/A

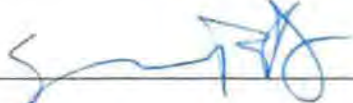
Inspector's Name: Katherine Sharp

Date: 08/14/2019

See next page for photo documentation (if available).



# **Stormwater Treatment Control BMP** **Stormwater Basin Quarterly Inspection Checklist**

Inspector: Sterling Ross Inspector Signature:  Date of Inspection: 11/30/18

Inspection Items	Results of Inspection: Work Needed (Yes/No)	Description of Maintenance Conducted	Date Maintenance Completed
Poor Vegetation Establishment	NO	No Maintenance Required	N/A
Overgrown Vegetation	NO	No Maintenance Required - Some Weeds pulled	N/A
Erosion	NO	No Maintenance Required	N/A
Gopher Holes	NO	No Maintenance Required	N/A
Accumulation of Sediment & Litter	NO	No Maintenance Required	N/A
Standing Water	NO	No Maintenance Required Inspection during storm - water not standing 296 hours	N/A
Obstructed Inlet/Outlet	NO	No Maintenance Required	N/A
Structural Damage	NO	No Maintenance Required	N/A

## Major Stormwater Management Plan Source Control Inspection

### Pio Pico Energy Center, LLC

#### INSTRUCTIONS:

1. At each location, indicate with a yes or no whether the inspection item is correct.
2. For each item marked NO, indicate the corrective action taken.
3. When completed, forward a signed copy of the inspection report to the EH&S Manager for filing.

Date of Inspection: 7/2/2019

Inspected By: S Ross

INSPECTION ITEM	Y/N	CORRECTIVE ACTION
<b>Storm Drain Inlets</b>		
• Do all storm drain inlets identify pollution is prohibited and drain to waterways?	Y	N/A
• Inlets are free of trash, sediment or any items that may inhibit flow to bioretention basin	N	Sediment in NE corner of East
• Date inlets were last cleaned?		2017
• Are chemicals stored in a way that prevents run-off to storm drain inlets?	Y	N/A
<b>Building and Grounds Maintenance</b>		
• Pressure washing detergents directed away from storm drain inlets?	Y	N/A
• Building maintenance activities performed in a way that does not introduce pollutants to the storm drain?	Y	N/A
<b>Spill Prevention and Control</b>		
• Are spill kits readily available to prevent contamination of storm drains system?	Y	N/A
<b>Refuse Area</b>		
• Are refuse collection bins in a curbed area with signs stating "No hazardous Waste"	Y	N/A
<b>Industrial Processes</b>		
• If a process is found to be leaking, is it within the confines of the designed containment?	Y	N/A
<b>Outdoor Storage</b>		
• Are all chemicals stored under a roofed structure and the condition of the connections and delivery system free of corrosion and leaks?	Y	N/A
<b>Sidewalks and Parking Lots</b>		
• Are all sidewalks and paved areas free of debris that could enter the storm drain?	Y	N/A
<p>Note problems, corrective actions needed, and date completed as necessary for each quarterly inspection. If there are no follow-up items, please identify as none:</p> <p style="color: blue;">Sediment at identified storm drain inlets needs to be removed.</p>		



# **Stormwater Treatment Control BMP** **Stormwater Basin Quarterly Inspection Checklist**

Inspector: Sterling Ross      Inspector Signature:       Date of Inspection: 7/2/2019

Inspection Items	Results of Inspection: Work Needed (Yes/No)	Description of Maintenance Conducted	Date Maintenance Completed
Poor Vegetation Establishment	NO	Vegetation starting to die back from summer sun	6/25/2019
Overgrown Vegetation	NO	Woody species cut down after maintenance by EPR	7/1/2019
Erosion	NO	No Maintenance Required	N/A
Gopher Holes	NO	No Maintenance Required	N/A
Accumulation of Sediment & Litter	NO	Litter picked up	6/25/2019 & 7/2/2019
Standing Water	NO	No Maintenance Required	N/A
Obstructed Inlet/Outlet	NO	No Maintenance Required	N/A
Structural Damage	NO	No Maintenance Required	N/A



103.35.01

# Major Stormwater Management Plan Source Control Inspection

## Pio Pico Energy Center, LLC

**INSTRUCTIONS:**

1. At each location, indicate with a yes or no whether the inspection item is correct.
2. For each item marked NO, indicate the corrective action taken.
3. When completed, forward a signed copy of the inspection report to the EH&S Manager for filing.

Date of Inspection: 9-30-2019Inspected By: T. K. J. R.

T K J R

INSPECTION ITEM	Y/N	CORRECTIVE ACTION
<b>Storm Drain Inlets</b>		
• Do all storm drain inlets identify pollution is prohibited and drain to waterways?	Y	N/A
• Inlets are free of trash, sediment or any items that may inhibit flow to bioretention basin	Y	N/A
• Date inlets were last cleaned?		7-3-2019
• Are chemicals stored in a way that prevents run-off to storm drain inlets?	Y	N/A
<b>Building and Grounds Maintenance</b>		
• Pressure washing detergents directed away from storm drain inlets?	Y	N/A
• Building maintenance activities performed in a way that does not introduce pollutants to the storm drain?	Y	N/A
<b>Spill Prevention and Control</b>		
• Are spill kits readily available to prevent contamination of storm drains system?	Y	N/A
<b>Refuse Area</b>		
• Are refuse collection bins in a curbed area with signs stating "No hazardous Waste"	Y	N/A
<b>Industrial Processes</b>		
• If a process is found to be leaking, is it within the confines of the designed containment?	Y	N/A
<b>Outdoor Storage</b>		
• Are all chemicals stored under a roofed structure and the condition of the connections and delivery system free of corrosion and leaks?	Y	N/A
<b>Sidewalks and Parking Lots</b>		
• Are all sidewalks and paved areas free of debris that could enter the storm drain?	Y	N/A
Note problems, corrective actions needed, and date completed as necessary for each quarterly inspection. If there are no follow-up items, please identify as none:		
none		

## **Attachment 5: Potable Water Use**

# Pio Pico Energy Center Annual Potable Water Use Summary

## Gallons

POTABLE WATER	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19
Month Min	0	0	0	0	0	0	0	0	0	0	0	0
Month Max	180,940	58,766	78,610	101,210	57,103	118,742	124,478	178,427	182,689	171,933	181,860	66,660
Month Total	803,278	267,439	369,182	223,803	363,734	463,056	493,987	507,423	517,678	844,602	647,607	262,903
Month Avg	26,776	8,627	11,909	7,993	11,733	15,435	15,935	16,914	16,699	27,245	21,587	8,481

## Acre Feet

POTABLE WATER	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19
Month Total	2.47	0.82	1.13	0.69	1.12	1.42	1.52	1.56	1.59	2.59	1.99	0.81
Annual Total	17.69											

## YEARLY RANGES

	11/1/16 - 10/31/17	11/1/17 - 10/31/18	11/1/18 - 10/31/19	11/1/2019 - 10/31/20	11/1/20 - 10/31/21	11/1/21 - 10/31/22
Annual MIN/Day	0	0	0			
Annual MAX/Day	233,186	301,282	181,860			
Annual AVG/Day	23,877	30,053	15,794			

Total (Gal)	5,764,693
Total (Acre Feet)	17.22
Average Gal/Day	15,794

Date	Daily Water Supply (Gal)
11/1/2018	79723
11/2/2018	75423
11/3/2018	0
11/4/2018	0
11/5/2018	0
11/6/2018	156041
11/7/2018	160343
11/8/2018	180940
11/9/2018	0
11/10/2018	0
11/11/2018	0
11/12/2018	0
11/13/2018	0
11/14/2018	0
11/15/2018	0
11/16/2018	0
11/17/2018	0
11/18/2018	0
11/19/2018	0
11/20/2018	0
11/21/2018	0
11/22/2018	0
11/23/2018	0
11/24/2018	0
11/25/2018	0
11/26/2018	43014
11/27/2018	53913
11/28/2018	0
11/29/2018	53881
11/30/2018	0
12/1/2018	0
12/2/2018	38746
12/3/2018	0
12/4/2018	58766
12/5/2018	34515
12/6/2018	50140
12/7/2018	50518
12/8/2018	0
12/9/2018	0
12/10/2018	34754
12/11/2018	0

12/12/2018	0
12/13/2018	0
12/14/2018	0
12/15/2018	0
12/16/2018	0
12/17/2018	0
12/18/2018	0
12/19/2018	0
12/20/2018	0
12/21/2018	0
12/22/2018	0
12/23/2018	0
12/24/2018	0
12/25/2018	0
12/26/2018	0
12/27/2018	0
12/28/2018	0
12/29/2018	0
12/30/2018	0
12/31/2018	0
1/1/2019	0
1/2/2019	0
1/3/2019	0
1/4/2019	0
1/5/2019	0
1/6/2019	0
1/7/2019	0
1/8/2019	0
1/9/2019	0
1/10/2019	37,757
1/11/2019	0
1/12/2019	0
1/13/2019	0
1/14/2019	50,803
1/15/2019	41,778
1/16/2019	0
1/17/2019	0
1/18/2019	0
1/19/2019	0
1/20/2019	0
1/21/2019	0
1/22/2019	38,858
1/23/2019	61,515
1/24/2019	0
1/25/2019	78,610
1/26/2019	0
1/27/2019	0

1/28/2019	0
1/29/2019	59,862
1/30/2019	0
1/31/2019	0
2/1/2019	0
2/2/2019	0
2/3/2019	0
2/4/2019	0
2/5/2019	0
2/6/2019	0
2/7/2019	0
2/8/2019	0
2/9/2019	0
2/10/2019	0
2/11/2019	0
2/12/2019	52,587
2/13/2019	0
2/14/2019	0
2/15/2019	0
2/16/2019	57,448
2/17/2019	0
2/18/2019	101,210
2/19/2019	12,558
2/20/2019	0
2/21/2019	0
2/22/2019	0
2/23/2019	0
2/24/2019	0
2/25/2019	0
2/26/2019	0
2/27/2019	0
2/28/2019	0
3/1/2019	0
3/2/2019	0
3/3/2019	0
3/4/2019	43,219
3/5/2019	52,312
3/6/2019	0
3/7/2019	0
3/8/2019	0
3/9/2019	0
3/10/2019	52,437
3/11/2019	57,103
3/12/2019	55,040
3/13/2019	0
3/14/2019	0
3/15/2019	0

3/16/2019	0
3/17/2019	0
3/18/2019	0
3/19/2019	0
3/20/2019	51,068
3/21/2019	0
3/22/2019	0
3/23/2019	0
3/24/2019	0
3/25/2019	51,477
3/26/2019	0
3/27/2019	0
3/28/2019	0
3/29/2019	0
3/30/2019	0
3/31/2019	1,077
4/1/2019	57,585
4/2/2019	118,742
4/3/2019	102,220
4/4/2019	96,869
4/5/2019	0
4/6/2019	0
4/7/2019	0
4/8/2019	0
4/9/2019	0
4/10/2019	0
4/11/2019	0
4/12/2019	0
4/13/2019	0
4/14/2019	0
4/15/2019	0
4/16/2019	0
4/17/2019	0
4/18/2019	0
4/19/2019	0
4/20/2019	0
4/21/2019	0
4/22/2019	0
4/23/2019	0
4/24/2019	0
4/25/2019	44,888
4/26/2019	42,752
4/27/2019	0
4/28/2019	0
4/29/2019	0
4/30/2019	0
5/1/2019	0

5/2/2019	0
5/3/2019	59,225
5/4/2019	0
5/5/2019	0
5/6/2019	0
5/7/2019	0
5/8/2019	56,771
5/9/2019	0
5/10/2019	0
5/11/2019	0
5/12/2019	0
5/13/2019	80,547
5/14/2019	124,478
5/15/2019	119,820
5/16/2019	0
5/17/2019	0
5/18/2019	0
5/19/2019	0
5/20/2019	0
5/21/2019	0
5/22/2019	0
5/23/2019	0
5/24/2019	0
5/25/2019	0
5/26/2019	0
5/27/2019	0
5/28/2019	0
5/29/2019	0
5/30/2019	0
5/31/2019	53,146
6/1/2019	0
6/2/2019	0
6/3/2019	0
6/4/2019	0
6/5/2019	34,923
6/6/2019	0
6/7/2019	68,734
6/8/2019	0
6/9/2019	0
6/10/2019	178,427
6/11/2019	120,784
6/12/2019	0
6/13/2019	0
6/14/2019	0
6/15/2019	0
6/16/2019	0
6/17/2019	0



6/18/2019	0
6/19/2019	0
6/20/2019	0
6/21/2019	0
6/22/2019	0
6/23/2019	0
6/24/2019	0
6/25/2019	104,555
6/26/2019	0
6/27/2019	0
6/28/2019	0
6/29/2019	0
6/30/2019	0
7/1/2019	0
7/2/2019	0
7/3/2019	0
7/4/2019	0
7/5/2019	34,561
7/6/2019	0
7/7/2019	0
7/8/2019	0
7/9/2019	0
7/10/2019	0
7/11/2019	58,072
7/12/2019	0
7/13/2019	0
7/14/2019	0
7/15/2019	0
7/16/2019	0
7/17/2019	46,000
7/18/2019	0
7/19/2019	0
7/20/2019	0
7/21/2019	62,181
7/22/2019	92,166
7/23/2019	42,009
7/24/2019	0
7/25/2019	0
7/26/2019	0
7/27/2019	0
7/28/2019	0
7/29/2019	0
7/30/2019	182,689
7/31/2019	0
8/1/2019	57,250
8/2/2019	0
8/3/2019	36,466

8/4/2019	60,422
8/5/2019	42,220
8/6/2019	0
8/7/2019	50,494
8/8/2019	0
8/9/2019	0
8/10/2019	0
8/11/2019	0
8/12/2019	0
8/13/2019	104,731
8/14/2019	0
8/15/2019	0
8/16/2019	0
8/17/2019	0
8/18/2019	34,599
8/19/2019	58,027
8/20/2019	0
8/21/2019	0
8/22/2019	0
8/23/2019	0
8/24/2019	0
8/25/2019	66,812
8/26/2019	46,544
8/27/2019	37,890
8/28/2019	0
8/29/2019	39,186
8/30/2019	171,933
8/31/2019	38,026
9/1/2019	0
9/2/2019	55,808
9/3/2019	181,860
9/4/2019	153,668
9/5/2019	165,861
9/6/2019	37,854
9/7/2019	0
9/8/2019	0
9/9/2019	0
9/10/2019	0
9/11/2019	0
9/12/2019	0
9/13/2019	0
9/14/2019	0
9/15/2019	0
9/16/2019	0
9/17/2019	0
9/18/2019	0
9/19/2019	0

9/20/2019	0
9/21/2019	0
9/22/2019	0
9/23/2019	0
9/24/2019	0
9/25/2019	3,468
9/26/2019	49,088
9/27/2019	0
9/28/2019	0
9/29/2019	0
9/30/2019	0
10/1/2019	0
10/2/2019	56,266
10/3/2019	0
10/4/2019	0
10/5/2019	0
10/6/2019	0
10/7/2019	0
10/8/2019	0
10/9/2019	0
10/10/2019	0
10/11/2019	57,149
10/12/2019	0
10/13/2019	0
10/14/2019	0
10/15/2019	0
10/16/2019	0
10/17/2019	0
10/18/2019	0
10/19/2019	0
10/20/2019	0
10/21/2019	0
10/22/2019	66,660
10/23/2019	0
10/24/2019	0
10/25/2019	0
10/26/2019	35,402
10/27/2019	0
10/28/2019	0
10/29/2019	47,426
10/30/2019	0
10/31/2019	0

## **Attachment 6: Water Metering**

# SINGLE REGISTER METER PERFORMANCE REPORT

SERIAL #: 81277418

SIZE: 4"

CUSTOMER: PIO PICO ENERGY CENTER

DATE: 03/07/2019

TYPE: COMPOUND

LOCATION: 610 ALTA RD SAN DIEGO

READING (BEFORE): 00000

READING (BACK IN SERVICE): 00000

METER REGISTRATION: CCF

TESTER RATE UNITS: CCF

TESTER REGISTRATION: CCF

## METER UNDER TEST

METER	FLOW RATE (GPM)	STOP READING	START READING	METER VOLUME	CONVERTED TO (Cubic Ft)	TESTER VOLUME Cubic Ft	TESTER % From TAG	METER ACCURACY
TOTAL	238.0	1939.3	1840.47	98.8	13.2	13.3	99.9%	98.7%

## METER UNDER TEST

METER	FLOW RATE (GPM)	STOP READING	START READING	METER VOLUME	CONVERTED TO (Cubic Ft)	TESTER VOLUME Cubic Ft	TESTER % From TAG	METER ACCURACY
TOTAL	140.0	1988.9	1939.3	49.6	6.6	6.6	99.8%	99.0%

## METER UNDER TEST

METER	FLOW RATE (GPM)	STOP READING	START READING	METER VOLUME	CONVERTED TO (Cubic Ft)	TESTER VOLUME Cubic Ft	TESTER % From TAG	METER ACCURACY
TOTAL	70.0	1811.3	1712.71	98.5	13.1	13.3	100.0%	98.5%

TESTING PERFORMED BY: Shannon Coffin

DATE: 03/07/2019

## **Attachment 7: Wastewater Disposal**

## Pio Pico Energy Center Wastewater Management

Year	Month	Date	Loads	TSS (ppm)	COD	pH
2018	November	11/14/2018	1	<0.5	98	7.68
2018	December	12/11/2018	2	<0.5	97	8.05
2019	January	1/21/2019	4	<0.5	89	7.78
2019	February	2/7/2019	9	138.6	79	8.11
2019	March	3/15/2019	3	<0.5	79	7.68
2019	April	No Shipments in April				
2019	May	5/9/2019	7	<0.5	86	7.77
2019	June	No Shipments in June				
2019	July	7/16/2019	2	19	88	9.36
2019	August	8/8/2019	5	103	3,466	8.73
2019	September	9/5/2019	6	<0.5	83	7.42
2019	September	9/18/2019	1	14	89	5.42
2019	October	10/14/2019	8	<0.5	86	7.34

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-DEC-2018 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A Conn: 100 ISMF#: 182635

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379  
Laboratory Name: Analytical Chemical Labs, Inc. \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0182635-01 Date: 11/14/18 Time(s): 0914

Evaluation only (no sample)

Sampler: STROSS Description: No Layering, Clear, No odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>11/14/18</u>

Sample#: 0182635-02 Date: 11/14/18 Time(s): 0914

Grab

Sampler: STROSS Description: No layering, Clear, No odor

Chemical Oxygen Demand	mg/L	<u>98</u>
Solids, Total Suspended	mg/L	<u>50.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
---	---	---	---	---	---	---

facility number

15-Dec-2018

report due date

November 2018

monitoring period

TODD E. KUTZ

print name

PLANT MANAGER

title

signature

(attach to Industry Self-Monitoring Form)

date



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154  
**Attn.:** Sterling Ross  
**Project Name:** NA  
**Purchase Order #:** 2018-0276

**Report Date:** November 20, 2018  
**Received Date:** November 15, 2018 12:50  
**Phone:** 858-699-7785 **Fax:**  
**Project #:** **Item #:**  
Regular TAT

### Certificate of Analysis

**Lab No:** 180497-1 **Sample ID:** 1 **Matrix:** Wastewater  
**Sampled By:** Sterling Ross **Date:** 11/14/2018 **Time:** 09:14 **Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2018/11/20
Chemical Oxygen Demand (COD)	98	mg/l	1	HACH 8000	2018/11/19

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.1	96.4	80 - 120	OK			
Spike Added mg/l	Sample Concetration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery %      RPD %	
20	98.0	99.0	116.0	98.3	0.25	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Found Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



Analytical Chemical Labs Inc.

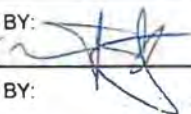
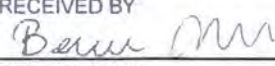
8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
aclchem@sandiego.twebe.com

# CHAIN OF CUSTODY RECORD

## ACL Work Order

180497

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER					PROJECT:		<b>ANALYSIS REQUESTED</b> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">COD</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS</div> </div>								<b>SPECIAL HANDLING</b> <input type="checkbox"/> 1-2 Hours Rush TAT (plus 250%) <input type="checkbox"/> 3-4 Hours Rush TAT (plus 200%) <input type="checkbox"/> Same Day Rush TAT (plus 150%) <input type="checkbox"/> 24 to 36 Hours TAT (plus 100%) <input type="checkbox"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)	
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154					PHONE #: 619-618-2849 FAX #: e-mail:											
PROJECT MANAGER:			SAMPLER: S. ROSS		P.O. #2018-0276											
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE O	SAMPLE DESCRIPTION	# OF CONT.									REMARKS		
1 180497	11/14/18	9:14	GRAB	Final Waste-Water (COD)	1	X								Preserved in H2SO4		
2 - 4 -	11/14/18	9:14	GRAB	Final Waste-Water (TSS)	1		X							No Preservative		
RELINQUISHED BY: 		DATE/TIME 11/14/18 @10:15		RECEIVED BY:		O = Aqueous; NA - Nonaqueous, SL - Sludge, DW - Drinking Water WW - Wastewater; GW - Groundwater, SO - Soil; SW - Solid Waste AF - Air Filters, WP - Wipes, PT - Paint Chips, OF - Oil or Fuel, OT - Other										
RELINQUISHED BY:		DATE/TIME NOV 15 2018		RECEIVED BY: 		SAMPLE CONDITION				DISPOSITION OF SAMPLES:						
RELINQUISHED BY:		DATE/TIME 12:50		RECEIVED BY:		Precooled Y/N Preserved Y/N Evidence seals intact Y/N Preserved at Lab Y/N				Pick Up by client Y/N Return Y/N Dispose by Lab ** Y/N ** Extra charge added						
SPECIAL REQUIREMENTS OR INSTRUCTIONS:																

Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
11/14/18	Final waste water	0914	0917	7.68	11/14/18 0901	7.0	7.12 / 7.00	Clear, No layers no odor	82
						10.00	10.05 / 10.05		
						4.01	4.01 / 4.01		

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

*Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.*

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-JAN-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A Conn: 100 ISMF#: 183080

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0183080-01 Date: 12/11/18 Time(s): 0900

Evaluation only (no sample)

Sampler: S. Ross Description: Clear, No layers, No odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>12/11/18</u>

Sample#: 0183080-02 Date: 12/11/18 Time(s): 0900

Grab/field measurement

Sampler: S. Ross Description: clear, No layers, No odor

pH-Instantaneous	pH	5-12.5	<u>8.05</u>
------------------	----	--------	-------------

Sample#: 0183080-03 Date: 12/11/18 Time(s): 0900

Grab

Sampler: S. Ross Description: Clear, No layers, No odor

Chemical Oxygen Demand	mg/L	<u>97</u>
Solids, Total Suspended	mg/L	<u>&lt;0.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
---	---	---	---	---	---	---

facility number

15-JAN-2019

report due date

DECEMBER 2018

monitoring period

TODD E. KUTZ

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

1-3-2019

date



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154  
**Attn.:** Sterling Ross  
**Project Name:** NA  
**Purchase Order #:** 2018-0276

**Report Date:** December 18, 2018  
**Received Date:** December 12, 2018 16:00  
**Phone:** 858-699-7785 **Fax:**  
**Project #:** **Item #:**  
Regular TAT

### Certificate of Analysis

**Lab No:** 180551-1 **Sample ID:** 1 **Matrix:** Wastewater  
**Sampled By:** Sterling Ross **Date:** 12/11/2018 **Time:** 09:00 **Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2018/12/17
Chemical Oxygen Demand (COD)	97	mg/l	1	HACH 8000	2018/12/16

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.3	97.2	80 - 120	OK			
Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery %	RPD %
20	97.0	96.0	114.0	97.4	0.26	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Foud Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected  
DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
acchem@sandiegowebe.com

## 180551

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER						PROJECT:						<b>ANALYSIS REQUESTED</b>								<b>SPECIAL HANDLING</b>							
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154						PHONE #: 619-618-2849  FAX #:  e-mail:						<div style="display: flex; justify-content: space-between;"> <span>COD</span> <span>TSS</span> </div>								<input type="checkbox"/> 1- 2 Hours Rush TAT (plus 250%) <input type="checkbox"/> 3 - 4 Hours Rush TAT (plus 200%) <input type="checkbox"/> Same Day Rush TAT (plus 150%) <input type="checkbox"/> 24 to 36 Hours TAT (plus 100%) <input type="checkbox"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)							
PROJECT MANAGER:						SAMPLER: S. ROSS														P.O. #2018-0276							
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE O	SAMPLE DESCRIPTION		# OF CONT.									REMARKS												
180551-1	12/11/18	0900	GRAB	Final Waste-Water (COD)		1	X								Preserved in H2SO4												
- 11 - 2	12/11/18	0900	GRAB	Final Waste-Water (TSS)		1		X							No Preservative												
RELINQUISHED BY:			DATE/TIME		RECEIVED BY:			O = AQ - Aqueous, NA - Nonaqueous, SL - Sludge DW - Drinking Water WW - Wastewater, GW - Groundwater, SO - Soil; SW - Solid Waste AF - Air Filters, WP - Wipes, PT - Paint Chips, OF - Oil or Fuel, OT - Other																			
Sterling Ross			12/11/18 @ 0907		Bouan [Signature]																						
RELINQUISHED BY:			DEC 12 2018		[Signature]																						
RELINQUISHED BY:			DATE/TIME		RECEIVED BY:			SAMPLE CONDITION				DISPOSITION OF SAMPLES:															
			16:00					Precooled Y/N				Pick Up by client Y/N															
								Preserved Y/N				Return Y/N															
								Evidence seals intact Y/N				Dispose by Lab ** Y/N															
								Preserved at Lab Y/N				** Extra charge added															
SPECIAL REQUIREMENTS OR INSTRUCTIONS:																											

Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
11/14/18	Final waste water	0914	0917	7.68	11/14/18 0901	7.0 10.00 4.01	7.12/7.00 10.05/10.05 4.21/4.01	Clear, No layers no odor	SR
12/11/18	Final waste water	0900	0904	8.05	12/11/18 0845	7.0 10.00 4.01	7.16/7.00 10.01/10.11 4.25/4.00	clear No layers No odor On-site TSS: 316	SR

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

*Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.*

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-FEB-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A

Conn: 100

ISMF#: 183735

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379  
Laboratory Name: Analytical Chemical Labs, Inc \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0183735-01 Date: 1/21/2019 Time(s): 0842

Evaluation only (no sample)

Sampler: STROSS Description: Clear, No layers, No Odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>1/21/2019</u>

Sample#: 0183735-02 Date: 1/21/2019 Time(s): 0842

Grab

Sampler: STROSS Description: Clear, No layers, No Odor

Chemical Oxygen Demand	mg/L	<u>89</u>
Solids, Total Suspended	mg/L	<u>40.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

25 - 0379

facility number

15 Feb-2019 January 2019

report due date

monitoring period

TODD E KUTZ

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

2-1-2019

date



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154  
**Attn.:** Sterling Ross  
**Project Name:** NA  
**Purchase Order #:** 2018-0276

**Report Date:** January 25, 2019  
**Received Date:** January 22, 2019 14:30  
**Phone:** 858-699-7785 **Fax:**  
**Project #:** **Item #:**  
Regular TAT

Certificate of Analysis

**Lab No:** 190037-1 **Sample ID:** 1 **Matrix:** Wastewater  
**Sampled By:** Sterling Ross **Date:** 12/11/2018 **Time:** 09:00 **Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2019/01/25
Chemical Oxygen Demand (COD)	89	mg/l	1	HACH 8000	2019/01/25

QA/QC

Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.3	97.2	80 - 120	OK			
Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery %      RPD %	
20	89.0	91.0	106.0	97.2	0.55	75 - 125	20

Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Foud Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected  
DLR = Detection Limit for Reporting


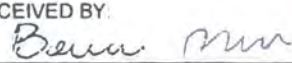
Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
acchem@sandiego.twbco.com

## 190037

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER				PROJECT:		<b>ANALYSIS REQUESTED</b> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">COD</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS</div> <div></div><div></div><div></div><div></div><div></div><div></div> </div>				<b>SPECIAL HANDLING</b> <input type="checkbox"/> 1- 2 Hours Rush TAT (plus 250%) <input type="checkbox"/> 3 - 4 Hours Rush TAT (plus 200%) <input type="checkbox"/> Same Day Rush TAT (plus 150%) <input type="checkbox"/> 24 to 36 Hours TAT (plus 100%) <input type="checkbox"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)					
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154				PHONE #: 619-618-2849								FAX #:		e-mail:	
PROJECT MANAGER:				SAMPLER: S. ROSS								P.O. #2019-0276			
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE <small>○</small>	SAMPLE DESCRIPTION	# OF CONT.							REMARKS			
190037	1/21/19	0842	GRAB	Final Waste-Water (COD)	1	X						Preserved in H2SO4			
- n -	1/21/19	0842	GRAB	Final Waste-Water (TSS)	1		X					No Preservative			
RELINQUISHED BY: 			DATE/TIME: 1/21/2019 @ 10:12		RECEIVED BY:		O = Aqueous, NA - Nonaqueous, SL - Sludge, DW - Drinking Water WW - Wastewater, GW - Groundwater, SO - Soil, SW - Solid Waste AF - Air Filters, WP - Wipes, PT - Paint Chips, OF - Oil or Fuel, OT - Other  <b>SAMPLE CONDITION</b> Precooled <span style="float: right;">Y/N</span> Preserved <span style="float: right;">Y/N</span> Evidence seals intact <span style="float: right;">Y/N</span> Preserved at Lab <span style="float: right;">Y/N</span>						<b>DISPOSITION OF SAMPLES:</b> Pick Up by client <span style="float: right;">Y/N</span> Return <span style="float: right;">Y/N</span> Dispose by Lab ** <span style="float: right;">Y/N</span> ** Extra charge added		
RELINQUISHED BY:			DATE/TIME: JAN 22 2019		RECEIVED BY: 										
RELINQUISHED BY:			DATE/TIME: 1/21/20		RECEIVED BY:										
SPECIAL REQUIREMENTS OR INSTRUCTIONS:															



Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
11/14/18	Final Waste Water	0914	0917	7.68	11/14/18 0901	7.0 10.00 4.01	7.12/7.00 10.05/10.05 4.21/4.01	Clear, No layers no odor	SR
12/11/18	Final Waste Water	0900	0904	8.05	12/11/18 0845	7.0 10.00 4.01	7.16/7.00 10.01/10.11 4.25/4.00	Clear, No layers No odor On-site TSS: 316	SR
12/18/17	Final Waste Water	0905	0910	7.34	0907	7 10 4.01	7.11/7.00 10.01/10.02 4.12/4.01	Clear, no layers NO ODOR TSS 35	SR
2019 1/21/19	Final Waste Water	0842	0845	7.78	1/21/19 0825	7.0 10.0 4.01	7.04/7.00 9.94/9.94 4.23/4.15	Clear, no layers NO ODOR TSS 2.83	

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-MAR-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A Conn: 100 ISMF#: 184135

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: Analytical Chemical Labs, Inc \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0184135-01 Date: 2/7/2019 Time(s): 08:49

Evaluation only (no sample)

Sampler: STROSS Description: cloudy Milky Appearance, light layering, chlorine odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>2/7/2019</u>

Sample#: 0184135-02 Date: 2/7/2019 Time(s): 08:49

Grab

Sampler: STROSS Description: cloudy, Milky Appearance, light layering, chlorine odor

Chemical Oxygen Demand	mg/L	<u>79</u>
Solids, Total Suspended	mg/L	<u>138.6</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
---	---	---	---	---	---	---

facility number

15-Mar-2019

report due date

FEBRUARY 2019

monitoring period

Todd E. KUTZ

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

3-1-2019

date



EPA Reg. # CA01419 ELAP Cert. # 2505

Client: PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154

Attn: Sterling Ross

Project Name: NA

Purchase Order #: 2018-0276

Report Date: February 14, 2019

Received Date: February 8, 2019 13:05

Phone: 858-699-7785 Fax:

Project #: Item #:

Regular TAT

### Certificate of Analysis

Lab No: 190073-I

Sample ID: I

Matrix: Wastewater

Sampled By: Sterling Ross

Date: 02/07/2019 Time: 08:49

Source: Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	138.6	mg/l	0.5	SM 2540 D-1997	2019/02/12
Chemical Oxygen Demand (COD)	79	mg/l	1	HACH 8000	2019/02/13

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.1	96.4	80 - 120	OK			
Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit	
						MS Recovery %	RPD %
20	79.0	78.0	97.0	97.9	0.32	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Foud Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



**Analytical Chemical Labs Inc.**

8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
aclchem@sandiego.twcbe.com

# CHAIN OF CUSTODY RECORD

## ACL Work Order

190073

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER					PROJECT:		<b>ANALYSIS REQUESTED</b> COD TSS						<b>SPECIAL HANDLING</b> <input type="radio"/> 1- 2 Hours Rush TAT (plus 250%) <input type="radio"/> 3- 4 Hours Rush TAT (plus 200%) <input type="radio"/> Same Day Rush TAT (plus 150%) <input type="radio"/> 24 to 36 Hours TAT (plus 100%) <input type="radio"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="radio"/> Regular TAT (5 business Days)	
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154					PHONE #: 619-618-2849 FAX #: e-mail:									
PROJECT MANAGER:					SAMPLER: S. ROSS		P.O. #2019-0276							
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE U	SAMPLE DESCRIPTION	# OF CONT.							REMARKS		
190073	2/07/19	08:49	GRAB	Final Waste-Water (COD)	1	X						Preserved in H2SO4		
	2/07/19	08:49	GRAB	Final Waste-Water (TSS)	1		X					No Preservative		
RELINQUISHED BY: <i>S. Ross</i>		DATE/TIME: 2/7/19 @ 0908		RECEIVED BY:		O = AQ - Aqueous, NA - Nonaqueous, SL - Sludge, DW - Drinking Water WW - Wastewater, GW - Groundwater, SO - Soil, SW - Solid Waste AF - Air Filters, WP - Wipes, PT - Paint Chips, OF - Oil or Fuel, OT - Other								
RELINQUISHED BY:		DATE/TIME: FEB 08 2019		RECEIVED BY: <i>B. Ross</i>		<b>SAMPLE CONDITION</b> Precooled Y/N Preserved Y/N Evidence seals intact Y/N Preserved at Lab Y/N						<b>DISPOSITION OF SAMPLES:</b> Pick Up by client Y/N Return Y/N Dispose by Lab ** Y/N ** Extra charge added		
RELINQUISHED BY:		DATE/TIME: 13:05		RECEIVED BY:										
SPECIAL REQUIREMENTS OR INSTRUCTIONS:														



Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
1/14/18	Final Waste Water	0914	0917	7.68	11/14/18 0901	7.0 10.00 4.01	7.12/7.00 10.05/10.05 4.21/4.01	Clear No layers no odor	SR
2/11/18	Final Waste Water	0900	0904	8.05	12/11/18 0845	7.0 10.00 4.01	7.16/7.00 10.01/10.11 4.25/4.00	Clear No layers No odor On-site TSS: 316	SR
12/18/17	Final Waste Water	0905	0910	7.34	0907	7 10 4.01	7.11/7.00 10.01/10.02 4.12/4.01	Clear, no layers no odor TSS 35	SR
2019									
1/21/19	Final Waste Water	0842	0845	7.78	1/21/19 0825	7.0 10.0 4.01	7.07/7.00 9.94/9.94 4.23/4.15	Clear, no layers no odor TSS 2.83	FB
2/7/19	Final Waste Water	0849	0851	8.11	2/7/19 0817	7.0 4.01 10.0	7.11/7.00 4.29/4.01 10.07/9.88	Cloudy Milky appearance Light layering chlorine odor TSS: 2268	SR

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-APR-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A Conn: 100 ISMF#: 184531

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0184531-01 Date: 3/15/2019 Time(s): 11:04

Evaluation only (no sample)

Sampler: S. ROSS Description: clear, No Layering, No Solids, Chlorine Odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>03/15/2019</u>

Sample#: 0184531-02 Date: 3/15/2019 Time(s): 11:04

Grab/field measurement

Sampler: S. ROSS Description: clear, No layering, No Solids, chlorine Odor

pH-Instantaneous	pH	5-12.5	Result
			<u>7.68</u>

Sample#: 0184531-03 Date: 3/15/2019 Time(s): 11:04

Grab

Sampler: S. ROSS Description: Clear, No layering, No Solids, chlorine Odor

Chemical Oxygen Demand	mg/L	<u>79</u>
Solids, Total Suspended	mg/L	<u>&lt;0.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

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---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

25 - 0379

facility number

15-April-2019

report due date

MARCH 2019

monitoring period

Todd E. Kutz

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

4-1-2019

date



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154

**Attn.:** Sterling Ross

**Project Name:** NA

**Purchase Order #:** 2018-0276

**Report Date:** March 22, 2019

**Received Date:** March 18, 2019 13:30

**Phone:** 858-699-7785 **Fax:**

**Project #:** Item #

Regular TAT

### Certificate of Analysis

**Lab No:** 190150-1

**Sample ID:** 1

**Matrix:** Wastewater

**Sampled By:** Sterling Ross

**Date:** 03/15/2019 **Time:** 11:04

**Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2019/03/22
Chemical Oxygen Demand (COD)	79	mg/l	1	HACH 8000	2019/03/21

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %	
25.0	23.8	95.2	80 - 120	OK

Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery %	RPD %
20	78.0	77.0	95.0	96.9	0.32	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Foud Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected  
DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.

8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
acchem@san-diego.twcbe.com

## 190150

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER				PROJECT:		<b>ANALYSIS REQUESTED</b> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">COD</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS</div> <div></div><div></div><div></div><div></div><div></div><div></div> </div>				<b>SPECIAL HANDLING</b> <input type="checkbox"/> 1- 2 Hours Rush TAT (plus 250%) <input type="checkbox"/> 3 - 4 Hours Rush TAT (plus 200%) <input type="checkbox"/> Same Day Rush TAT (plus 150%) <input type="checkbox"/> 24 to 36 Hours TAT (plus 100%) <input type="checkbox"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)		
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154				PHONE #: 619-618-2849 FAX #: e-mail:						<b>REMARKS</b> Preserved in H2SO4 No Preservative		
PROJECT MANAGER:		SAMPLER: S. ROSS		P.O. #2019-0276								
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE U	SAMPLE DESCRIPTION	# OF CONT.							
190150-1	3/15/19	11:04	GRAB	Final Waste-Water (COD)	1	X						
-2	3/15/19	11:04	GRAB	Final Waste-Water (TSS)	1		X					
RELINQUISHED BY: Sterling Ross		DATE/TIME 3/15/19 @ 11:23		RECEIVED BY:		O = AQ - Aqueous, NA - Nonaqueous, SL - Sludge, DW - Drinking Water WW - Wastewater, GW - Groundwater, SO - Soil, SW - Solid Waste AF - Air Filters, WP - Wipes, PT - Paint Chips, OF - Oil or Fuel, OT - Other						
RELINQUISHED BY:		DATE/TIME		RECEIVED BY:		SAMPLE CONDITION			DISPOSITION OF SAMPLES:			
RELINQUISHED BY:		DATE/TIME		RECEIVED BY:		Precooled Y/N Preserved Y/N Evidence seals intact Y/N Preserved at Lab Y/N			Pick Up by client Y/N Return Y/N Dispose by Lab ** Y/N ** Extra charge added			
SPECIAL REQUIREMENTS OR INSTRUCTIONS:												



Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
1/4/18	Final waste water	0914	0917	7.68	11/14/18 0901	7.0 10.00 4.01	7.12/7.00 10.05/10.05 4.21/4.01	Clear, No layers no odor	SR
12/11/18	Final waste water	0900	0904	8.05	12/11/18 0845	7.0 10.00 4.01	7.16/7.00 10.01/10.11 4.25/4.00	Clear, No layers No odor On-site TSS: 31%	SR
12/18/18	Final waste water	0905	0910	7.34	0907	7 10 4.01	7.11/7.00 10.07/10.02 4.12/4.01	Cloudy, no layers NO ODOR TSS 3.5	SR
2019 1/2/19	Final waste water	0842	0845	7.78	1/21/19 0805	7.0 10.0 4.01	7.04/7.00 9.94/9.94 4.23/4.35	Clear, No layers NO ODOR TSS 2.83	FB
2/7/19	Final waste water	0849	0851	8.11	2/7/19 0807	7.0 4.01 10.0	7.11/7.00 4.29/4.01 10.07/9.88	Cloudy Milky appearance Light layering chlorine odor TSS: 2268	SR
3/15/19	Final waste water	1104	1107	7.68	3/15/19 0900	7.0 4.01 10.0	7.04/7.00 4.33/4.00 10.14/10.14	Clear, No layering no solid, chlorine odor TSS 3.1%	SR

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-MAY-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A

Conn: 100

ISMF#: 185122

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: N/R \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0185122-01 Date: Month of April Time(s): \_\_\_\_\_

Evaluation only (no sample)

Sampler: \_\_\_\_\_ Description: \_\_\_\_\_

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>NR</u>

Sample#: 0185122-02 Date: Month of April Time(s): \_\_\_\_\_

Grab

Sampler: \_\_\_\_\_ Description: \_\_\_\_\_

Chemical Oxygen Demand	mg/L	<u>NR</u>
Solids, Total Suspended	mg/L	<u>NR</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
---	---	---	---	---	---	---

facility number

15-MAY-2019

report due date

APRIL 2019

monitoring period

TODD E. KUTZ

print name



signature

(attach to Industry Self-Monitoring Form)

PLANT MANAGER

title

5-2-2019

date

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-JUN-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A

Conn: 100

ISM#: 185494

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0185494-01 Date: 5/9/19 Time(s): 10:16

Evaluation only (no sample)

Sampler: SRoss Description: Clear, No layering, Chlorine Odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>5/9/19</u>

Sample#: 0185494-02 Date: 5/9/19 Time(s): 10:16

Grab

Sampler: SRoss Description: Clear, No layering, Chlorine Odor

Chemical Oxygen Demand	mg/L	<u>86</u>
Solids, Total Suspended	mg/L	<u>20.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
---	---	---	---	---	---	---

facility number

15-JUN-2019

report due date

MAY 2019

monitoring period

TODD E. KUTZ

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

6-3-2019

date



EPA Reg. # CA01419 ELAP Cert. # 2505

Client: PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154

Attn.: Sterling Ross

Project Name: NA

Purchase Order #: 2018-0276

Report Date: May 21, 2019

Received Date: May 10, 2019 11:30

Phone: 858-699-7785 Fax:

Project #: Item #

Regular TAT

### Certificate of Analysis

Lab No: 190256-1

Sample ID: 1

Matrix: Wastewater

Sampled By: Sterling Ross

Date: 05/09/2019 Time: 10:16

Source: Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2019/05/17
Chemical Oxygen Demand (COD)	86	mg/l	1	HACH 8000	2019/05/14

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Found Concentration µg/l	LFB Recovery %	QC Limit %	
25.0	23.4	93.6	80 - 120	OK

Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery %	RPD %
20	86.0	84.0	102.0	96.2	0.06	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Found Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remaining sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.

8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
aelchen@san diego. twc. com

## 190253

Of 1

[illegible]



Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
11/14/18	Final Waste Water	0914	0917	7.68	11/14/18 0901	7.0 10.00 4.01	7.12/7.00 10.05/10.05 4.21/4.01	Clear, No layers no odor	SR
12/11/18	Final Waste Water	0900	0904	8.05	12/11/18 0845	7.0 10.00 4.01	7.16/7.00 10.01/10.11 4.25/4.00	clear No layers No odor On-site TSS: 316	SR
12/18/18	Final Waste Water	0905	0910	7.34	0907	7 10 4.01	7.11/7.00 10.01/10.02 4.12/4.01	clear, no layers no odor TSS 35	SR
2019 1/21/19	Final Waste Water	0842	0845	7.78	1/21/19 0835	7.0 10.0 4.01	7.07/7.00 9.94/9.94 4.23/4.15	clear, no layers no odor TSS 2.83	FB
2/7/19	Final Waste Water	0849	0851	8.11	2/7/19 0817	7.0 4.01 10.0	7.11/7.00 4.29/4.01 10.07/9.88	cloudy Milky appearance Light layering chlorine odor TSS: 2268	SR
3/15/19	Final Waste Water	1104	1107	7.68	3/15/19 0900	7.0 4.01 10.0	7.04/7.00 4.33/4.00 10.19/10.14	Clear, No layering no solid, chlorine odor TSS 316	SR
5/9/19	Final Waste Water	1016	1019	7.77	5/9/19 @1004	7.0 4.01 10.0	6.96/7.00 4.33/4.01 10.27/10.11	TSS 2.63 Clear, No layering chlorine odor	SR



# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

*Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.*

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-JUL-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A Conn: 100 ISMF#: 185923

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: N/R \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0185923-01 Date: Month of JUNE Time(s): \_\_\_\_\_

Evaluation only (no sample)

Sampler: \_\_\_\_\_ Description: \_\_\_\_\_

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>N/R</u>

Sample#: 0185923-02 Date: Month of JUNE Time(s): \_\_\_\_\_

Grab/field measurement

Sampler: \_\_\_\_\_ Description: \_\_\_\_\_

pH-Instantaneous	pH	5-12.5	<u>7.77</u>
------------------	----	--------	-------------

Sample#: 0185923-03 Date: 05/09/2019 Time(s): 10:19

Grab

Sampler: S. ROSS Description: Clear, No layering, Chlorine odor

Chemical Oxygen Demand	mg/L	<u>N/R</u>
Solids, Total Suspended	mg/L	<u>N/R</u>

## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

25 - 0379

facility number

15-July-2019

report due date

June 2019

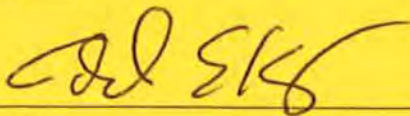
monitoring period

TODD E KUTZ

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

07/01/2019

date



Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Action/Description	13 Initials
11/14/18	Final Waste Water	0914	0917	7.68	11/14/18 0901	7.0 10.00 4.01	7.12/7.00 10.05/10.05 4.21/4.01	Clear, No layers no odor	SR
12/11/18	Final Waste Water	0900	0904	8.05	12/11/18 0845	7.0 10.00 4.01	7.16/7.00 10.01/10.11 4.25/4.00	Clear, No layers No odor On-site TSS: 3.16	SR
12/18/18	Final Waste Water	0905	0910	7.34	0907	7 10 4.01	7.11/7.00 10.01/10.02 4.12/4.01	Clear, No layers NO ODOR TSS 3.5	SR
2019									
1/21/19	Final Waste Water	0842	0845	7.78	1/21/19 0835	7.0 10.0 4.01	7.04/7.00 9.94/9.94 4.23/4.15	Clear, No layers NO ODOR TSS 2.83	FB
2/7/19	Final Waste Water	0849	0851	8.11	2/7/19 0837	7.0 4.01 10.0	7.11/7.00 4.29/4.01 10.07/9.88	Cloudy Milky appearance Light layering chlorine odor TSS: 2.26	SR
3/15/19	Final Waste Water	1104	1107	7.68	3/15/19 0900	7.0 4.01 10.0	7.04/7.00 4.33/4.00 10.19/10.14	Clear, No layering no solid, chlorine odor TSS: 3.16	SR
5/9/19	Final Waste Water	1016	1019	7.77	5/9/19 @1004	7.0 4.01 10.0	6.96/7.00 4.33/4.01 10.27/10.11	TSS 2.63 Clear, No layering chlorine odor	SR

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-AUG-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A Conn: 100 ISMF#: 186544

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0186544-01 Date: 7/16/19 Time(s): 10:25

Evaluation only (no sample)

Sampler: SRoss Description: cloudy, opaque color, No odor  
No layering

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>7/16/19</u>

Sample#: 0186544-02 Date: 7/16/19 Time(s): 10:25

Grab

Sampler: SRoss Description: cloudy, opaque color, No odor, No layering

Chemical Oxygen Demand	mg/L	<u>SS</u>
Solids, Total Suspended	mg/L	<u>19.4</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
---	---	---	---	---	---	---

facility number

15-Aug-2019

report due date

July 2019

monitoring period

TODD E. KUTZ

print name

PLANT MANAGER

title



signature

(attach to Industry Self-Monitoring Form)

8-5-2019

date

Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues Actions Description.	15 Initials
7/16/19	Final Waste water	10:25	10:30	9.36	7/16/19 @ 0855.	7.0 4.0 10.0	6.93/7.00 4.31/4.01 10.29/10.06	Cloudy, opaque color No odor No layering TSS: 685	SL



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154

**Attn.:** Sterling Ross

**Project Name:** NA

**Purchase Order #:** 2018-0276

**Report Date:** July 24, 2019

**Received Date:** July 17, 2019 14:15

**Phone:** 858-699-7785 **Fax:**

**Project #:** *Item #*

Regular TAT

### Certificate of Analysis

**Lab No:** 190373-1

**Sample ID:** 1

**Matrix:** Wastewater

**Sampled By:** Sterling Ross

**Date:** 07/16/2019 **Time:** 10:25

**Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	19.4	mg/l	0.5	SM 2540 D-1997	2019/07/23
Chemical Oxygen Demand (COD)	88	mg/l	1	HACH 8000	2019/07/17

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	23.2	92.8	80 - 120	OK			
Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit	
						MS Recovery %	RPD %
20	88.0	86.0	103.0	95.4	0.57	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Found Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remaining sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone (619) 276-1558  
FAX: (619) 276-1581  
actchen@sanidiego.twcbc.com

## CHAIN OF CUSTODY RECORD

### ACL Work Order

190373

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER					PROJECT:		ANALYSIS REQUESTED						SPECIAL HANDLING						
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154					PHONE #: 619-618-2849 FAX #: e-mail:		COD	TSS						<input type="checkbox"/> 1- 2 Hours Rush TAT (plus 250%) <input type="checkbox"/> 3 - 4 Hours Rush TAT (plus 200%) <input type="checkbox"/> Same Day Rush TAT (plus 150%) <input type="checkbox"/> 24 to 36 Hours TAT (plus 100%) <input type="checkbox"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)					
PROJECT MANAGER:			SAMPLER: S. ROSS		P.O. #2019-0276									REMARKS					
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE O	SAMPLE DESCRIPTION	# OF CONT.														
140373	7/16/19	10:25	GRAB	Final Waste-Water (COD)	1	X							Preserved in H2SO4						
- (i) -	7/16/19	10:25	GRAB	Final Waste-Water (TSS)	1		X						No Preservative						
RELINQUISHED BY: Sterling Ross		DATE/TIME 7/16/19 10:56		RECEIVED BY:		O = AQ - Aqueous; NA - Nonaqueous SL - Sludge DW - Drinking Water WW - Wastewater; GW - Groundwater; SO - Soil; SW - Solid Waste AF - Air Filters; WP - Wipes; PT - Paint Chips; OF - Oil or Fuel; OT - Other													
RELINQUISHED BY:		DATE/TIME JUL 17 2019		RECEIVED BY: Borja Monje		SAMPLE CONDITION						DISPOSITION OF SAMPLES:							
RELINQUISHED BY:		DATE/TIME 14:15		RECEIVED BY:		Precooled Preserved Evidence seals intact Preserved at Lab						Pick Up by client Return Dispose by Lab *** ** Extra charge added							
SPECIAL REQUIREMENTS OR INSTRUCTIONS:																			



# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Sterling Ross  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-SEP-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 03-A

Conn: 100

ISMF#: 186925

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379  
Laboratory Name: Analytical Chemical Labs, Inc. \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0186925-01 Date: 8/8/19 Time(s): 08:40

Evaluation only (no sample)

Sampler: Fred Blending Description: cloudy, opaque color, no odor  
slight layering

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>8/8/19</u>

Sample#: 0186925-02 Date: 8/8/19 Time(s): 08:40

Grab

Sampler: Fred Blending Description: cloudy, opaque color, no odor  
slight layering

Chemical Oxygen Demand	mg/L		<u>3,466</u>
Solids, Total Suspended	mg/L		<u>103</u>

## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

25 - 0379

facility number

9-15-2019

report due date

AUGUST 2019

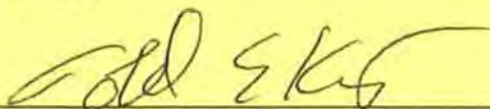
monitoring period

Todd E Kutz

Print Name

Plant Manager

Title



Signature  
(Attach to Industry Self-Monitoring Form)

9-3-2019

Date

Date	Analysis Purpose	Sample Time	Analysis Time	Sample PH	Cal Date/Time	Cal Buffer PH	Cal Response PH	Issues Actions Description	Initials
7/16/19	Final Waste water	10:25	1030	9.36	7/16/19 @ 0855	7.0 4.0 10.0	6.93/7.00 4.31/4.01 10.29/10.06	Cloudy, opaque color No odor No layering TSS: 685	SL
8/8/19	Final Waste water	8:40	8:44	8.73	8:18 <del>8:18</del>	7.0 4.0 10.0	7.01/7.00 4.71/4.01 10.26/10.01	Cloudy opaque color NO ODOIR - Slight NO LAYERING TSS: 3250	ME





EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154  
**Attn.:** Sterling Ross  
**Project Name:** NA  
**Purchase Order #:** 2018-0276

**Report Date:** August 15, 2019  
**Received Date:** August 9, 2019 11:30  
**Phone:** 858-699-7785 **Fax:**  
**Project #:** **Item #:**  
Regular TAT

**Certificate of Analysis**

**Lab No:** 190406-1 **Sample ID:** I **Matrix:** Wastewater  
**Sampled By:** F. Blanding **Date:** 08/08/2019 **Time:** 08:40 **Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	3,466	mg/l	0.5	SM 2540 D-1997	2019/08/13
Chemical Oxygen Demand (COD)	103	mg/l	1	HACH 8000	2019/08/14

**QA/QC**

**Chemical Oxygen Demand (COD) HACH 8000 Method**

LFB Concentration µg/l	LFB Found Concentration µg/l	LFB Recovery %	QC Limit %	
25.0	23.4	93.6	80 - 120	OK

Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery %	RPD %
20	103.0	102.0	121.0	99.1	0.24	75 - 125	20

**Suspended Solids, Total (TSS) SM 2540 D-1997**

LPB Concentration µg/l	LPB Found Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
aelchem@sandiegowebe.com

## CHAIN OF CUSTODY RECORD

### ACL Work Order

190406

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER						PROJECT:						<b>ANALYSIS REQUESTED</b>							<b>SPECIAL HANDLING</b>		
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154						PHONE #: 202-372-5444  e-mail: blandingf@southwestgen.com						COD	TSS							<input type="radio"/> 1-2 Hours Rush TAT (plus 250%) <input type="radio"/> 3-4 Hours Rush TAT (plus 200%) <input type="radio"/> Same Day Rush TAT (plus 150%) <input type="radio"/> 24 to 36 Hours TAT (plus 100%) <input type="radio"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)	
PROJECT MANAGER:						SAMPLER: F. BLANDING						P.O. #2019-0276									
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE O	SAMPLE DESCRIPTION	# OF CONT.													REMARKS			
190406	8/08/19	8:40	GRAB	Final Waste-Water (COD)	1	X												Preserved in H2SO4			
190406	8/08/19	8:40	GRAB	Final Waste-Water (TSS)	1		X											No Preservative			
RELINQUISHED BY: Frederick Blanding				DATE/TIME 08-08-2019/1332		RECEIVED BY:				O = AQ - Aqueous; NA - Nonaqueous; SL - Sludge; DW - Drinking Water WW - Wastewater; GW - Groundwater; SO - Soil; SW - Solid Waste AF - Air Filters; WP - Wipes; PT - Paint Chips; OF - Oil or Fuel; OT - Other											
RELINQUISHED BY:				DATE/TIME AUG 9 2019		RECEIVED BY: Bozeen				SAMPLE CONDITION									DISPOSITION OF SAMPLES:		
RELINQUISHED BY:				DATE/TIME 11:30		RECEIVED BY:				Precooled Y/N Preserved Y/N Evidence seals intact Y/N Preserved at Lab Y/N									Pick Up by client Y/N Return Y/N Dispose by Lab ** Y/N ** Extra charge added		
SPECIAL REQUIREMENTS OR INSTRUCTIONS:																					

# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Todd Kutz  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-OCT-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 04-A Conn: 100 ISMF#: 187436

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379

Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0187436-01 Date: 9/5/2019 Time(s): 08:10

Evaluation only (no sample)

Sampler: S. ATKISSON Description: clear, no layering, no odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>9/5/2019</u>

Sample#: 0187436-02 Date: 9/5/2019 Time(s): 08:10

Grab/field measurement

Sampler: S. ATKISSON Description: clear, no layering, no odor

pH-Instantaneous	pH	5-12.5	<u>7.42</u>
------------------	----	--------	-------------

Sample#: 0187436-03 Date: 9/5/2019 Time(s): 08:10

Grab

Sampler: S. ATKISSON Description: clear, no layering, no odor

Chemical Oxygen Demand	mg/L	<u>83</u>
Solids, Total Suspended	mg/L	<u>40.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

**Applicability:** These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

25 - 0379

facility number

15-OCT-2019

report due date

SEPT 2019

monitoring period

TOOD E KUTZ

print name

Plant Manager

title



signature

(attach to Industry Self-Monitoring Form)

10-1-2019

date



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154  
**Attn.:** Sterling Ross  
**Project Name:** NA  
**Purchase Order #:** 2019-0182

**Report Date:** September 16, 2019  
**Received Date:** September 6, 2019 11:30  
**Phone:** 858-699-7785 **Fax:**  
**Project #:** **Item #:**  
Regular TAT

Certificate of Analysis

**Lab No:** 190449-1 **Sample ID:** 1 **Matrix:** Wastewater  
**Sampled By:** S. Atkinson **Date:** 09/05/2019 **Time:** 08:10 **Source:** Final Waste-Water

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2019/09/11
Chemical Oxygen Demand (COD)	83	mg/l	1	HACH 8000	2019/08/12

QA/QC

Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.2	96.8	80 - 120	OK			
Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit	
						MS Recovery %	RPD %
20	83.0	83.0	101.0	98.1	0.00	75 - 125	20

Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Foud Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



# CHAIN OF CUSTODY RECORD

## ACL Work Order

190449

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER					PROJECT:		<b>ANALYSIS REQUESTED</b> <table border="1"> <tr> <td>COD</td> <td>TSS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						COD	TSS									<b>SPECIAL HANDLING</b> <input type="checkbox"/> 1-2 Hours Rush TAT (plus 250%) <input type="checkbox"/> 3-4 Hours Rush TAT (plus 200%) <input type="checkbox"/> Same Day Rush TAT (plus 150%) <input type="checkbox"/> 24 to 36 Hours TAT (plus 100%) <input type="checkbox"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="checkbox"/> Regular TAT (5 business Days)	
COD	TSS																							
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154					PHONE #: 619-618-2849																			
PROJECT MANAGER:					SAMPLER: S Atkisson		P.O. #2019-0182																	
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE O	SAMPLE DESCRIPTION	# OF CONT.																			
1 190449	9/05/19	8:10	GRAB	Final Waste-Water (COD)	1	X												Preserved in H2SO4						
2 -12	9/05/19	8:10	GRAB	Final Waste-Water (TSS)	1		X											No Preservative						
RELINQUISHED BY: <i>Frederick Blanding</i>				DATE/TIME 9-5-2019/0926		RECEIVED BY:				O = AQ - Aqueous NA - Nonaqueous, SL - Sludge; DW - Drinking Water, WW - Wastewater, GW - Groundwater, SO - Soil; SW - Solid Waste, AF - Air Filters, WP - Wipes, PT - Paint Chips, OF - Oil or Fuel, OT - Other														
RELINQUISHED BY				DATE/TIME SEP 06 2019		RECEIVED BY: <i>Born Munn</i>				SAMPLE CONDITION:				DISPOSITION OF SAMPLES:										
RELINQUISHED BY:				DATE/TIME 11:30 am		RECEIVED BY:				Precooled Preserved Evidence seals intact Preserved at Lab				Pick Up by client Return Dispose by Lab ** ** Extra charge added										
SPECIAL REQUIREMENTS OR INSTRUCTIONS:																								

Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues/Actions	15 Initials
7/16/19	Final Waste Water	10:25	10:30	9.36	7/16/19 8:55	7.0	6.93/7.00 4.31/4.01	Cloudy opaque color No odor No layering	SL
8/18/19	Final Wastewater	8:40	8:44	8.73	8:18 8:44	10.0	10.01 9.01 8.01 7.01 6.01 5.01 4.01 3.01 2.01 1.01	Cloudy Opaque color No odor - Sugar No odor - Lactose	7/2
9/5/19	Final Waste	8:10	8:15	7.72	9/5/19 8:10	10.0	10.01 9.01 8.01 7.01 6.01 5.01 4.01 3.01 2.01 1.01	TSS: 32.50 Cloudy, opaque color TSS: 2	SL



# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Todd Kutz  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-OCT-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 04-A

Conn: 100

ISM#: ~~187436~~ EXTRA

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379  
Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0187436-01 Date: 9-18-2019 Time(s): 11:30

Evaluation only (no sample)

Sampler: Frnd Blendings Description: clear, no layering, no odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>9-18-2019</u>

Sample#: 0187436-02 Date: 9-18-2019 Time(s): 11:30

Grab/field measurement

Sampler: Frnd Blendings Description: clear, no layering, no odor

pH-Instantaneous	pH	5-12.5	<u>5.42</u>
------------------	----	--------	-------------

Sample#: 0187436-03 Date: 9-18-2019 Time(s): 11:30

Grab

Sampler: Frnd Blendings Description: clear, no layering, no odor

Chemical Oxygen Demand	mg/L	<u>89</u>
Solids, Total Suspended	mg/L	<u>14</u>

WASTEWATER : CT Drain tanks



EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154

**Attn.:** Fred Blanding

**Project Name:** NA

**Purchase Order #:** 2019-0191

**Report Date:** September 26, 2019

**Received Date:** September 19, 2019 12:30

**Phone:** 858-699-7785 **Fax:**

**Project #:** Item #

Regular TAT

### Certificate of Analysis

**Lab No:** 190472-1

**Sample ID:** 1

**Matrix:** Wastewater

**Sampled By:** Fred Blanding

**Date:** 09/18/2019 **Time:** 11:30

**Source:** Final Waste-Water /CT Tanks

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	14	mg/l	0.5	SM 2540 D-1997	2019/09/25
Chemical Oxygen Demand (COD)	89	mg/l	1	HACH 8000	2019/09/20

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.4	97.6	80 - 120	OK			
Spike Added mg/l	Sample Concetration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery RPD %	
20	89.0	89.0	107.0	98.2	0.00	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Found Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.



Analytical Chemical Labs Inc.



8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
aclchem@sandiego.twcbe.com

# CHAIN OF CUSTODY RECORD

## ACL Work Order

190472

Page 1 Of 1

CLIENT NAME: PIO PIÑO ENERGY CENTER					PROJECT:		<b>ANALYSIS REQUESTED</b> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">COD</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS</div> </div>						<b>SPECIAL HANDLING</b> <input type="radio"/> 1- 2 Hours Rush TAT (plus 250%) <input type="radio"/> 3- 4 Hours Rush TAT (plus 200%) <input type="radio"/> Same Day Rush TAT (plus 150%) <input type="radio"/> 24 to 36 Hours TAT (plus 100%) <input type="radio"/> 48 - 72 Hours TAT (plus 50%) <input checked="" type="radio"/> Regular TAT (5 business Days)	
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154					PHONE #: 202-372-5444 e-mail: blandingf@southwestgen.com									
PROJECT MANAGER:			SAMPLER: Fred Blanding		P.O. #2019-0191									
LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE O	SAMPLE DESCRIPTION	# OF CONT.									REMARKS
190472-1	9/18/19	11:30	GRAB	Final Waste-Water/CT Drain Tanks (COD)	1	X								Preserved in H2SO4
-2	9/18/19	11:30	GRAB	Final Waste-Water/CT Drain Tanks (TSS)	1		X							No Preservative
RELINQUISHED BY: 		DATE/TIME 9-18-2019/0926		RECEIVED BY: 		O = AQ - Aqueous, NA - Nonaqueous, SL - Sludge, DW - Drinking Water WW - Wastewater, GW - Groundwater, SO - Soil; SW - Solid Waste AF - Air Filters; WP - Wipes; PT - Paint Chips, OF - Oil or Fuel, OT - Other								
RELINQUISHED BY:		DATE/TIME 09/19/19 12:30		RECEIVED BY:		SAMPLE CONDITION:				DISPOSITION OF SAMPLES:				
RELINQUISHED BY:		DATE/TIME		RECEIVED BY:		Precooled Y/N Preserved Y/N Evidence seals intact Y/N Preserved at Lab Y/N				Pick Up by client Y/N Return Y/N Dispose by Lab ** Y/N ** Extra charge added				
SPECIAL REQUIREMENTS OR INSTRUCTIONS:														



# INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities  
Industrial Wastewater Control Program  
9192 Topaz Wy San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Todd Kutz  
Pio Pico Energy Center  
7363 Calzada de la Fuente  
San Diego, CA 92154

\*\*\*\*\*  
\* RETURN REPORT \*  
\* by \*  
\* 15-NOV-2019 \*  
\*\*\*\*\*

IU# Pmt#: 25-0379 04-A Conn: 100 ISMF#: 187437

Site Address: 7363 Calzada de la Fuente, San Diego Permitted IW Flow: 13700  
Sample Point: from tanker trucks discharging Pio Pico's hauled sludge at Metro Pump  
Station #1 in compliance with Trucked Industrial Generator Permit #25-0379  
Laboratory Name: Analytical Chemical Labs \* COPY OF ANALYSIS REQUIRED \*

Sample#: 0187437-01 Date: 10/14/2019 Time(s): 08:29

Evaluation only (no sample)

Sampler: S. ATKISSON Description: clear, no layering, no odor

Parameter	Units	Daily Max	Result
1st discharge date of sampled wastewater	NA		<u>10/14/2019</u>

Sample#: 0187437-02 Date: 10/14/2019 Time(s): 08:29

Grab

Sampler: S. ATKISSON Description: clear, no layering, no odor

Chemical Oxygen Demand	mg/L	<u>86</u>
Solids, Total Suspended	mg/L	<u>&lt;0.5</u>



## SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123  
(858) 654-4100

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the IWCP must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

---

### CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

25 - 0379

facility number

15-NOV-2019

report due date

OCT 2019

monitoring period

Todd E Kutz

print name

Plant Manager

title



signature

(attach to Industry Self-Monitoring Form)

11-1-2019

date





EPA Reg. # CA01419 ELAP Cert. # 2505

**Client:** PIO PICO Energy Center  
7363 Calzada De La Fuente  
San Diego, CA 92154

**Attn.:** Fred Blanding

**Project Name:** NA

**Purchase Order #:** 2019-0214

**Report Date:** October 21, 2019

**Received Date:** October 15, 2019 13:20

**Phone:** 858-699-7785 **Fax:**

**Project #:** **Item #:**

Regular TAT

### Certificate of Analysis

**Lab No:** 190513-1

**Sample ID:** I

**Matrix:** Wastewater

**Sampled By:** Shane Atkinson

**Date:** 10/14/2019 **Time:** 08:29

**Source:** Final Waste-Water /CT Tanks

Parameter	Results	Units	DLR	Method	Analyzed
Suspended Solids, Total (TSS)	ND	mg/l	0.5	SM 2540 D-1997	2019/10/18
Chemical Oxygen Demand (COD)	86	mg/l	I	HACH 8000	2019/10/16

### QA/QC

#### Chemical Oxygen Demand (COD) HACH 8000 Method

LFB Concentration µg/l	LFB Foud Concentration µg/l	LFB Recovery %	QC Limit %				
25.0	24.2	96.8	80 - 120	OK			
Spike Added mg/l	Sample Concentration mg/l	Sample Dup. Concentration mg/l	MS Concentration mg/L	MS Recovery %	Dup. RPD %	QC Limit MS Recovery RPD %	
20	86.0	86.0	105.0	99.1	0.00	75 - 125	20

#### Suspended Solids, Total (TSS) SM 2540 D-1997

LPB Concentration µg/l	LPB Found Concentration µg/l	LPB Recovery %	QC Limit %	
0.0	0.0	100.0	80 - 120	OK

Approved: Andrew Moroz, MSChE  
Laboratory Director

ND = Not Detected

DLR = Detection Limit for Reporting

Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance.

8222 Vickers St., Suite 110  
San Diego, CA 92111-2118  
Phone: (619) 276-1558  
FAX: (619) 276-1581  
aelchem@sandiego.twcbe.com

190513

Page 1 Of 1

CLIENT NAME: PIO PICO ENERGY CENTER						PROJECT:																					
ADDRESS: 7363 CALZADA DE LA FUENTE SAN DIEGO, CA 92154								PHONE #: 202-372-5444  e-mail: blandingf@southwestgen.com																			
PROJECT MANAGER:						SAMPLER: Shane Atkisson						P.O. #2019-0214															
LAB I.D.#		DATE SAMPLED		TIME SAMPLE		SAMPLE TYPE O		SAMPLE DESCRIPTION						# OF CONT.										REMARKS			
100513		10/14/19		0829		GRAB		Final Waste-Water/CT Drain Tanks (COD)						1		X								Preserved in H <sub>2</sub> SO <sub>4</sub>			
— — —		10/14/19		0829		GRAB		Final Waste-Water/CT Drain Tanks (TSS)						1		X								No Preservative			
RELINQUISHED BY: Shane Atkisson				DATE/TIME 10-14-2019/1102				RECEIVED BY: 				O = AQ - Aqueous; NA - Nonaqueous; SL - Sludge; DW - Drinking Water WW - Wastewater; GW - Groundwater; SO - Soil; SW - Solid Waste AF - Air Filters; WP - Wipes; PT - Paint Chips; OF - Oil or Fuel; OT - Other															
RELINQUISHED BY:				DATE/TIME OCT 15 2019 13:20				RECEIVED BY:				SAMPLE CONDITION Precooled Y/N Preserved Y/N Evidence seals intact Y/N Preserved at Lab Y/N								DISPOSITION OF SAMPLES: Pick Up by client YES Return YES Dispose by Lab ** YES ** Extra charge added							
RELINQUISHED BY:				DATE/TIME				RECEIVED BY:																			
SPECIAL REQUIREMENTS OR INSTRUCTIONS:																											

Date	Analysis Purpose	Sample Time	Analysis Time	Sample pH	Cal Date/Time	Cal Buffer pH	Cal Response pH	Issues Actions Description.	
6/19	Final Waste Water	10:25	10:30	9.36	7/16/19 @ 0855	7.0 4.0 10.0	6.93/7.00 4.31/4.01 10.29/10.06	Cloudy, opaque color No odor No layering TSS: 685	SL
8/19	FINAL WASTE WATER	8:40	8:44	8.73	8:18 <del>8:18</del>	7.0 4.0 10.0	7.01/7.00 4.21/4.01 10.26/10.01	CLOUDY OPAQUE COLOR NO ODOR - SLIGHT NO LAYERING TSS: 3250	ME
8/19	FINAL WASTE	8:10	8:15	7.42	9/5/19 @ 8:10	7 4 10	6.87/7.00 4.01/4.00 9.97/10.00	CLEAR, NO LAYER TSS: 2 NO ODO	SL
11/21/19	FINAL WASTE CT DRAIN TANK	11:30	11:33	5.42	11/18/19 11:20	7 4 10	7.16/7.00 4.77/4.00 10.93/10.00	CLEAR, NO LAYER NO ODO SAMPLE TAKEN OFF TROUGH. NO TSS	ME
11/14/19	FINAL WASTE	08:29	08:31	7.34	11/14/19 08:21	7 4 10	7.03/7.00 4.31/4.01 10.00/10.07	CLEAR, NO LAYER TSS: 3 NO ODO	SSA

## **Attachment 8: Transmission Line Safety and Nuisance**





**RCP-NERC-FAC-ATT-003B**  
**PIO PICO ENERGY CENTER - SAN DIEGO, CA**

Referencing Documents:  
RCP-NERC-FAC-003-3

Rev. 0  
Revision Date: June 1, 2016

**Transmission Vegetation Inspection Form**

Date Inspection Performed

10 APR 2019

Name of Inspector

FREDERICK CLANDINE

Transmission Line being inspected:

From Tower(s): 1 to Tower(s): 5

Type of Inspection: VEGETATION

Description and Results:

NO CONCERN AT THIS TIME. PICS IN MP1

Document any issues found that need repair or results of previous work performed.

Results / Description:

N/A

Document any other issues found on patrol below.

Results / Description:

N/A

# PIO PICO ENERGY CENTER - SAN DIEGO, CA

Referencing Documents:  
NERC-FAC-003-4

Rev. 1  
Revision Date: April 17, 2018

## Transmission Vegetation Inspection Form

Date Inspection Performed

2 JULY 2019

Name of Inspector

F. BLANDING / HENRY BUCH

Transmission Line being inspected:

From Tower(s): 1 to Tower(s): 5

Type of Inspection: VEGETATION

Description and Results:

NO DANGER OF TREES GETTING CLOSE TO POWER LINES. INSULTAN SAT.

Document any issues found that need repair or results of previous work performed.

Results / Description:

BRANCHES THAT WERE CUT LAST QUARTER MOVED OUT OF WALKWAY

Document any other issues found on patrol below.

Results / Description:

GABREAL CUT MORE BRANCHES/SMALL TREES ON 5 JULY.

# PIO PICO ENERGY CENTER - SAN DIEGO, CA

Referencing Documents:  
NERC-FAC-003-4

Rev. 1  
Revision Date: April 17, 2018

## Transmission Vegetation Inspection Form

Date Inspection Performed **2 October 2019**

Name of Inspector **Frederick Blanding/Henry Bucu/Gabreal Velasquez**

Transmission Line being inspected: **Pole 1-5**

---

From Tower(s): **1** to Tower(s): **5**

Type of Inspection: **Transmission Vegetation Inspection**

Description and Results:

**Identified several small trees that needed to be cut in the near future. No other issues found.**

Document any issues found that need repair or results of previous work performed.

Results / Description:

**Identified several small trees that needed to be cut in the near future. Trees were cut down by Gabreal using a machete**

Document any other issues found on patrol below.

Results / Description:

**None**

**Notes Section** - Use this section to document work that still needs to be completed and verification that work was done to specifications or line issues from relay operations.

**None**



## **Attachment 9: Traffic and Transportation**

# TRUCKED INDUSTRIAL WASTE GENERATOR PERMIT APPLICATION

RECEIVED

Return to: City of San Diego - Industrial Waste Program  
9192 Topaz Way - San Diego, Ca 92123  
Ph: 858-654-4100 FAX: 858-654-4110

1) Business Name of Applicant: PIO PICO ENERGY CENTER, LLC		JUL 02 2019		Phone: 619-344-0490	Fax:
2) Contact Person: TODD KUTZ		IWCP		Title: PLANT MANAGER	
3) Facility Address: 7363 CALZADA DE LA FUENTE, SAN DIEGO, CA 92154					
4) Mailing Address: 7363 CALZADA DE LA FUENTE, SAN DIEGO, CA 92154					
5) Requested duration of permit: From 8/1/2019 To: 8/1/2020 (Start Date) (End Date)				6) Name of Waste Hauler: NRC ENVIRONMENTAL SERVICES	
Estimated number of Gallons to be discharged: 13,700 GALLONS PER DAY				Permit Number of Waste Hauler: 25- 0333 - JAX IIA (Must have active Industrial Waste Hauler permit)	
7) Name of facility and location where waste is generated: PIO PICO ENERGY CENTER, 7363 CALZADA DE LA FUENTE, SAN DIEGO, CA 92154					
8) Description of Waste: INDUSTRIAL WASTEWATER CONTAINING CONVENTIONAL POLLUTANTS FROM ELECTRICITY GENERATING OPERATIONS					
9) Is wastewater receiving any form of pretreatment before disposal? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES. Describe:			10) Is wastewater generated by processes subject to federal categorical regulation? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES. Describe:		
11) Indicate constituents known or expected to be present in this wastewater based on generator knowledge: <input type="checkbox"/> Caustics/Acids <input type="checkbox"/> Pesticides/PCBs <input type="checkbox"/> Saltwater <input type="checkbox"/> Mud, Sand, Silt <input checked="" type="checkbox"/> Other, List: DISSOLVED SOLIDS <input type="checkbox"/> Flammable substances <input type="checkbox"/> Radioactive Substances <input type="checkbox"/> Oil or Grease <input type="checkbox"/> Solvents, List: <input type="checkbox"/> Metals (circle those that apply) Cadmium, Copper, Chromium, Lead, Nickel, Mercury, Selenium, Silver, Zinc					
12) Attach a copy of the lab analysis. Include all analyses performed using EPA approved methods. Lab Name: Analysis Number:					
Permittee's Certification: I hereby certify that the information found in this application is familiar to me, and is complete and accurate to the best of my knowledge. I certify that the wastes that will be discharged under this permit are not hazardous wastes as defined in the Federal Resource Conservation and Recovery Act (RCRA) and by state or local regulations. I have received and read both the Trucked Waste Requirements & Procedures and the Department of Health Services' Hazardous Waste Requirements bulletin, and I agree to comply with the policies and requirements set forth therein. I certify that the wastes that will be discharged under this permit meet applicable Federal and local limits.					
13) Print Name: Todd E. Kutz				Title: Plant Manager	
14) Signature: <i>Todd E. Kutz</i>				Date: 7-1-2019	

TO BE COMPLETED BY THE CITY

The following constituent limitations are applicable to this permit:				ARIS/PIMS AR# C248		Approved By SEC <i>DRG</i>	
<input checked="" type="checkbox"/> pH	5-12.5	<input type="checkbox"/> Cadmium	1 mg/L	TWRP 7/18		Effective 01-AUG-2019	
<input checked="" type="checkbox"/> Oil/Grease	500 mg/L	<input type="checkbox"/> Chromium	5 mg/L	RCRA 7/12		Expires 01-AUG-2020	
<input type="checkbox"/> Copper	11 mg/L	<input type="checkbox"/> Nickel	13 mg/L	Permit Number 25-0379-04A <input checked="" type="checkbox"/> Renewal <input type="checkbox"/> New			
<input type="checkbox"/> Lead	5 mg/L	<input checked="" type="checkbox"/> COD	NA				
<input type="checkbox"/> Zinc	24 mg/L	<input checked="" type="checkbox"/> TSS	NA				
Self-monitoring for the constituents listed above is required Quarterly							
The first self-monitoring report is due 15-NOV-2019							

## TRUCKED WASTE REQUIREMENTS CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Applicability: Any industry seeking a Trucked Domestic Waste Hauler Permit, Trucked Industrial Waste Hauler Permit, or a Trucked Industrial Waste Generator Permit must certify in writing that they are familiar with the current Trucked Waste Requirements and Procedures and the Department of Toxic Substances Control Hazardous Waste Generator Requirements documents provided at the time of permit application. To report compliance with this requirement, the following statement must be submitted, signed as required in the **Trucked Waste Requirements and Procedures Section H: Signatory Requirements**.

### KNOWLEDGE OF TRUCKED WASTE REQUIREMENTS CERTIFICATION STATEMENT

Based on my management of operations at the permitted facility, or my inquiry of the person or persons so managing, I certify we have received and are familiar with the requirements detailed in the following Trucked Waste Permit Documents:

- Trucked Waste Requirements and Procedures (Revised July 2018)
- Hazardous Waste Generator Requirements California Environmental Protection Agency (CAL/EPA), Department of Toxic Substances Control (DTSC)

I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	-	0	3	7	9
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Facility Number

PIO PICO ENERGY CENTER, LLC

Facility Name

TODD E. KUTZ

Print Name

PLANT MANAGER

Title

Signature



Date

7-1-2019

## Confirmation / Delegation of Signatory Authority

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way MS 901D San Diego, CA 92123-1119  
(858) 654-4100

Persons signing reports, applications, and certification statements pursuant to an Industrial User Discharge Permit must satisfy the signatory authority requirements set forth at 40 CFR 403.12(l); see back of form. Anyone satisfying the requirements under (a), (b), or (c) is considered a primary authority. Signatory authority may be also delegated to another representative by an authorized individual.

If a primary authority will be signing reports, applications, and certification statements, they must complete sections 1 and 3 and return. To delegate signatory authority, also complete section 2.

### SECTION 1: Primary Signatory Authority Verification

2	5	-	0	3	7	9
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Industry Number

Facility Name Pio Pico Energy Center, LLC  
Street Address 7363 Calzada De La Fuente  
City, State, Zip San Diego, CA 92154

I certify that I qualify for signatory authority, as set forth in 40 CFR 403.12(l), based on the following criteria:

check one: ☒ (a)(i) ☐ (a)(ii) ☐ (b) ☐ (c)

### SECTION 2: Delegation of Signatory Authority (optional)

I hereby delegate signatory authority for: ☒ applications, ☒ compliance / self-monitoring reports, and/or ☒ certification statements submitted to the Industrial Wastewater Control Program to:


Todd E. Kutz  
Name

Plant Manager  
Title

I further certify the duly authorized representative has responsibility for: ☒ the overall operation of the facility from which the industrial discharge originates, or ☐ has overall responsibility for environmental matters for the company.

### SECTION 3: Primary Authority Signature

David Rhodes  
Print Primary Authority Name

  
Primary Authority Signature

SVP of Asset Management and Operations  
Title

July 3, 2019  
Date

Mailing Address 600 17th Street, Suite 2400S

phone (303) 623-2772

City, State, Zip Denver, CO 80202

email RhodesD@Southwestgen



### **Signatory Requirements (40 CFR 403.12(l))**

All applications and reports submitted to the Industrial Wastewater Control Program must contain the following certification statement and be signed as required in Sections (a), (b), (c), or (d) below:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

- a) By a responsible corporate officer, if the Industrial User submitting the reports is a corporation. For the purpose of this paragraph, a responsible corporate officer means:
  - (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or;
  - (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- b) By a general partner or proprietor if the Industrial User submitting the reports is a partnership or sole proprietorship, respectively.
- c) The principal executive officer or director having responsibility for the overall operation of the discharging facility if the Industrial User submitting the reports is a Federal, State, or Local governmental entity, or their agents.
- d) By a duly authorized representative of the individual designated in paragraph (a), (b), or (c) of this section if:
  - (i) the authorization is made in writing by the individual described in paragraph (a), (b), or (c);
  - (ii) the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of plant manager, operator of a well, or a well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
  - (iii) the written authorization is submitted to the City.

## TRUCKED WASTE REQUIREMENTS CERTIFICATION

City of San Diego Public Utilities Dept  
Industrial Wastewater Control Program  
9192 Topaz Way, San Diego, CA 92123-1119  
Tel (858) 654-4100 Fax (858) 654-4110

Applicability: Any industry seeking a Trucked Domestic Waste Hauler Permit, Trucked Industrial Waste Hauler Permit, or a Trucked Industrial Waste Generator Permit must certify in writing that they are familiar with the current Trucked Waste Requirements and Procedures and the Department of Toxic Substances Control Hazardous Waste Generator Requirements documents provided at the time of permit application. To report compliance with this requirement, the following statement must be submitted, signed as required in the Trucked Waste Requirements and Procedures Section H: Signatory Requirements.

### KNOWLEDGE OF TRUCKED WASTE REQUIREMENTS CERTIFICATION STATEMENT

Based on my management of operations at the permitted facility, or my inquiry of the person or persons so managing, I certify we have received and are familiar with the requirements detailed in the following Trucked Waste Permit Documents:

- Trucked Waste Requirements and Procedures (Revised July 2018)
- Hazardous Waste Generator Requirements California Environmental Protection Agency (CAL/EPA), Department of Toxic Substances Control (DTSC)

I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2	5	—	0	3	3	3
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Facility Number

NRC Environmental Services, Inc.

Facility Name

Laura Scott

Print Name

Project Manager

Title

Laura Scott

Signature

April 19, 2019

Date

<b>TRUCKED INDUSTRIAL WASTE HAULER PERMIT APPLICATION</b>		Return to: City of San Diego - Industrial Wastewater Control Program 9192 Topaz Way - San Diego, Ca 92123 Ph: 858-654-4100 FAX: 858-654-4110
1) Business Name of Applicant: NRC Environmental Services, Inc.		Phone: (619) 235-3320 Email: lascott@nrcc.com
2) Contact Person: Laura Scott		Title: Project Manager
3) Facility Address: 2950 Kurtz Street, San Diego, CA 92110		
4) Mailing Address: (same)		
5) List the trucks/trailers that will be used to haul permitted wastewater. For tractor/trailers, provide information for the trailer only. Trucks not listed will not be allowed to discharge wastes.		
Truck/Trailer Make/Model	Year	Model/ Capacity (gallons)
License Number		
- Please see attachment for complete list of vehicles -		
Permittee's Certification: I hereby certify that the information found in this application is familiar to me and is complete and accurate to the best of my knowledge. I agree to provide a clean truck such that the wastes covered under one permit are not mixed with any other permitted or unpermitted wastes. I have received and read both the Trucked Waste Requirements & Procedures and the Department of Health Services' Hazardous Waste Requirements bulletin, and I agree to comply with the policies and requirements set forth therein.		
6) Print Name: Laura Scott		Title: Project Manager
7) Signature: <i>Laura Scott</i>		Date: April 19, 2019
<b>TO BE COMPLETED BY THE CITY</b>		
TWRP <i>7/18</i>	AR# <i>6248</i>	Effective <i>01-MAY-2019</i>
RCRA <i>7/12</i>	Approved By <i>SEC NRC</i>	Expires <i>01-MAY-2020</i>
Permit Number <i>25-0333-11A</i>		



**DEC****County of San Diego****2019****DEPARTMENT OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL HEALTH PERMIT**

P.O. BOX 129261, SAN DIEGO, CA 92112-9261 / (858) 505-6700 / (800) 253-9933 / FAX (858) 505-6848  
www.sdcdeh.org

Owner/Operator Name: **PAUL TAVIERA**  
Facility Name: **NRC ENVIRONMENTAL SERVICES INC**  
Facility Located at: **2950 KURTZ ST, SAN DIEGO, CA 92110**  
Mailing Address:  
**PAUL TAVIERA**  
**2950 KURTZ ST, SUITE F**  
**SAN DIEGO, CA 92110**



**Elise Rothschild**  
Director

Record Number: **DEH2011-LSHOP-400018**

**SEWAGE HAULER OPERATING PERMIT**

Permit valid: **1/1/2019 to 12/31/2019**

RENEWAL IS REQUIRED BEFORE EXPIRATION DATE

**Permit Information:**

- Number of Trucks: 11
- Decal Number(s): 947-957

**ATTENTION**

- A copy of this permit must be maintained at the facility location.
- Permit is not valid for any facility location or owner not listed above.
- This permit is not transferable. Any change in the above owner, location or mailing address or business activity must be reported by submitting a written change to the department.
- This is not a City or County use permit, nor a permit to operate under any other regulatory program. Other permits may be required for these operations at this location.

This permit is provisional. The Director or designee of the Director may order the permit or any permit element be denied, suspended or revoked for violation of any relevant requirement established or provided by law. This permit does not excuse any owner or operator from complying with all applicable federal, state, county or local laws, ordinance or regulations. The owner or operator is required to determine if another permit or approval from any other agency or department is necessary. The County, by issuing this permit, does not relinquish its right to enforce any violation of law.




**DEPARTMENT OF MOTOR VEHICLES**  
 MOTOR CARRIER SERVICES BRANCH MS G875  
 P.O. BOX 932370 Sacramento, CA. 94232-3700  
 (916) 657-8153

11/28/2007



NRC ENVIRONMENTAL SERVICES INC  
 1605 FERRY POINT  
 ALAMEDA, CA 94501

 <b>NON-EXPIRING MOTOR CARRIER PERMIT Combined Carrier</b>	
<b>DEPARTMENT OF MOTOR VEHICLES</b> Motor Carrier Services Branch P.O. BOX 932370 Sacramento, CA. 94232-3700  NRC ENVIRONMENTAL SERVICES INC 1605 FERRY POINT ALAMEDA, CA 94501	
Valid From:	11/27/2007
Valid Through:	Non-Expiring
CA#:	0104989
The carrier named on this permit is subject to the Unified Carrier Registration Act (UCRA) of 2005, and is granted a non-expiring permit of the following classification:  <p style="text-align: center;"><b>Private Corporation</b></p>	
<b>Not Valid for Intrastate Only Operations</b>	
Pmt Date: N/A	Office #: 154
Account #: 328702	Tech ID: NK
Sequence #: 0039	Amt Paid: No Fee

**!!!IMPORTANT REMINDERS!!!**

1. This non-expiring Motor Carrier Permit (MCP) will remain valid as long as you continue to conduct interstate operations. The Unified Carrier Registration Act (UCRA) of 2005 exempts combined carriers (carriers who operate both intra and interstate) from MCP requirements.
2. Federal Motor Carrier Safety Administration insurance requirements must be maintained.
3. If you commence intrastate only operations, you must renew your MCP.

California Relay Telephone Service for the deaf or hearing impaired from TDD Phones: 1-800-735-2929; from Voice Phones: 1-800-735-2922



STATE OF CALIFORNIA  
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

**HAZARDOUS MATERIALS  
TRANSPORTATION LICENSE**

CHP 360H (REV. 1/00) OPI 062

LICENSEE NAME AND PHYSICAL STATION ADDRESS (if different than below)

**U S WATER SERVICES INC  
330 S CLEVELAND STREET  
CAMBRIDGE MN, US 55008**

LICENSEE NAME AND MAILING ADDRESS

**Attention: Travis Buckallew  
U S WATER SERVICES INC  
330 S CLEVELAND STREET  
CAMBRIDGE MN, US 55008**

CONTROL NUMBER	LICENSE NUMBER	ISSUE DATE	EFFECTIVE DATE	EXPIRATION DATE
235463	139496	4/9/2019	5/1/2019	4/30/2020
CHP CARRIER NUMBER	LOCATION	<input type="checkbox"/> Duplicate	<input type="checkbox"/> Replacement	
CA 385987	999	<input type="checkbox"/> Initial	<input checked="" type="checkbox"/> Renewal	

**PROPERTY OF THE CALIFORNIA HIGHWAY PATROL (CHP)**

The original valid license must be kept at the licensee's place of business as indicated on the license and a legible copy must be carried in any vehicle or combination transporting hazardous materials and must be presented to any CHP officer upon request. This license is NON-TRANSFERABLE and must be surrendered to the CHP upon demand or as required by law. A majority change in ownership or control of the licensed activity shall require a new license. This license may be renewed by submitting an application and appropriate fee to the CHP. Persons whose licenses have expired or are otherwise no longer valid must immediately cease the activity requiring a license. THERE IS NO GRACE PERIOD. For licensing information contact CHP, Commercial Vehicle Section at (916) 843-3400.

This carrier is on the special routing/safe stopping place mailing lists as indicated below:

- ☐ (HMX) Explosives subject to Division 14, California Vehicle Code (CVC).  
☐ (HMPH) Poison Inhalation Hazard materials in bulk packages subject to Division 14.3, CVC.  
☐ (HMRCQ) Highway Route Controlled Quantity radioactive materials subject to Division 14.5, CVC.

Any person who dumps, spills, or causes the release of hazardous materials or hazardous waste upon any highway shall immediately notify the CHP or the agency having jurisdiction for that highway. The minimum fine for failure to make the appropriate notification is \$2,000.00. (CVC Section 23112.5)

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION



**HAZARDOUS MATERIALS  
CERTIFICATE OF REGISTRATION  
FOR REGISTRATION YEAR(S) 2019-2022**

**Registrant:** US WATER SERVICES INC  
ATTN: Travis Buckallew  
330 SOUTH CLEVELAND ST  
CAMBRIDGE, MN 55008

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

**Reg. No: 050719550100BD    Effective: July 1, 2019    Expires: June 30, 2022**

**HM Company ID: 52843**

**Record Keeping Requirements for the Registration Program**

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

- (1) A copy of the registration statement filed with PHMSA; and
- (2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-52, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590, telephone (202) 366-4109.



STATE OF CALIFORNIA  
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

# HAZARDOUS MATERIALS TRANSPORTATION LICENSE

CHP 360H (REV. 1/00) OPI 062

CONTROL NUMBER	LICENSE NUMBER	ISSUE DATE	EFFECTIVE DATE	EXPIRATION DATE
235135	135331	3/11/2019	4/1/2019	3/31/2020
CHP CARRIER NUMBER	LOCATION	<input type="checkbox"/> Duplicate	<input type="checkbox"/> Replacement	
CA 272870	550	<input type="checkbox"/> Initial	<input checked="" type="checkbox"/> Renewal	

## PROPERTY OF THE CALIFORNIA HIGHWAY PATROL (CHP)

The original valid license must be kept at the licensee's place of business as indicated on the license and a legible copy must be carried in any vehicle or combination transporting hazardous materials and must be presented to any CHP officer upon request. This license is NON-TRANSFERABLE and must be surrendered to the CHP upon demand or as required by law. A majority change in ownership or control of the licensed activity shall require a new license. This license may be renewed by submitting an application and appropriate fee to the CHP. Persons whose licenses have expired or are otherwise no longer valid must immediately cease the activity requiring a license. THERE IS NO GRACE PERIOD. For licensing information contact CHP, Commercial Vehicle Section at (916) 843-3400.

### LICENSEE NAME AND PHYSICAL STATION ADDRESS (if different than below)

**BRENNTAG PACIFIC, INC.**  
**10747 PATTERSON PL**  
**SANTA FE SPRINGS CA, US 90670**

### LICENSEE NAME AND MAILING ADDRESS

**Attention: MARCELO NAVIA**  
**BRENNTAG PACIFIC, INC.**  
**10747 PATTERSON PL**  
**SANTA FE SPRINGS CA, US 90670**

This carrier is on the special routing/safe stopping place mailing lists as indicated below:

- ☐ (HMX) Explosives subject to Division 14, California Vehicle Code (CVC).
- ☐ (HMPH) Poison Inhalation Hazard materials in bulk packages subject to Division 14.3, CVC.
- ☐ (HMRCQ) Highway Route Controlled Quantity radioactive materials subject to Division 14.5, CVC.

Any person who dumps, spills, or causes the release of hazardous materials or hazardous waste upon any highway shall immediately notify the CHP or the agency having jurisdiction for that highway. The minimum fine for failure to make the appropriate notification is \$2,000.00. (CVC Section 23112.5)



**UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION**



**HAZARDOUS MATERIALS  
CERTIFICATE OF REGISTRATION  
FOR REGISTRATION YEAR(S) 2018-2021**

**Registrant:** BRENNTAG PACIFIC INC  
ATTN: Marcelo Navia  
10747 PATTERSON PLACE  
SANTA FE SPRINGS, CA 90670

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

**Reg. No: 050718550044AC    Effective: July 1, 2018    Expires: June 30, 2021**

**HM Company ID: 71265**

**Record Keeping Requirements for the Registration Program**

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

- (1) A copy of the registration statement filed with PHMSA; and
- (2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-52, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590, telephone (202) 366-4109.



STATE OF CALIFORNIA  
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

# HAZARDOUS MATERIALS TRANSPORTATION LICENSE

CHP 360H (REV. 1/00) OPI 062

CONTROL NUMBER	LICENSE NUMBER	ISSUE DATE	EFFECTIVE DATE	EXPIRATION DATE
233679	140107	1/4/2019	2/1/2019	1/31/2020
CHP CARRIER NUMBER	LOCATION	<input type="checkbox"/> Duplicate	<input type="checkbox"/> Replacement	
CA 312761	840	<input type="checkbox"/> Initial	<input checked="" type="checkbox"/> Renewal	

## PROPERTY OF THE CALIFORNIA HIGHWAY PATROL (CHP)

The original valid license must be kept at the licensee's place of business as indicated on the license and a legible copy must be carried in any vehicle or combination transporting hazardous materials and must be presented to any CHP officer upon request. This license is NON-TRANSFERABLE and must be surrendered to the CHP upon demand or as required by law. A majority change in ownership or control of the licensed activity shall require a new license. This license may be renewed by submitting an application and appropriate fee to the CHP. Persons whose licenses have expired or are otherwise no longer valid must immediately cease the activity requiring a license. THERE IS NO GRACE PERIOD. For licensing information contact CHP, Commercial Vehicle Section at (916) 843-3400.

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- ☐ (HMPH) Poison Inhalation Hazard materials in bulk packages subject to Division 14.3, CVC.
- ☐ (HMRCQ) Highway Route Controlled Quantity radioactive materials subject to Division 14.5, CVC.

Any person who dumps, spills, or causes the release of hazardous materials or hazardous waste upon any highway shall immediately notify the CHP or the agency having jurisdiction for that highway. The minimum fine for failure to make the appropriate notification is \$2,000.00. (CVC Section 23112.5)

LICENSEE NAME AND PHYSICAL STATION ADDRESS (if different than below)

AIRGAS SPECIALTY PRODUCTS  
6270 WILDERNESS AVENUE  
RIVERSIDE CA, US 92504

LICENSEE NAME AND MAILING ADDRESS

Attention: OPERATION MANAGER  
AIRGAS SPECIALTY PRODUCTS  
6270 WILDERNESS AVENUE  
RIVERSIDE CA, US 92504

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION



**HAZARDOUS MATERIALS  
CERTIFICATE OF REGISTRATION  
FOR REGISTRATION YEAR(S) 2017-2020**

**Registrant:** AIRGAS SPECIALTY PRODUCTS INC  
Attn: SANDEE MORELAND  
2530 SEVER ROAD, SUITE 300  
LAWRENCEVILLE, GA 30043

T/M

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

**Reg. No: 051917 600 003ZB**

**Effective: 07/01/2017**

**Expires: 06/30/2020**

**HM Company ID: 079344**

**Record Keeping Requirements for the Registration Program**

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

- (1) A copy of the registration statement filed with PHMSA; and
- (2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-52, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590, telephone (202) 366-4109.

## **Attachment 10: Surface Treatment Maintenance**



# Pio Pico Energy Center

## Surface Treatment Status Report

This status report complies with the requirements outlined in the California Energy Commission's Condition of Certification VIS-1 for the Pio Pico Energy Center, for Pio Pico Energy Center LLC to provide a status report regarding surface treatment maintenance in the Annual Compliance Report. This status report specifies a) the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.

Surface Treatment Inspection Date: 9-3-2019

Inspector Name: Todd Kutz

Major Project Features <sup>1</sup>	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 3 LMS 100 Combustion Turbine	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 3 LMS 100 Air Inlet Structure	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 3 LMS 100 VBV Stack	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year

<sup>1</sup> The major project features identified in this status report are those listed in the project's approved Surface Treatment Plan, dated November 10, 2016.

<b>Major Project Features<sup>1</sup></b>	<b>Current Condition of Feature Surface Treatment</b>	<b>Maintenance Activities that Occurred During Reporting Year</b>	<b>Schedule of Maintenance Activities to Occur Over the Next Year</b>
Qty 3 LMS 100 Emission Control Modules	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 3 LMS 100 Exhaust Stack	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Wet Surface Air Cooler (WSAC)	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Air Cooled Heat Exchanger (ACHE)	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Administration Building	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Water Treatment Building	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 3 Gas Compressor Enclosures	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year



<b>Major Project Features<sup>1</sup></b>	<b>Current Condition of Feature Surface Treatment</b>	<b>Maintenance Activities that Occurred During Reporting Year</b>	<b>Schedule of Maintenance Activities to Occur Over the Next Year</b>
Waste Water Collection Tank	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Demin Water Tank	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Service / Fire Water Tank	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Circulating Water Expansion Tank	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 3 LMS 100 Power Control Modules (PCMs)	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Switchyard Structures and Transmission Line Poles	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
High-voltage energized parts	Excellent	Performed a biannual cleaning on the insulators with DI water	No maintenance anticipated to be necessary over the next year

<b>Major Project Features<sup>1</sup></b>	<b>Current Condition of Feature Surface Treatment</b>	<b>Maintenance Activities that Occurred During Reporting Year</b>	<b>Schedule of Maintenance Activities to Occur Over the Next Year</b>
High-voltage insulation	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Permanent Fencing	Excellent	Added panic bar with alarm to Emergency Exit Gates	No maintenance anticipated to be necessary over the next year
Insulation / lagging	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year



## **Attachment 11: Landscape Maintenance**

# Quality Site Assessment

## General Information

**Property Name:** Pio Pico Energy Center, LLC

**Date:** Monday, November 19, 2018

**Next Inspection Date:** Tuesday, January 23, 2018

**Client Attendees:**

**Brightview Attendees:** Tim Sayegh, Roman Marquez

## CUSTOMER FOCUS AREA:

Property appearance and irrigation Management

## MAINTENANCE ITEMS:

- 1) Crew has been working diligently addressing weeds as they arise. Abatement will most likely need to happen in Spring of '19
- 2) Myoporum has been installed under warranty along the back slope. More flats will be installed to sparse areas in December
- 3) Trees are being lifted and pruned off of fence
- 4) Gusty winds in November caused tree support poles to break. BV will make adjustments and bill for replacements as needed
- 5) Pistache trees have gone into dormancy dropping their leaves. Trees still have signs of good health
- 6) Crew will continue to edge the ground cover making a nice border and separation from trees/plants
- 7) Repairs have been made to the irrigation wires controlling the irrigation along Alta Road. Ground cover is recovering nicely
- 8) Mexican Bird of Paradise are also in a state of dormancy with signs of life
- 9) Myoporum has been fertilized and has really began to fill in most areas leaving very few bare patches
- 10) Struggling Podocarpus is beginning to bounce back. BV will replace under warranty if needed
- 11) Spurge weeds have been sprayed and killed and will be removed on our site visit
- 12) The addition of irrigation to Podocarpus on back slope has proven to help the growth of Podocarpus. BV will evaluate in Spring and cap off if trees are still performing well

## RECOMMENDATIONS FOR PROPERTY ENHANCEMENTS:

- 1) Mulch will be applied in 2019

## NOTES TO OWNER/CLIENT:

# Quality Site Assessment

## Maintenance Items

Crew has been working diligently addressing weeds as they arise. Abatement will most likely need to happen in Spring of '19



[ 1 / 12 ]

## Maintenance Items

Myoporum has been installed under warranty along the back slope. More flats will be installed to sparse areas in December



[ 2 / 12 ]

## Maintenance Items

Trees are being lifted and pruned off of fence



[ 3 / 12 ]

## Maintenance Items

Gusty winds in November caused tree support poles to break. BV will make adjustments and bill for replacements as needed



[ 4 / 12 ]



# Quality Site Assessment

## Maintenance Items

Pistache trees have gone into dormancy dropping their leaves. Trees still have signs of good health



[ 5 / 12 ]

## Maintenance Items

Crew will continue to edge the ground cover making a nice border and separation from trees/plants



[ 6 / 12 ]

## Maintenance Items

Repairs have been made to the irrigation wires controlling the irrigation along Alta Road. Ground cover is recovering nicely



[ 7 / 12 ]

## Maintenance Items

Mexican Bird of Paradise are also in a state of dormancy with signs of life



[ 8 / 12 ]



# Quality Site Assessment

## Maintenance Items

Myoporum has been fertilized and has really began to fill in most areas leaving very few bare patches



[ 9 / 12 ]

## Maintenance Items

Struggling Podocarpus is beginning to bounce back. BV will replace under warranty if needed



[ 10 / 12 ]

## Maintenance Items

Spurge weeds have been sprayed and killed and will be removed on our site visit



[ 11 / 12 ]

## Maintenance Items

The addition of irrigation to Podocarpus on back slope has proven to help the growth of Podocarpus. BV will evaluate in Spring and cap off if trees are still performing well



[ 12 / 12 ]

# Quality Site Assessment

## Recommendations for Property Enhancements

Mulch will be applied in 2019



[1/1]

## Monthly Landscaping walk with Landscaping Company

Todd Kutz, Tim Sayegh

12-18-2018 0900

### Landscaping walk down:

- Walked the perimeter of property outside the fence. All trees, ground cover and shrubs look healthy and good. The broken pole by some the trees were replaced
- North side of property inside fence line looks good. Ground cover trimmed back off cement.
- Northwest corner of property with rocks looks good.
- East slope looks more filled in with some myoporum flats added
- East slope weeds are starting to return.
- East area between asphalt and landscaping still looks good.

## Monthly Landscaping walk with Landscaping Company

Todd Kutz, Tim Sayegh

1-24-2019 0900

### Landscaping walk down:

- Site has seen a lot of rain over the month, irrigation has been turned way back
- Walked the perimeter of property outside the fence. All trees, ground cover and shrubs look healthy and good. Some of the shrubs may have been hit by cold temps, will wait and see.
- North side of property inside fence line looks good. Ground cover trimmed back off cement.
- Northwest corner of property with rocks starting weed growth.
- East slope weed mitigation taken bad turn due to rains.
- East area between asphalt and landscaping still looks good.



## Monthly Landscaping walk with Landscaping Company

Todd Kutz, Tim Sayegh

2-28-2019 0900

### Landscaping walk down:

- Site has received a lot of rain so sprinklers were secured most of mid-January to mid-February
- Perimeter of property walked outside the fence. Replaced a few broken tree poles, ground cover and shrubs look healthy.
- North side of property inside fence line looks good. Ground cover trimmed back off cement.
- Northwest corner of property with rocks had weeds return with all the rain.
- East slope weed mitigation at a standstill with the rains. Resprayed to kill weeds.
- East area between asphalt and landscaping treated for weed mitigation again.

Monthly Landscaping walk with Landscaping Company

Todd Kutz, Tim Sayegh

3-28-2019 0900

Landscaping walk down:

- Site has sprinklers turned back on late March
- Quick perimeter walk of property walked outside the fence, no issues.
- North side of property inside fence line looks good. Ground cover trimmed back off cement.
- Northwest corner of property with rocks had weeds removed since last month.
- East slope weeds dying out after respray and weed removal.
- East area between asphalt and landscaping weeds removed.

# Quality Site Assessment

## General Information

**Property Name:** Pio Pico Energy Center, LLC

**Date:** Monday, April 08, 2019

**Next Inspection Date:** Friday, June 21, 2019

**Client Attendees:**

**Brightview Attendees:** Tim Sayegh

## CUSTOMER FOCUS AREA:

Property appearance and irrigation Management

## MAINTENANCE ITEMS:

- 1) Mimosa trees are still dormant and are not yet budding but have good life and will begin to bloom within the next month
- 2) Crepe Myrtle trees are waking up out of dormancy and are sprouting leaves
- 3) Crew will continue to spray for weeds each visit
- 4) Lavender plants that have been cut back/rejuvenated, are coming back strong and healthy
- 5) Crew will continue to keep ground cover off of retaining wall and utility areas
- 6) Crew will straighten out leaning tree and install additional tree support ties
- 7) There are still a few sparse areas of ground cover along the frontage but anticipate filling in by Summer
- 8) Several Mexican Bird of Paradise did not service the frost last Winter. BV will propose to replace them
- 9) Crew will continue to leave Myoporum trimmed with a nice edge
- 10) Rhampholepis trees and plants are looking great and pushing blooms
- 11) Recently installed mulch gives the property a nice finished look and adds great curb appeal
- 12) Crew has been working diligently to keep the weeds at bay on the back slope. Pre emergence will be applied this month to assist with any new weeds popping up. BV will install more flats of Myoporum within the next month under warranty
- 13) Newly installed straw wattle is helping keep erosion to a minimum
- 14) Crew has recently and will continue to keep ground cover away from curbs and pathways

## RECOMMENDATIONS FOR PROPERTY ENHANCEMENTS:

- 1) There are 3 trees and 39 Mexican Bird of Paradise that didn't make it through the frost last Winter. Brightview will take care of some and will propose to replace the rest

## NOTES TO OWNER/CLIENT:

# Quality Site Assessment

## Maintenance Items

Mimosa trees are still dormant and are not yet budding but have good life and will begin to bloom within the next month



[ 1 / 14 ]

## Maintenance Items

Crepe Myrtle trees are waking up out of dormancy and are sprouting leaves



[ 2 / 14 ]

## Maintenance Items

Crew will continue to spray for weeds each visit



[ 3 / 14 ]

## Maintenance Items

Lavender plants that have been cut back/rejuvenated, are coming back strong and healthy



[ 4 / 14 ]



# Quality Site Assessment

## Maintenance Items

Crew will continue to keep ground cover off of retaining wall and utility areas



[ 5 / 14 ]

## Maintenance Items

Crew will straighten out leaning tree and install additional tree support ties



[ 6 / 14 ]

## Maintenance Items

There are still a few sparse areas of ground cover along the frontage but anticipate filling in by Summer



[ 7 / 14 ]

## Maintenance Items

Several Mexican Bird of Paradise did not service the frost last Winter. BV will propose to replace them



[ 8 / 14 ]



# Quality Site Assessment

## Maintenance Items

Crew will continue to leave Myoporum trimmed with a nice edge



[ 9 / 14 ]

## Maintenance Items

Rhaphiolepis trees and plants are looking great and pushing blooms



[ 10 / 14 ]

## Maintenance Items

Recently installed mulch gives the property a nice finished look and adds great curb appeal



[ 11 / 14 ]

## Maintenance Items

Crew has been working diligently to keep the weeds at bay on the back slope. Pre emergence will be applied this month to assist with any new weeds popping up. BV will install more flats of Myoporum within the next month under warranty



[ 12 / 14 ]

# Quality Site Assessment

## Maintenance Items

Newly installed straw wattle is helping keep erosion to a minimum



[ 13 / 14 ]

## Maintenance Items

Crew has recently and will continue to keep ground cover away from curbs and pathways



[ 14 / 14 ]

## Recommendations for Property Enhancements

There are 3 trees and 39 Mexican Bird of Paradise that didn't make it through the frost last Winter. Brightview will take care of some and will propose to replace the rest



[ 1 / 1 ]

Monthly Landscaping walk with Landscaping Company

Todd Kutz, Tim Sayegh

5-23-2019 0730

Landscaping walk down:

- Perimeter walk of property walked outside the fence, no issues, trees blooming.
- North side of property inside fence line looks good, need myoporum trim off cement.
- Northwest corner of property with rocks weed free.
- East slope weeds dead and replaced ground cover starting to fill.
- East area between asphalt and landscaping minimal weeds.



# Quality Site Assessment

## General Information

**Property Name:** Pio Pico Energy Center, LLC

**Date:** Friday, June 14, 2019

**Next Inspection Date:** Friday, August 23, 2019

**Client Attendees:**

**Brightview Attendees:** Tim Sayegh

## CUSTOMER FOCUS AREA:

Property appearance and irrigation Management

## MAINTENANCE ITEMS:

- 1) Several plants that appeared to be declining, are beginning to produce foliage towards the bottom of the plant
- 2) Mexican Birds of Paradise were replaced in May. Since they like the warmer seasons, they will be filling in over the Summer months. BV will replace any that show no signs of life in July
- 3) Podocarpus trees are doing well and have not declined since irrigation was added to them. We would like to keep the irrigation running to them through Summer and back it off this Fall
- 4) Crepe Myrtle trees are slow to come around but beginning to push blooms and have good signs of life. Complete foliage growth anticipated for July
- 5) Mimosa trees have come out of dormancy and rapidly growing. Crew will continue to prune limbs off of fence
- 6) Crew has addressed the weeds in the N/E corner at no cost
- 7) Back slope is doing great with ground cover filling in and weeds being kept to a minimum
- 8) Crew is working diligently to keep Myoporum edged. This has been a challenge during the growing season but will conquer in June/July
- 9) BV has replaced and filled in the missing/dead Myoporum. It is beginning to slowly grow and should be taking off over the next few months.
- 10) Some Arbutus trees are showing signs of Verticillium wilt. Root rot due to poor drainage or high levels of PH in the soil may come into play. BV will monitor and look deeper into this to try to remedy the issue. Irrigation will be adjusted if needed
- 11) Another Mexican Bird of Paradise slowly popping new foliage. Crew will be working on clearing ground cover away from base for aesthetic reasons. This has no effect on the plants health
- 12) Crew will continue to spray weeds in planters and in sidewalks
- 13) Newly installed trees have been planted with fresh top soil and amendments. BV will add a little more time to the irrigation controller for these through the months of June/July to ensure they get a good start

## RECOMMENDATIONS FOR PROPERTY ENHANCEMENTS:

## NOTES TO OWNER/CLIENT:

# Quality Site Assessment

## Maintenance Items

Several plants that appeared to be declining, are beginning to produce foliage towards the bottom of the plant



[ 1 / 13 ]

## Maintenance Items

Mexican Birds of Paradise were replaced in May. Since they like the warmer seasons, they will be filling in over the Summer months. BV will replace any that show no signs of life in July



[ 2 / 13 ]

## Maintenance Items

Podocarpus trees are doing well and have not declined since irrigation was added to them. We would like to keep the irrigation running to them through Summer and back it off this Fall



[ 3 / 13 ]

## Maintenance Items

Crepe Myrtle trees are slow to come around but beginning to push blooms and have good signs of life. Complete foliage growth anticipated for July



[ 4 / 13 ]



# Quality Site Assessment

## Maintenance Items

Mimosa trees have come out of dormancy and rapidly growing. Crew will continue to prune limbs off of fence



[ 5 / 13 ]

## Maintenance Items

Crew has addressed the weeds in the N/E corner at no cost



[ 6 / 13 ]

## Maintenance Items

Back slope is doing great with ground cover filling in and weeds being kept to a minimum



[ 7 / 13 ]

## Maintenance Items

Crew is working diligently to keep Myoporum edged. This has been a challenge during the growing season but will conquer in June/July



[ 8 / 13 ]



# Quality Site Assessment

## Maintenance Items

BV has replaced and filled in the missing/dead Myoporum. It is beginning to slowly grow and should be taking off over the next few months.



[ 9 / 13 ]

## Maintenance Items

Some Arbutus trees are showing signs of Verticillium wilt. Root rot due to poor drainage or high levels of PH in the soil may come into play. BV will monitor and look deeper into this to try to remedy the issue. Irrigation will be adjusted if needed



[ 10 / 13 ]

## Maintenance Items

Another Mexican Bird of Paradise slowly popping new foliage. Crew will be working on clearing ground cover away from base for aesthetic reasons. This has no effect on the plants health



[ 11 / 13 ]

## Maintenance Items

Crew will continue to spray weeds in planters and in sidewalks



[ 12 / 13 ]



# Quality Site Assessment

## Maintenance Items

Newly installed trees have been planted with fresh top soil and amendments. BV will add a little more time to the irrigation controller for these through the months of June/July to ensure they get a good start



[ 13 / 13 ]

Monthly Landscaping walk with Landscaping Company

Todd Kutz

7-25-2019 0700

Landscaping walk down:

- Perimeter walk of property walked outside the fence, trees blooming, one broken tree pole NW corner.
- North side of property – growing and filling.
- Northwest corner of property with rocks still weed free.
- East slope ground cover continuing to fill in.
- East area between asphalt and landscaping – no issues.

Monthly Landscaping walk with Landscaping Company

Todd Kutz and Tim Sayegh

8-29-2019 0700

Landscaping walk down:

- Perimeter walk of property walked outside the fence, trees blooming, one broken tree pole NW corner.
- North side of property – growing and filling.
- Northwest corner of property with rocks still weed free.
- East slope ground cover continuing to fill in.
- East area between asphalt and landscaping – no issues.

# Quality Site Assessment

## General Information

**Property Name:** Pio Pico Energy Center, LLC

**Date:** Monday, September 09, 2019

**Next Inspection Date:** Friday, November 15, 2019

**Client Attendees:**

**Brightview Attendees:** Tim Sayegh

## CUSTOMER FOCUS AREA:

Property appearance and irrigation Management

## MAINTENANCE ITEMS:

- 1) Crew will begin working on trimming ground cover away from fencing
- 2) Podocarpus have sustained life this Summer with the help of the extra irrigation lines installed last Summer. BV will fertilize this month to help with growth
- 3) The back slope is looking good for the most part. Irrigation has been adjusted and fertilizer will be applied to help speed up growth of ground cover.
- 4) Crew has done a nice job keeping weeds at bay in the N/E corner of the property at no cost
- 5) Minor irrigation repairs are being addressed as we discover them
- 6) Crew will continue to keep tree limbs off of fencing
- 7) Rhipidolepis plants are thriving and doing well. Crew is addressing any weed problem during every visit
- 8) Some of the trees out front are stressing from the heat and problems with the irrigation wiring. Issues have been taken care of and extra water is being applied along with "super thrive" to help bring trees back as they still show signs of good life
- 9) BV has recently installed several Mexican Birds of Paradise under warranty
- 10) Slopes on the outside of property have completely filled in as anticipated. Crew is working diligently to keep trimmed off of sidewalks and utility areas
- 11) Mexican Birds are beginning to bounce back after being treated with snail bait. BV will constantly monitor to ensure their success
- 12) Several lodge poles have broken from the winds. BV will send a proposal to replace them
- 13) BV will install a few more flats to the whatever sparse areas may still exist on back

## RECOMMENDATIONS FOR PROPERTY ENHANCEMENTS:

## NOTES TO OWNER/CLIENT:



# Quality Site Assessment

## Maintenance Items

Crew will begin working on trimming ground cover away from fencing



[ 1 / 13 ]

## Maintenance Items

Podocarpus have sustained life this Summer with the help of the extra irrigation lines installed last Summer. BV will fertilize this month to help with growth



[ 2 / 13 ]

## Maintenance Items

The back slope is looking good for the most part. Irrigation has been adjusted and fertilizer will be applied to help speed up growth of ground cover.



[ 3 / 13 ]

## Maintenance Items

Crew has done a nice job keeping weeds at bay in the N/E corner of the property at no cost



[ 4 / 13 ]



# Quality Site Assessment

## Maintenance Items

Minor irrigation repairs are being addressed as we discover them



[ 5 / 13 ]

## Maintenance Items

Crew will continue to keep tree limbs off of fencing



[ 6 / 13 ]

## Maintenance Items

Rhaphiolepis plants are thriving and doing well. Crew is addressing any weed problem during every visit



[ 7 / 13 ]

## Maintenance Items

Some of the trees out front are stressing from the heat and problems with the irrigation wiring. Issues have been taken care of and extra water is being applied along with "super thrive" to help bring trees back as they still show signs of good life



[ 8 / 13 ]



# Quality Site Assessment

## Maintenance Items

BV has recently installed several Mexican Birds of Paradise under warranty



[ 9 / 13 ]

## Maintenance Items

Slopes on the outside of property have completely filled in as anticipated. Crew is working diligently to keep trimmed off of sidewalks and utility areas



[ 10 / 13 ]

## Maintenance Items

Mexican Birds are beginning to bounce back after being treated with snail bait. BV will constantly monitor to ensure their success



[ 11 / 13 ]

## Maintenance Items

Several lodge poles have broken from the winds. BV will send a proposal to replace them



[ 12 / 13 ]

# Quality Site Assessment

## Maintenance Items

BV will install a few more flats to the whatever sparse areas may still exist on back



[ 13 / 13 ]