

DOCKETED	
Docket Number:	07-AFC-03C
Project Title:	CPV Sentinel
TN #:	261558
Document Title:	2024 Annual Compliance Report for the Sentinel Energy Center (07-AFC-3C)
Description:	N/A
Filer:	David Wells
Organization:	Sentinel Energy Center
Submitter Role:	Applicant
Submission Date:	2/5/2025 2:46:05 PM
Docketed Date:	2/5/2025

**SENTINEL ENERGY CENTER 07-AFC-3C
ANNUAL COMPLIANCE REPORT – NUMBER 7
REPORTING PERIOD:
January 1, 2024 – December 31, 2024**

Prepared for

CALIFORNIA ENERGY COMMISSION
Energy Facilities Siting and Environmental
Protection Division
1516 9th Street
Sacramento, California 95814-5512

January 2025



Sentinel
Energy Center, LLC

USPS Mailing Address: P O Box 2838, Desert Hot Springs, CA 92240
Physical Address: 15775 Melissa Lane, N. Palm Springs, CA 92258

TABLE OF CONTENTS

Section	Page
1 COMPLIANCE MATRIX.....	1
2 CURRENT PROJECT OPERATING STATUS.....	1
3 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT	1
3.1 AIR QUALITY	1
3.2 BIOLOGICAL RESOURCES	1
3.3 HAZARDOUS MATERIALS	2
3.4 WASTE MANAGEMENT	2
3.5 SOIL AND WATER RESOURCES.....	2
3.5.1 SOIL&WATER-3: Project Groundwater Wells	2
3.5.2 SOIL&WATER-4: Stormwater NPDES Permit.....	3
3.5.3 SOIL&WATER-5: Potable Water Use.....	3
3.5.4 SOIL&WATER-7: Mitigation of Energy Use Impacts on Private Wells.....	3
3.5.5 SOIL&WATER-8: Non-Potable Water Usage Requirements.....	3
3.5.6 SOIL&WATER-10: Groundwater Recharge.....	3
3.5.7 SOIL&WATER-12: Zero Liquid Discharge System Requirements – Status Report.....	3
3.5.8 SOIL&WATER-14: Water Supply Conversion of Palm Springs National Golf Course	4
3.5.9 SOIL&WATER-15: Irrigation Controller Program, Free Sprinkler Nozzles, and Program Groundwater Remediation Program.....	5
3.5.10 SOIL&WATER-16: Reporting and Verifying the Fresh Water Conservation Program Benefits	7
3.6 TRANSMISSION LINE SAFETY AND NUISANCE	8
3.7 VISUAL RESOURCES.....	9
4 POST-CERTIFICATION CHANGES.....	9
5 DELINQUENT SUBMITTALS	10
6 FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES	10
7 UPCOMING COMPLIANCE ACTIVITIES	11
8 LISTING OF THE YEARS’S ADDITIONS TO THE COMPLIANCE FILE	12
9 UPDATES TO FACILITY CLOSURE PLANS.....	12
10 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS	12

TABLE OF CONTENTS (CONTINUED)

Section

Attachment 1 CEC Compliance Matrix

Attachment 2 Evidence of RTCs (per AQ-16)

**Attachment 3 Biological Resources Annual Summary Report and WEAP Training
Sign-In Sheets (per BIO-2)**

Attachment 4 List of Hazardous Materials (per HAZ-1)

Attachment 5 Waste Management Methods and Waste Manifests

Attachment 6 Annual Potable Water Use (per SOIL&WATER-5)

Attachment 7 Groundwater Usage (per SOIL&WATER-8)

Attachment 8 Groundwater Recharge (per SOIL&WATER-10)

Attachment 9 Salt Cake Generated (per OIL&WATER-12)

**Attachment 10 DWA Memorandum, Revised Water Conservation Plan, &
Groundwater Savings (per SOIL&WATER-14)**

Attachment 11 DWA Invoices and Proof of Payments (per SOIL&WATER-15)

Attachment 12 Installed Irrigation Controllers (per SOIL&WATER-15)

**Attachment 13 DWA Memorandum Regarding Irrigation Controller Program Effectiveness
(per SOIL&WATER-15)**

**Attachment 14 Annual Water Use and Conservation Summary & Benefits Report (per
SOIL&WATER-16)**

Attachment 15 Surface Treatment Maintenance Status Report (per VIS-1)

Attachment 16 Permanent Exterior Lighting Status Report (per VIS-2)

Attachment 17 VIS-3 Submittal and CEC Approval

Attachment 18 NTC and NOV Documentation

LIST OF ACRONYMS

ACR	Annual Compliance Report
AER	Annual Emission Report
AFY	acre-feet per year
APEP	Annual Permit Emission Program
AVR	automatic voltage regulators
CARB	California Air Resources Board
CEC	California Energy Commission
CEMS	Continuous Emissions Monitoring Systems
CO	carbon dioxide
COCs	conditions of certification
CPM	Compliance Project Manager
DEH	Department of Environmental Health
DOE	Department of Energy
DWA	Desert Water Agency
EIA	Energy Information Administration
EPA	Environmental Protection Agency
GHG	greenhouse gas
NERC	North American Electric Reliability Corporation
NOV	Notice of Violation
NOx	oxides of nitrogen
NSPS	new source performance standards
NTC	Notice to Comply
PSNGC	Palm Springs National Golf Course
PSS	power system stabilizer
PW	production well
QCER	Quarterly Certification of Emissions Report
RATA	Relative Accuracy Test Audit
RCDEH	Riverside County Department of Environmental Health
RECLAIM	Regional Clean Air Incentives Market
RTCs	RECLAIM Trading Credits
RTU	remote terminal unit
RWQCB	Regional Water Quality Control Board
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SF6	sulfur hexafluoride

LIST OF ACRONYMS (CONT.)

SWPPP	Stormwater Pollution Prevention Plan
US	United States
WEAP	Worker Environmental Awareness Program
ZLD	zero-liquid discharge

1 COMPLIANCE MATRIX

An updated copy of the California Energy Commission (CEC) Compliance Matrix is included in Attachment 1. As requested, fully satisfied conditions of certification (COCs) are not included in the Matrix after they have been reported complete.

2 CURRENT PROJECT OPERATING STATUS

During the reporting period (Jan 1-Dec 31, 2024) Unit 3 (D13) has been in outage due to repairs. The Sentinel Energy Center (Sentinel) facility has 7 out of 8 units operating normally, during the reporting period.

3 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 AIR QUALITY

AQ-16 requires Sentinel to include evidence of sufficient Regional Clean Air Incentives Market (RECLAIM) Trading Credits (RTCs) in the ACR. Evidence of annual RTCs is included in Attachment 2.

3.2 BIOLOGICAL RESOURCES

BIO-2 states “if actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the Compliance Project Manager (CPM).” Per verification requirements of BIO-2, an annual summary report for biological resources is included as Attachment 3 to this ACR. There were no issues of concern pertaining to biological resources during this reporting year. The Designated Biologist concurs that there were no biological issues of concern during the reporting period and that the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) was adhered to. All new on-site employees during this reporting year completed the Worker Environmental Awareness Program (WEAP) training. WEAP sign-in sheets are also included in Attachment 3.

3.3 HAZARDOUS MATERIALS

In accordance with the HAZ-1 ACR requirements, the list of hazardous materials used at the facility is included in Attachment 4.

In accordance with the HAZ-9 ACR requirement:

- Sentinel owners conduct background investigations as part of their initial hiring process for each employee. Background investigations are restricted to determine the accuracy of employee identity and employment history and conducted in accordance with all state and federal laws regarding security and privacy (Attachment A of the Operations Security Plan).
- Sentinel requires each permanent contractor, technical contractor or hazardous materials transport vendor (“Contractor”), who works on critical components to provide a signed statement (Attachment B of the Operations Security Plan) that they have conducted a background investigation on employees directed to Sentinel Energy.
- Sentinel requires owners or authorized representative of hazardous materials transport vendors to provide a signed statement (Attachment C of the Operations Security Plan) that they have conducted employee background investigations in accordance with Title 49 Code of Federal Regulations Part 1572, subparts A and B.

3.4 WASTE MANAGEMENT

Sentinel is in compliance with WASTE-11. Copies of manifests for all wastes transported off-site, a listing of all liquid and solid waste transported off-site, and actual volumes of waste hauled off-site, as documented in the waste manifests, are included in Attachment 5. There were no deviations from those methods provided in the Operation Waste Management Plan.

3.5 SOIL AND WATER RESOURCES

3.5.1 SOIL&WATER-3: Project Groundwater Wells

There were no changes to either the construction or operation of the two groundwater production wells (PW), PW-1 and PW-2, during the reporting period. Water well monitoring reports are not required by the County of Riverside; thus, no monitoring reports were prepared.

3.5.2 SOIL&WATER-4: Stormwater NPDES Permit

Soil&Water-4 requires the facility to comply with the requirements of the general NPDES permit for discharges of stormwater associated with industrial activity. Sector O of the Environmental Protection Agency's Multi-Sector General Permit (MSGP) for Steam Electric Generating facilities is narrative in nature and not based strictly on the facility's Standard Industrial Classification (SIC) code. California's implementation of the NPDES program resulted in a Statewide Stormwater Industrial General Permit that is applicable for "Steam Electric Power Generating Facilities" only. As gas turbines do not produce electricity through steam, they are not covered by the general permit and are not required to obtain authorization for the discharge of stormwater. Consequently, the facility submitted a Notice of Termination (NOT) to the Colorado River Basin Regional Water Quality Control Board that became effective 13 March 2015.

3.5.3 SOIL&WATER-5: Potable Water Use

In accordance with the reporting requirements described in SOIL&WATER-5, a summary of the amount of potable water used at the facility is included in Attachment 6. The summary includes the monthly range and monthly average of daily water usage in cubic feet per month, and total water used on a monthly and annual basis in acre-feet.

3.5.4 SOIL&WATER-7: Mitigation of Energy Use Impacts on Private Wells

In accordance with SOIL&WATER-6, Sentinel completed an Evaluation of Impacts to private wells (April 2011). The report concluded that there were no impacts to private wells; thus, no payments or reimbursements to private well owners is required.

3.5.5 SOIL&WATER-8: Non-Potable Water Usage Requirements

Per SOIL&WATER-8, an annual summary which includes identification of the wells used, daily groundwater usage in gallons per day, maximum and minimum daily usage by month and year, and total volume of groundwater used on a monthly and annual basis in acre-feet is included in Attachment 7.

3.5.6 SOIL&WATER-10: Groundwater Recharge

Attachment 8 provides an accounting of cumulative water recharged on a monthly basis per SOIL&WATER-10.

3.5.7 SOIL&WATER-12: Zero Liquid Discharge System Requirements – Status Report

There is no long-term (or interim) storage of wastewater at the Sentinel facility. All wastewater is accumulated in the Wastewater Tank, then processed by the zero-liquid discharge (ZLD) system until the water is ready for reuse, then returned to service. The monthly volumes of residual salt cake generated is shown in Attachment 9. The results from the 2017 annual sampling of the waste solids satisfied the criteria of non-hazardous solid waste, and was accepted by the Riverside County Department of Waste Resources. The Approval Letter (included in Attachment 9.) will stay in effect as long as there is no operational change that could alter the composition/characteristic of the waste stream.

The ZLD system is operating within the parameters described in the August 2013 ZLD Management Plan, and has not been the subject of any major unplanned maintenance issues, nor any issues that require the system be taken out of service for a repair. There have been no disruptions in the service of this system since the beginning of its operation. Therefore, no changes to the August 2013 ZLD Management Plan are warranted at this time.

3.5.8 SOIL&WATER-14: Water Supply Conversion of Palm Springs National Golf Course

In accordance with SOIL&WATER-14, Sentinel funded the construction and operation of the Desert Water Agency (DWA) recycled water line to provide recycled water to the Palm Springs National Golf Course (PSNGC). PSNGC has relied solely on recycled water supplied by DWA for irrigation purposes; groundwater is not available as the groundwater well was removed. Attachment 10 includes a memorandum from DWA confirming that the recycled water system for PSNGC was completed in June 2012, thus eliminating the golf courses' dependence on groundwater. On July 17, 2020, Sentinel notified the CEC of the Agua Caliente Band of Cahuilla Indians' action to no longer purchase recycled water that was part of the Water Conservation Funding Agreement. The Revised Water Conservation Plan is included in Att. 10.

Attachment 14 includes a summary and provides a breakdown of groundwater saved monthly, as well as a total of groundwater saved to-date.

3.5.9 SOIL&WATER-15: Irrigation Controller Program, Free Sprinkler Nozzles, and Groundwater Remediation Program

In accordance with SOIL&WATER-15, Sentinel continues to fund DWA's irrigation controller program and free sprinkler nozzle program. Attachment 11 includes copies of the annual invoices and proof of payment. The number of irrigation controllers installed with resultant water savings and the number of sprinkler nozzle program participants with resultant water savings are included as Attachment 12.

Regarding the irrigation controller program and free sprinkler nozzles program effectiveness and estimated water savings, DWA issued two memorandums, dated November 4, 2013 and May 24, 2017 (Attachment 13), addressing these topics. DWA confirms that the irrigation controller program and free sprinkler nozzles program continues to be funded and implemented.

Attachment 14 provides an annual summary of the DWA Irrigation Controller Program, Free Sprinkler Nozzles Program, and the Groundwater Remediation Program.

DWA issued a memorandum dated November 4, 2013 identifying the groundwater remediation program to enhance water conservation efforts.

The project consists of the construction and operation of two new wells designed to pump and treat groundwater that has elevated concentrations of nitrates. The treated groundwater is then blended with DWA's recycled water and used for irrigation.

3.5.10 SOIL&WATER-16: Reporting and Verifying the Fresh Water Conservation Program Benefits

SOIL&WATER-16 reporting requirements are as follows:

1. Provide annual reporting to assess whether the fresh water conservation benefits achieved by implementation of SOIL&WATER-14 and SOIL&WATER-15 have met the following requirements:
 - A. Achieve 1,000 [acre-feet per year (AFY)] in fresh water conservation benefits by the end of the first full calendar year following the project commercial operation date, increasing by 100 AFY annually over the subsequent 5 years to 1,500 AFY by the end of the 6th full calendar year following the commercial operation date.
 - B. Achieve minimum cumulative water conservation benefits of 1,500 AFY for each year following the 6th full calendar year following the commercial operation date for the life of the project.

2. If the fresh water conservation benefits of the water supply conversion of the PSNGC and the irrigation program projects identified in 1. A and B above cannot be sustained for any reason, the project owner shall submit a revised Water Conservation Plan within 6 months of the annual report, obtain CPM approval of the revised plan, and implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1.A and B of this condition.

Verification: For each year following the commercial operation date, the project owner shall provide an Annual Compliance Report, an accounting of fresh water conservation benefits for the previous calendar year, and a summary of annual fresh water conservation quantities since inception. If the water conservation benefits are not in conformance with the fresh water performance measures included in this Condition, the project owner shall submit:

1. A revised Water Conservation Plan within 6 months of the annual report;
2. Obtain CPM approval of the revised plan; and
3. Implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1.A and B of this Condition.

Attachment 14. provides a summary of the project's overall fresh water conservation benefits, the Annual Water Use and Conservation Summary Report to provide an overall summary of the total water use and conservation measures met by Sentinel, and the Revised Water Conservation Plan which includes the Irrigation Controller Program, the Free Sprinkler Nozzles Program, the Groundwater Remediation Program, and the Grass Removal Program.

3.6 TRANSMISSION LINE SAFETY AND NUISANCE

In accordance with Condition TLSN-2, Sentinel confirms that there have been no line-related complaints during this reporting period.

TLSN-4 requires that "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, and provide such summaries in the ACR." However, the electrical transmission line is owned by Southern California Edison (SCE) and is within SCE owned right-of-way.

Inspections and maintenance are performed by SCE. Therefore, Sentinel is not responsible for inspections or maintenance of the right-of-way; thus, no inspection reports were completed by Sentinel.

3.7 VISUAL RESOURCES

In accordance with VIS-1, Sentinel prepared a Status Report describing: 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 Status Report is provided in Attachment 15.

In accordance with the requirements contained within VIS-2 Verification, Sentinel confirms that there have been no lighting complaints. Thus, no complaint reports are attached.

Further, in accordance with the requirements contained within VIS-2 Verification, Sentinel prepared a Status Report specifying: a) the condition of the lighting that has been installed under the lighting plan at the end of the reporting year; b) any deviations in lighting from the plan that occurred during the reporting year; and c) any proposed deviations from the lighting plan for the next year. The Permanent Exterior Lighting Status Report is provided in Attachment 16.

In accordance with the approval of VIS-3 submittal (included in Attachment 17), Sentinel was not required to prepare a landscape plan. Thus, no landscape maintenance activities were required or conducted.

4 POST-CERTIFICATION CHANGES

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

There were no significant post-certification changes to operations during the reporting period, but there were four CEC-approved changes, as described below:

Petition for Modification - Construction Parking Area Addition, July 2011. CEC approved September 7, 2011.

Petition for Modification – General Arrangement Refinement, June 6, 2011. CEC approved September 21, 2011.

Petition for Modification – Modification to Move Construction Laydown Area, February 14, 2011. CEC approved April 18, 2011.

WASTE-10 Verification Language Update – Verification requirements update. CEC approved January 26, 2018.

5 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 FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

Below is a list of filings submitted to, or permits issued by governmental agencies during the reporting year.

California Energy Commission (CEC)

CEC Quarterly Operation Reports submitted

CEC Quarterly 1304 Reports submitted

U.S. EPA and South Coast Air Quality Management District (SCAQMD)

SCAQMD Quarterly RECLAIM Emission Reports (QCER) submitted

SCAQMD Rule 218.1 Semi-Annual CO Excess Emission and Monitoring System Performance Reports submitted

NSPS Semi-Annual NOx Excess Emission and Monitoring System Performance Reports submitted

Title V Semi-Annual Monitoring Reports submitted

Title V Annual Compliance Certification submitted

SCAQMD Annual Permit Emission Program (APEP) Form submitted

SCAQMD Annual Emission Report (AER) submitted

Annual GHG Emission Report to the EPA submitted

Annual GHG Emission Report to the CARB submitted

SCAQMD and EPA CEMS RATA, Triennial, and NH3 Source Test Reports

EPA Quarterly/Annual Acid Rain electronic reporting

SCAQMD Variance(s) submitted for BlackStart and Unit 3 Outage (6141-2 & 6141-3)

California Regional Water Quality Control Board (RWQCB) - Colorado River Basin Region

- No permits were obtained from, or submittals filed to the RWQCB for the reporting period.

Riverside County Department of Environmental Health

- The 2024 Hazardous Materials Management Permit was issued

7 UPCOMING COMPLIANCE ACTIVITIES

During the next reporting period, Sentinel intends to continue reporting on the standard required compliance items, including but not limited to:

- SCAQMD/EPA Quarterly and Semi-Annual CEMS Reports/Operations Reports
- SCAQMD Quarterly Certificate of Emissions
- SCAQMD Annual Permit Emissions Program Report
- Monthly and Quarterly RECLAIM RTU Reports
- Rule 219 Quarterly NOx Emissions Reports for diesel fire pump emissions and small equipment
- EPA Quarterly Emissions Data Reports
- SCAQMD Semi-Annual Title V Report
- DOE Annual EIA 860/923 Report
- NERC Quarterly Miss-operations Report, and AVR & PSS Reports
- Notification of Source Testing and Associated Source Test Reports
- Quarterly CEC 1304 Report
- CEC Annual Third-Party GHG Verification Report
- CEC Annual Compliance Reports
- Water Conservation Measures Reporting
- Department of Toxic Substances Control Verification Questionnaire
- Sulfur hexafluoride (SF₆) Reporting

8 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 items submitted to the CEC have been added to the site compliance files.

9 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 or company business practices to warrant modifying the On-Site Contingency Plan for unplanned facility closure.

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.

10 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS

This section includes a listing of complaints, notices of violation, official warnings, and citations received during the year, a description of the resolution of any resolved matters, and the status of any unresolved matters.

The Sentinel Energy Center did not receive any complaints, notices of violation, official warnings, and citations during the reporting period (see appendix 18 for documentation).

ATTACHMENT 1

CEC COMPLIANCE MATRIX

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

Condition of Certification	Category	Description	Verification Action/Submital Required by Project Owner	Frequency	Due Date	Due Date	Due Date	Status
AQ-1	OPS	The project owner shall limit the emissions from each gas-fired combustion turbine train exhaust stack.	The project owner shall submit all emission calculations, fuel use, CEM records and a summary demonstrating compliance of all emission limits stated in this Condition for approval to the CPM on a quarterly basis in the quarterly emissions report.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly			On-going
AQ-10	OPS	The project owner shall keep records in a manner approved by the SCAGMD.	The project owner shall submit to the CPM for approval all fuel usage records on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly			On-going
AQ-11	OPS	The owner/operator shall calculate and continuously record the ammonia (NH3) slip emission concentration from each exhaust stack for each gas turbine.	The project owner shall include ammonia slip concentrations averaged on an hourly basis as part of the Quarterly Operational Report required in Condition of Certification AQ-SC9 and calculated via the protocol provided in this condition. Exceedances of the ammonia limit shall be reported in the following quarterly report.	Reporting no later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly			On-going
AQ-15	CON/OPS	The project owner shall limit the operating time of the firewater pump to no more than 168.99 hours per year. The firewater pump shall be equipped with a non-resettable elapsed meter to accurately indicate the elapsed operating time of the engine. The firewater pump shall be equipped with a non-resettable fuel meter to accurately indicate the fuel usage of the engine. The firewater pump shall burn only diesel fuel that contains sulfur compounds less than or equal to 15 ppm by weight. An engine operating log shall be kept in writing, listing the date of operation, the elapsed time, in hours, and the reason for operation. The log shall be maintained for a minimum of 5 years and made available to SCAGMD personnel and CPM upon request. The project owner shall keep records in a manner approved by the Executive Officer, consisting of emergency use hours of operation, maintenance and testing hours, other operating hours (describe the reason for operation).	The project owner shall submit to the CPM no later than 30 days after installation, a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built designs or inspected the identified equipment and certifies that the appropriate devices have been installed and are functioning properly. The project owner shall submit all dates of operation, elapsed time in hours, and the reason for each operation in the Quarterly Operations Report (AQ-SC9).	PE statement no later than 30 days after installation; Reporting no later than 30 days following the end of each calendar quarter per AQ-SC9.	Quarterly	4/22/2013	4/22/2013	On-going
AQ-18	OPS	The project equipment shall not be operated unless the project owner demonstrates to the SCAGMD Executive Officer that the facility holds sufficient RTOs to offset the projected annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the project owner demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTOs in an amount equal to the annual emissions increase. The project owner shall submit all such information to the CPM for approval.	The project owner shall submit evidence of sufficient RTOs to the CPM demonstrating compliance on an annual basis as part of the annual compliance report.	Annually	Annually	1/2/2013		On-going
AQ-2	OPS	The project owner/operator shall not produce emissions of oxides of nitrogen from the facility, including the firewater pump and all eight gas turbines combined, that exceed the REGM/ADM Trading Credits holdings required in Condition of Certification AQ-16 within a calendar year.	The project owner/operator shall submit to the CPM no later than 60 days following the end of each calendar year, the SCAGMD required (via Rule 200-4) Quarterly Certification of Emissions (or equivalent) for each quarter and the Annual Permit Emissions Program report (or equivalent) as prescribed by the SCAGMD Executive Officer.	No later than 60 days following the end of each calendar year	03/31/14	2/13/2013	2/13/2013	On-going
AQ-4	OPS	Each combustion turbine stack shall have the following emission limitations: • 2.5 PPM NOx emission averaged over 60 minutes at 15 percent oxygen, dry basis. • 4.0 ppm CO emission averaged over 60 minutes at 15 percent oxygen, dry basis. • 2.0 ppm VOC emission averaged over 60 minutes at 15 percent oxygen, dry basis. • 5.0 ppm NH3 emission averaged over 60 minutes at 15 percent oxygen, dry basis.	The project owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly			On-going
AQ-5	OPS	The project owner may at no time purposefully exceed either the mass or concentration emission limits set forth in Conditions of Certification AQ-1, -2, -3 or -4.	The project owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly			On-going
AQ-6	OPS	The project owner shall limit the fuel usage during a commissioning period from each turbine to no more than 301 mmcf of pipeline quality natural gas per month. After the completion of commissioning, units 1 through 8 shall limit the fuel usage from each turbine to no more than 425 mmcf in any one commissioning calendar month and 2,465 mmcf in any one noncommissioning year. The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition. The operator shall install and maintain a fuel flow meter and recorder to accurately indicate and record the fuel usage being supplied to each turbine. The natural gas shall not exceed H2S concentrations of more than 0.25 gr/100scf on an annual average of the monthly samples of gas composition or gas supplier documentation. The natural gas fuel sample shall be tested using District Method 307-81 for total sulfur calculated as H2S.	The project owner shall submit to the CPM for approval all fuel usage records on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly			On-going
AQ-SC13	OPS	The project owner shall perform quarterly cooling tower recirculating water quality testing, or shall provide for continuous monitoring of conductivity as an indicator, for total dissolved solids content.	The project owner shall submit to the CPM cooling tower recirculating water quality tests or a summary of continuous monitoring results and daily recirculating water flow in the Quarterly Operation Report (AQ-SC9). If the project owner uses continuous monitoring of conductivity as an indicator for total dissolved solids content, the project owner shall submit data supporting the calibration of the conductivity meter and the correlation with total dissolved solids content at least once each year in a Quarterly Operation Report (AQ-SC9).	No later than 30 days following the end of each calendar quarter.	Quarterly			On-going

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

DEC Code	Sec Code	Description	Verification Action/Submitter Required by Project Owner	Frequency	Date Due to DEC/CPM	Submit to DEC/CBO	Agency Approval	Status
AQ-SC11	CPS	The cooling towers daily PM10 emissions shall be limited to 18.82 t/day in total for all eight cooling tower cells. The cooling towers shall be equipped with a drift eliminator to control the drift fraction to 0.0005 percent of the circulating water flow. The project owner shall estimate daily PM10 emissions from the cooling towers using the water quality testing data or continuous monitoring data and daily circulating water flow data collected on a quarterly basis.	The project owner shall submit to the CPM daily cooling tower PM10 emission estimates in the Quarterly Operation Report (AQ-SC8).	No later than 30 days following the end of each calendar quarter.	Quarterly			On-going
AQ-SC7	CON/OPS	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 permit proposed by the District or U.S. Environmental Protection Agency (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 15 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 modified air permits to the CPM within 15 days of receipt.	As Required. Within 5 working days of submittal. All modified air permits within 15 days of receipt.	As Required	4/20/2011	4/20/2011	On-going
AQ-SC9	CPS	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 will specifically note or highlight incidences of noncompliance.	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.	No later than 30 days following the end of each calendar quarter.	Quarterly	4/20/2013		On-going
BIO-1.2	CON/OPS	Replacement Designated Biologist - The project owner shall assign a Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least 3 references and contact information, to the EDC Project Manager (CPM) for approval.	If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least 10 working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	As Required	10/01/13			As Required
COMPLIANCE-1	CC	The CPM, responsible Energy Commission staff, and delegate 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.	The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.	Ongoing	10/01/13			Ongoing
COMPLIANCE-10	CC	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 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. Any charges 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.	The project owner shall report to the CPM, all notices, complaints, and citations.	Within 10 days of receipt	10/01/13			As Required
COMPLIANCE-11	CC	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 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.	The project owner shall submit a closure plan to the CPM	At least 12 months prior to commencement of a planned closure	10/01/13			TBD

Attachment 1

Table 1

Compliance Matrix for CPV Sentinel Project

Compliance Item	Compliance Code	Description	Responsible Party	Due Date	Frequency	Comments	Status
COMPLIANCE-22	OPS	In order to ensure that public health and safety and the environment are protected in the event of an unplanned temporary closure, the owner shall have an on-site contingency plan in place. The on-site contingency plan shall be approved by the Energy Commission prior to the commencement of commercial operation. The plan shall be updated annually or more frequently if necessary. The plan shall be submitted no less than 60 days (or other time agreed to by the CPV) prior to commencement of commercial operation.	Project Owner	5/13/2013	10/01/13	No less than 60 days prior to commencement of commercial operation	Ongoing
COMPLIANCE-13	CC	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 implemented in the event of abandonment.	Project Owner	5/13/2013	10/01/13	No less than 60 days prior to commencement of commercial operation	Ongoing
COMPLIANCE-14	CC	The project owner must petition the Energy Commission pursuant to Title 20, California Code of Regulations, section 17199, in order to modify the project (including linear facilities) design, operation or performance requirements, and to transfer ownership or operational control of the project. It is the responsibility of the project owner to submit the CPV to the Energy Commission for review and approval. 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 25204 of the Public Resources Code. A petition is required for amendments and for insignificant project changes as specified. Each 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 CPV, who will file it with the Energy Commission's Division Unit in accordance with Title 20, California Code of Regulations, section 17201.	Project Owner	5/13/2013	10/01/13	As needed	As Required
COMPLIANCE-2	CC	For the life of the project, the project owner shall maintain project files on-site or at an alternative site approved by the CPV, unless a longer period of time is specified by the conditions of approval. The files shall contain copies of all "public" drawings, all documents submitted as verification or construction, and all other project-related documents.	Project Owner	5/13/2013	10/01/13	Ongoing	Ongoing
COMPLIANCE-3	CC	Each condition of certification is followed by a means of verification. The verification describes the Energy Commission's procedures to ensure post-certification compliance with adopted conditions. The verification procedures, under the conditions, may be modified as necessary by the CPV.	Project Owner	5/13/2013	10/01/13	Ongoing	Ongoing
COMPLIANCE-5	CC	A compliance matrix shall be submitted by the project owner to the CPV along with each monthly and annual compliance report. The compliance matrix is intended to provide the CPV with the current status of all conditions of certification in a spreadsheet format.	Project Owner	5/13/2013	06/15/14	Monthly/Annually	Ongoing
COMPLIANCE-7	OPS	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 CPV each year on a date agreed to by the CPV. Annual Compliance Reports shall include the A/C number, identify the reporting period and shall contain the required information.	Project Owner	5/13/2013	06/15/14	Annual	Ongoing

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

CEC Code	CEC Code	Description	Verification Action/Submitter Required by Project Owner	Frequency	Date Due to CEC/CPM	Date Submitted to CEC/CPM	CEC Agency Approval Status	Status
COMPLIANCE-5	CC	Any information that the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit 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.	Any information the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit with a request for confidentiality.	As Required	10/01/13			As Required
COMPLIANCE-9	CC	Pursuant to the provisions of Section 25506(b) of the Public Resources Code, the project owner is required to pay an annual compliance fee, which is adjusted annually. The amount of the fee for FY2007-2008 was \$17,678. The initial payment is due on the date the Energy Commission adopts the final decision. You will be notified of the amount due. 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 6th St., Sacramento, CA 95814.	Payment of Annual Energy Facility Compliance Fee	Annual	07/01/15	7/1/2015	7/1/2015	On-going
CUL-2.4	CC	At a minimum, the CRS shall consult weekly with the project construction manager to confirm areas(s) to be worked during the next week, until ground disturbance is completed. The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM.	A current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax.	On a weekly basis during ground disturbance	06/01/11	5/3/2011	5/12/2011	Complete
GEN-1.2	CON/OPS	The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, dismantling, repair, or maintenance of the completed facility (2007 CEC, Appendix, Chapter 1, § 101.2, Scope). 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.	Once the certificate of occupancy has been issued, the project owner shall inform the CPM of any work 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.	At least 30 days prior to any work performed	10/01/13			As Required
HAZ-1	OPS	The project owner shall not use any hazardous materials not listed in Appendix A, or in greater quantities or strengths than those identified by chemical name in Appendix B, 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.	Monthly Tracking and Annual Compliance Report	10/01/13			On-going (Monthly Tracking and Annual Report)
HAZ-5	OPS	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles which meet or exceed the specifications of U.S. Department of Transportation Code MC-307.	The project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	At least 30 days prior to receipt of aqueous ammonia on site	10/01/13	10/31/2012	10/31/2012	On-going
HAZ-7	OPS	At least 30 days prior to receipt of any hazardous materials on site, the project owner shall direct all vendors delivering any hazardous material to the site will travel on Interstate 10 to State Route 92 to Clinton Road to the plant site. The project owner shall obtain approval of the CPM if an alternate route is desired.	The project owner shall submit to the CPM for review and approval copies of notices to hazardous materials vendors describing the required transportation route.	At least 30 days prior to receipt of any hazardous materials on site	10/01/13	10/31/2012	10/31/2012	On-going
HAZ-9.2	OPS	The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to this security plan.	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.	Annual	09/15/14			On-going
NOISE-2	CON/OPS	Throughout the construction and operation of the CPV Sentinel project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. • Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • Attempt to contact the person(s) making the noise complaint within 24 hours; • Conduct an investigation to determine the source of noise related to the complaint; • Take all feasible measures to reduce the noise at its source if the noise is project related; • Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts, and if obtainable, a signed statement by the complainant stating that the noise problem is resolved to the complainant's satisfaction.	The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within five days of receiving a noise complaint	10/01/13			As Required

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

CEC Cond. #	Sort Code	Description	Verification/Action/Submital Required by Project Owner	Timeframe	Date Due to CEC/CPM	Date Submitted to CEC, CDD or Agency	CEC/Agency Approval Date	Status
SOIL&WATER 10	CON/OPS	The project owner shall ensure that its recharge of groundwater complies with the following: 1. Recharge shall occur at the Desert Water Agency's (DWA's) Mission Creek Spreading Grounds; 2. Water purchased by the project owner for recharge shall be in addition to State Water Project (SWP) supplies acquired by DWA under its entitlements as a State Water Project contractor (including DWA's Table A allocation and any surplus SWP purchases) for its groundwater replenishment program; 3. The initial water used for recharge shall be the 8,350 acre-feet of Exchanged North Kern water (hereafter referred to as North Kern water) water secured from North Kern Water Storage District pursuant to the Water Supply Agreement between CPV Sentinel and DWA, dated August 16, 2008. Recharge of additional water must comply with subdivisions a) and b) of this condition and must be approved pursuant to SOIL&WATER-11; 4. The applicant shall provide to the CPM an annual accounting of cumulative water recharged on a monthly basis throughout the operating life of the project as part of the Annual Compliance Report, and in coordination with the annual reporting requirements in SOIL&WATER-16.	Verification: If recharge of other water is approved by the CPM pursuant to SOIL&WATER-11, the project owner shall, within 60 days of that approval, submit to the CPM copies of final agreements between the purchaser and the seller of the other water, between it and DWA, and between DWA and MWD (if water is to be delivered through an exchange with MWD) that ensure that the other water will be delivered to the Mission Creek spreading grounds. For clarification purposes of the condition, item a) in subsection 3 references subsection 1 and item b) in subsection 3 references subsection 2.	Within 60 days of that approval of recharge of other water by the CPM	As Required	3/24/2014 (note CEC requested re-submittal as they were unable to locate documents in their files)		As Required
SOIL&WATER 11.2	OPS	2. Any Water Supply Plan submitted pursuant to this Condition shall include the following: A. Identification of the water source; B. Demonstration of the project owner's legal entitlement to the water; C. Demonstration of CEQA compliance; and D. An estimated schedule for delivery to the DWA's Mission Creek Spreading Grounds, including applicable agreements with water supply, transfer and conveyance entities. 3. The project shall not utilize water other than North Kern water unless the CPM has approved the Water Supply Plan submitted pursuant to this Condition.	The project owner shall submit a Water Supply Plan that meets the requirements of this condition.	Consistent with each CPV purchase of water for recharge	As Required			Complete for Yuba Water
SOIL&WATER 12	CON/OPS	The project owner shall treat all process wastewater streams with a Zero Liquid Discharge (ZLD) system that results in a residual solid waste. The solid waste shall be disposed of in the appropriate class of landfill suitable for the constituent concentrations in the waste. Surface or subsurface disposal of process wastewater from the CPV Sentinel is prohibited. The project owner shall operate the ZLD system in accordance with a ZLD management plan approved by the CPM. The ZLD management plan shall include the following elements: 1. A flow diagram showing all water sources and wastewater disposal methods at the power plant; 2. A narrative of expected operation and maintenance of the ZLD system; 3. A narrative of the redundant or back-up wastewater disposal method to be implemented during periods of ZLD system shutdown or maintenance; 4. A maintenance schedule; 5. A description of on-site storage facilities and containment measures; 6. A table identifying influent water quality; 7. A table characterizing the constituent concentrations of the solid waste or brine and specifying the permit limits of the selected landfill. The CPV Sentinel operation and wastewater production shall not exceed the treatment capacity of the ZLD system or result in an industrial wastewater discharge.	At least 60 days prior to the start of commercial operation, the project owner shall submit to the CPM evidence that the final design of the ZLD system has the approval of the Chief Building Officer. At least 60 days prior to the start of commercial operation, the project owner shall prepare a ZLD management plan for review and approval by the CPM. The ZLD management plan shall be updated by the project owner and submitted to the CPM for review and approval if a change in water source or infrastructure is needed. In the annual compliance report, the project owner shall submit a status report on operation of the ZLD system, including dates and length of disruptions, maintenance activities performed, volume of interim wastewater streams stored on site, monthly volumes of residual salt cake or brine generated, and results of at least one annual sampling of the waste solids or brine comparing the constituent concentrations to the permit limits of the landfill. The annual compliance report shall contain an evaluation of whether the ZLD is being operated within the parameters described in the ZLD management plan. The ZLD management plan shall be updated by the project owner if the CPM has determined it is necessary based on the project owner's Annual Compliance Report.	At least 60 days prior to the start of commercial operation and Annually	06/15/14	8/26/2013	8/26/2013	On-going
SOIL&WATER 14.3	OPS	3. The project owner shall, in each calendar year following the start of commercial operation, ensure that the maximum available supply of DWA's recycled water that can be beneficially used by PSNGC will be delivered and used by PSNGC.	See SOIL&WATER 14.1. NOTE: Submittal on 11-5-13 regarding groundwater no longer an option (DWA 11-4-13 memo). As of 11-5-13, awaiting CPM approval.	No later than 60 days prior to the start of conversion project operation	Annually	11/5/2013	11/13/2013	Complete
SOIL&WATER 14.4	OPS	4. The project owner shall obtain records from DWA showing the volume of recycled water used and report, in acre-feet, the monthly and annual water use in the Annual Compliance Report. If any groundwater is used for irrigation of PSNGC, the project owner shall also obtain records showing the monthly and annual totals in acre-feet in the Annual Compliance Report and provide an explanation of why irrigation with groundwater was necessary.	See SOIL&WATER 14.1	No later than 60 days prior to the start of conversion project operation	Annually			On-going
SOIL&WATER 14.5	OPS	5. In the event the PSNGC no longer requires recycled water service, the project owner shall notify the CPM within 10 days and shall comply with the requirements of SOIL&WATER-16.	See SOIL&WATER 14.1	As required. Only applicable if PSNGC no longer uses water.	As Required			As Required

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

CEC Control	CCP Code	Description	Verification/Action/Status Required by Project Owner	Frequency	Initial Review Date/CCP	Due Date/CCP	Due Date/CCP	Due Date/CCP	Status
SOILWATER 15.1	CCN/OPS	In accordance with the WSP, the project owner will fund installation by DWA of irrigation controllers in existing residential and businesses in DWA's service area to achieve fresh water conservation consistent with the WSP. The project owner shall: 1. Coordinate funding sufficient for DWA's installation of 4,500 irrigation controllers in service area at existing businesses or residences to conserve an estimated 400 to 700 acre-feet of groundwater per year.	The project owner shall do all of the following: 1. No later than one year after funding implementation of the irrigation controller program the project owner shall develop and submit to the CPM for approval a methodology and outline for a report to evaluate the effectiveness of the irrigation controller program and estimate the water savings in the Upper Colorado Valley Groundwater Basin. The methodology shall address how to account for the number of controllers that remain in use over time as well as the amount of savings per controller installed. 2. Each year after initiating the irrigation controller program, and annually thereafter for the life of the project, the project owner shall analyze the effectiveness of the irrigation controller program using the approved method and report on the total water conservation achieved. The report should be included in the Annual Compliance Report for approval by the CPM. 3. Submit to the CPM as part of the Annual Compliance Report documentation the following: a. The annual invoice paid to the DWA, in accordance with the Water Conservation Funding Agreement dated July 15, 2008. This shall include prior to invoice payment to the DWA. b. The estimated total and average water conservation achieved based on the number of controllers installed. c. The accounting of the project owner's contributions to DWA's irrigation controller program over the life of the program. Calculations shall be on a calendar year basis.	No later than one year after funding implementation of the irrigation controller program annually	08/01/13	10/2/2013	12/15/2013	Complete for irrigation controller program methodology	
SOILWATER 16.2	OPS	2. Cause DWA to complete an evaluation of the effectiveness of the irrigation controller program using methods similar to those used by CVPWD in their Final Report dated June 21, 2007 or other methods to be approved by the CPM.	Per direction from CEC, project owner will submit 1) letter from DWA explaining why irrigation controller program is not effective, 2) DWAs provide letter with description of alternative water conservation project(s) including CPV payment(s) and estimated water savings.	No later than one year after funding implementation of the irrigation controller program annually	Annually				Complete for analyses of effectiveness of irrigation controller
SOILWATER 16	OPS	The project owner shall perform the following: 1. Provide annual reporting to assess whether the fresh water conservation benefits achieved by implementation of SOILWATER 14 and SOILWATER 16 have met the following requirements: A. Achieve 1,000 APY in fresh water conservation benefits by the end of the first full calendar year following the project commercial operation date, increasing by 100 APY annually over the subsequent 5 years to 1,600 APY by the end of the 6th full calendar year following the commercial operation date. B. Achieve minimum cumulative water conservation benefits of 1,600 APY for each year following the first full calendar year following the commercial operation date for the life of the project. 2. If the fresh water conservation benefits of the water supply conversion of the PSNGO and the irrigation program projects identified in 1, A and B above cannot be sustained for any reason, the project owner shall submit a revised Water Conservation Plan within 6 months of the annual report, obtain CPM approval of the revised plan, and implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1, A and B of this condition.	For each year following the commercial operation date, the project owner shall provide an Annual Compliance Report, an accounting of fresh water conservation benefits for the previous calendar year, and a summary of annual fresh water conservation quantities since inception. If the water conservation benefits are not in conformance with the fresh water performance measures included in this condition, the project owner shall submit: 1. A revised Water Conservation Plan within 6 months of the annual report; 2. Obtain CPM approval of the revised plan; and 3. Implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1, A and B of this condition.	within 6 months of the annual report	Annually				Ongoing
SOILWATER-3.2	CCN/OPS	The project owner shall construct and operate up to five on-site groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction permit to the County of Riverside. In accordance with the County of Riverside Ordinance 692, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater (dewatering) until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well.	No later than 60 days after installation of each well at the project site, the project owner shall ensure that the well driller submits a Well Completion Report to the DWR with a copy provide to the CPM. The project owner shall submit to the CPM together with the Well Completion Report a copy of well drilling logs, water quality analyses, and any inspection reports that may be: 1. Submit copies to the CPM of any proposed well construction or operation permit changes within ten (10) days of submitted to or received from the County of Riverside. 2. Submit copies of any water well permit-related well monitoring reports required by the County of Riverside to the CPM in the annual compliance report. 3. No later than fifteen (15) days after completion of the on-site water supply wells, the project owner shall submit documentation to the CPM and the RWQCB that well drilling is available for each well installed.	No later than 60 days after installation of each well at the project site, submit a Well Completion Report	10/01/13	6/28/2012	6/29/2012	Open	

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

SOIL/WATER-#	Soil Code	Description	Verification/Action/Submit Required by Project Owner	Time Frame	Due Date	Due Date	Due Date	Status
SOIL/WATER-1	CON/OPS	The project owner shall construct and operate up to five on-site groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MGSB). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordinance 882, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well.	During well construction and for the operational life of the well, the project owner shall: 1. Submit copies to the CPM of any proposed well construction or operation changes. 2. Submit copies of any water well monitoring reports required by the County of Riverside to the CPM in the annual compliance report. 3. No later than fifteen (15) days after completion of the onsite water supply wells, the project owner shall submit documentation to the CPM and the RWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sample used for project drilling activities were removed in compliance with 23 CCR section 2511(c).	During well construction and for the operational life of the well, submit proposed well construction or operation. Annually, Submit copies of any water well monitoring reports, no later than fifteen (15) days after completion of the onsite water supply wells, submit documentation that well drilling activities were conducted	08/15/14			On-going
SOIL/WATER-2	CON/OPS	The project owner shall use potable water supplied by one of the following: (1) Mission Springs Water District (MSWD); or (2) onsite wells. The annual use of potable water shall not exceed 2-acre-feet per year. If MSWD on-site wells are the source of potable water, the project owner shall monitor and record in gallons per day the total volume of potable water supplied to the CPV Sentinel Project. Prior to the use of potable water for commercial operation, the project owner shall either install and maintain metering devices as part of the water supply and distribution system or verify that the water supplier will provide metering allowing the project owner to document project water use as required. The metering devices	At least 60 days prior to commercial operation of CPV Sentinel project, the project owner shall submit to the CPM a copy of the water supply agreement, if applicable, and evidence that metering devices have been installed, and are operational. Potable water use reporting may be based on metering from the supplier.	At least 60 days prior to commercial operation, submit copy of the water supply agreement. Annually, submit summary of amount of water used for potable purposes	10/01/13	3/30/2013	3/16/2013	On-going (Annual Report)
SOIL/WATER-3	OPS	Where it is determined that the project owner shall reimburse a private well owner for increased energy costs identified as a result of analysis performed in Condition or Certification SOIL/WATER-4, the project owner shall calculate the compensation owed to any owner of an impacted well.	This verification for compensation required for increased lift shall be as follows: 1. No later than 30 days after CPM approval of this well drawdown analysis, the project owner shall submit to the CPM for review and approval all documentation and calculations describing necessary compensation for energy costs associated with additional lift requirements. 2. The project owner shall submit to the CPM all calculations, along with any letters signed by the well owners indicating agreement with the calculations and the name and phone numbers of those well owners that do not agree with the calculations. 3. Compensation payments shall be made by March 31st for each year of project operation as in the sum agreed to by the project owner and the well owners. 4. The project owner shall submit to the CPM a compliance report describing compensation for increased energy costs necessary to comply with the provisions of this condition.	No later than 30 days after CPM approval of the well drawdown analysis, Compensation by March 31st of each year of operation	Not Required			Complete
SOIL/WATER-5	CON/OPS	The CPV Sentinel Project shall use groundwater produced by the on-site wells identified in SOIL/WATER-3 for all non-potable plant construction and process uses during operation including cooling and landscape irrigation. Prior to the use of groundwater for commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to document project process water use as required to monitor and record in hundreds of cubic feet per month the total volume(s) of water supplied to the CPV Sentinel Project from this water source. The metering devices shall be operational for the life of the project. Each well to be constructed will be metered separately or provisions will be made to ensure water use from each well can be identified and documented. b. The amount of groundwater that can be used for project process needs shall be limited as follows: 1. No more than 1,100 acre-feet may be consumed in any calendar year; and 2. In any given month, the amount of water that may be consumed is the total amount of water that has been recharged (pursuant to SOIL/WATER-10) 10 months or more prior to that month, minus the cumulative amount of water previously pumped for project process needs since the commercial operation date. c. The project owner shall submit to the CPM an annual summary of daily groundwater use for project process needs, including monthly subtotals and an accumulation of all project groundwater use since the commercial operation date, and the accumulation of groundwater recharged in accordance with SOIL/WATER-10.	The project owner shall prepare an annual summary, which will include identification of the well or wells used, daily groundwater usage in gallons per day, maximum and minimum daily usage in for each month, and annually, and total volume of groundwater used on a monthly and annual basis in acre-feet. For years subsequent to the initial year of operation, the annual summary will also include two yearly maximum and minimum and yearly average water use by source. Calculations shall be performed on a calendar year basis. At least sixty (60) days prior to commercial operation of the CPV Sentinel project, the project owner shall submit to the CPM evidence that metering devices have been installed and are operational for process water supply and distribution.	Monthly tracking and Annual summary. At least sixty (60) days prior to commercial operation	10/01/13	4/28/2013	5/2/2013	On-going (Monthly tracking and Annual Report)

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

CEC Condition	Sort Code	Description	Verification/Action/Submit(s) required by Project Owner	Frequency	Original Due Date	Due Date of CEC/2013/2014	CEC Approval Date	Status
TLN-2	OPS	The project owner shall ensure that every reasonable effort is made to identify and correct, on a case-specific basis, any complaints of interference with radio or television signal transmission operation of the project-related lines and associated outbuildings. The project owner shall maintain written records for a period of five years, of all complaints of radio or television interference attributable to line operation together with the corrective action taken in response to each complaint.	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.	Annual	09/15/14			On-going
TLN-3.2	OPS	The project owner shall use an individual experienced in measuring EMF according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity for which intensity estimates were provided by the project owner. The measurements shall be made before and after energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures. These measurements shall be completed not later than six months after the start of operations.	The project owner shall file copies of the post-energization measurements with the CPM. These measurements shall be completed not later than six months after the start of operations.	Within 60 days after completion of the measurements.	09/01/13	6/28/2013	7/18/2013	Complete
TLN-4	OPS	The project owner shall ensure that the rights-of-way of the proposed transmission line are kept free of combustible material.	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 and provide such summaries in the Annual Compliance Report.	Annual	09/15/14			On-going
VIS-1.4	OPS	The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances.	The project owner shall provide a status report regarding exterior 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.	Annual	09/15/14			On-going (Annual Report)
VIS-2.5	OPS	Project Owner shall resolve all lighting complaints	Within 48 hours of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions, including a proposal to resolve the complaint, and a schedule for implementation. The project owner shall notify the CPM within 48 hours after completing implementation of the proposal. A copy of the complaint resolution form report shall be submitted to the CPM within 80 days.	48 hours of receiving complaint	10/01/13			As Required
VIS-2.6	OPS	Project Owner shall resolve all lighting complaints	The project owner shall provide a status report regarding permanent exterior lighting in the Annual Compliance Report. The report shall specify a) the condition of the lighting that has been installed under the lighting plan at the end of the reporting year; b) any deviations in lighting from the plan that occurred during the reporting year; and c) any proposed deviations from the lighting plan for the next year.	Annual	09/15/14			On-going (Annual Report)
VIS-3.6	OPS	The project owner shall develop a landscape plan that a) reduces the visibility of the project from the desert to diverse b) screens the project from the desert and c) complies with local policies and ordinances of Riverside County, including Policy/WDVAP 12.4 which require screening and/or landscaping of outdoor storage areas, such as container storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents traveling to the south and west of the project.	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.	Annual	Annually		3/5/2013	Complete
WASTE-10	OPS	At a minimum, the project owner shall conduct annual analyses of the solids residue from the ZLD process to determine if the solids are hazardous or non-hazardous and ensure appropriate disposal of the solids residue. The project owner shall also conduct analyses of the ZLD solids after any change in water supply to determine if the solids are hazardous or non-hazardous.	The project owner shall submit to the CPM a copy of documentation showing appropriate disposal of the ZLD solids.	Monthly	Monthly	Multiple		On-going
WASTE-11	OPS	The project owner shall submit annual compliance reports to the CPM documenting the annual volumes of wastes generated and the method used to manage the waste generated, such as recycling or disposal. If such waste are disposed of offsite, the disposal facility(ies) name and address shall be included in the report.	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. The annual compliance report shall include a comparison of the actual waste generation and management methods used as compared to those proposed in the original Operation Waste Management Plan. The Operation Waste Management Plan shall be updated as necessary to address current waste generation and management practices.	Monthly tracking and Annual Compliance Report	10/01/13			On-going (Monthly tracking and Annual Report)

Attachment 1
Table 1
Compliance Matrix for CPV Sentinel Project

CEC Code	CEC Code	Description	Verification/Action/Status Required by Project Owner	Due Date	Date Due to CEC/CPM	Date Submitted to CEC/CPM	CEC/CPM Approval	Status
WASTE-5	CONOPS	The project owner shall ensure that spills or releases of hazardous substances, hazardous materials, or hazardous wastes associated with the construction or operation of the project are reported, delineated, cleaned-up, and remediated as necessary, under the supervision of a California Professional Geologist or Engineer and in accordance with the requirements of the Riverside County Department of Environmental Health. This responsibility excludes construction, operation, and maintenance of the transmission lines, which will be installed, operated, and maintained by Southern California Edison.	The project owner shall document all unauthorized spills or releases of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of this unauthorized spill documentation shall be provided to the CPM.	Within 30 days of the date the release was discovered	10/01/13			As Required
WASTE-7	CONOPS	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 project owner contracts.	The project owner shall notify the CPM, in writing. The CPM shall notify the project owner of any changes that would be required in the way project related wastes are managed.	Within 10 days of becoming aware of an impending enforcement action	10/01/13			As Required

ATTACHMENT 2

EVIDENCE OF RTCs (PER AQ-16)

Sentinel - 2024 RTC Holdings Summary

2024/2025	Holdings	NonTrade/NonUsable
Coastal	23,793	0
Inland	35,191	0
Total	58,984	0
2024	Holdings	NonTrade/NonUsable
Coastal	71,583	0
Inland	9,911	0
Total	81,494	0
Rule 2002, Table 9 (2024)	-	58,290
Rule 2002, Table 9 (2024/2025)	-	42,190
Total 2024 I298.x RTC Holdings Requirement at Start of Compliance Year (after first year)	240,957	
Total 2024 Holdings at Start of Compliance Year	240,958	

Sentinel - I298.x Requirement Summary

Condition	First Year	Each compliance year after first year
I298.1	35,839	30,110
I298.2	77	77
I298.3	35,839	30,110
I298.4	35,839	30,110
I298.5	35,839	30,110
I298.6	35,839	30,110
I298.7	35,839	30,110
I298.8	35,839	30,110
I298.9	35,839	30,110
Total	286,789	240,957



South Coast Air Quality Management District

Form 2007-2

Regional Clean Air Incentives Market Trading

Credits (RTCs) Transaction Registration

Submit this form and required documents with Transaction Registration Fee pursuant to Rule 301.

E-Mail To:
reclaim_042@aqmd.gov
OR
SCAQMD-RECLAIM-Administration - RTC Transfers
P.O. Box 4830
Diamond Bar, CA 91765-0830
Tel: (909) 396-3119, www.aqmd.gov

PLEASE NOTE: Each RTC transaction requires Form 2007-2 to be submitted annually to reclaim_042@aqmd.gov.

In lieu of email submission, you may submit to South Coast AQMD/RECLAIM Administration, P.O. Box 4830, Diamond Bar, CA 91765-0830. A digital copy of Form 2007-2 may be generated via optical image scan or photograph of the document with wet signature. Digital signatures, including the use of the Adobe Acrobat "Fill & Sign" tool (or equivalent) will NOT be accepted. All digital submissions must be clearly legible and all pages complete. Note that the final Trade Letter(s) will be transmitted to the email addresses listed below. Hard copies of Trade Letters will NOT be sent. To pay the RTC Transaction Fee online, send an email to: reclaim_042@aqmd.gov requesting electronic payment when submitting Form 2007-2.

Name of Buyer/Transferee: **FATHOM ENERGY LLC dba FATHOM CA** Account ID: **700179**
Name of Seller/Transferor: **Sentinel Energy Center, LLC** Account ID: **162707**

Pollutant: ☒ NOx or ☐ SOx (only for future use) Is this part of a Swap transaction? ☐ Yes ☒ No

Is this form reporting the trade of an Infinite-Year Block of RTCs? ☒ No ☐ Yes

If "Yes," Total Value of Transaction \$ **N/A** Enter N/A in the "Price" column below. Report in this form only those RTCs that are traded as part of a single negotiated price. File separate forms to transfer any other RTCs that were negotiated for a separate price.
(Attach a separate form if more than 4 transfers are being registered.)

Order	Trade Date	Expiration Year	Region/Zone	Quantity	Price	Buyer Code	Seller Code	Buyer Name	Seller Name	Notes
1	12/31/2023	Single Year Trade	Coastal	47912	\$4,2500	03	03	A	REG XX	N/A

In the "Trade Completion Year" column, fill in the expiration date of the first compliance year RTCs. The "To Compliance Year" column is used to enter (1) single year transaction, (2) perpetual swap transaction, or (3) multiple year transaction of RTCs of same zone, quantity, and price in a single row. For a single year transaction, mark this column "Single Year Trade". For a perpetual swap transaction, mark the column "All Years All". For a multiple year transaction, fill in the expiration date of the first compliance year. Use separate forms for transactions of different RTCs quantities or prices. Transactions for all compliance years between these two columns will be registered. See reverse side for examples.

Buyer/Use Codes (only one code per transaction) 01 Increase RTC Allocation account balance to satisfy annual compliance 02 Use under Rule 2005 - New Source Review for RECLAIM 03 Increase RTC certificate account balance without issuance of physical certificate 04 Increase RTC certificate account balance with issuance of physical certificate 05 Retire RTCs from market without issuance of physical certificate 06 Retire RTCs from market with issuance of physical certificate 07 Facility Acquisition (Change of Ownership)		Seller Generation Codes 01 Process Change 02 Addition of Control Equipment 03 Production Decrease 04 Equipment or Facility Shutdown 05 Facility Acquisition (Change of Ownership) 06 RTCs for Future Compliance Year: codes of generation not yet been determined		Seller Account Source Codes (only one code per transaction) A Allocation Account B Certificate Amount C Printer Certificate (serial list) D Certificate Serial number and attach certificate to this form E If this Account Source Code is selected, then select "N/A" from Generation Code field	
--	--	--	--	---	--

NOTE: RTCs in Certificate or Printed Certificate Account must be transferred to Allocation Account to be eligible for compliance use.

Selection of this Generation Code must be accompanied by the selection of Allocation Source Code "A" - Allocation Account

Origin of Credits:
State Rule Number from which the credits were originally issued (e.g., Reg XX, R163, R206, etc.)

Answer the following questions:
A. Is this transaction part of a swap transaction or market? ☒ Yes - Attach Form 2007-3 to identify participants (Part A only) ☐ No - Go to Question B
B. Is a seller an agent, broker, or other intermediary representing the owner of RTC? ☒ Yes - Attach Form 2007-3 to identify Owner of RTC (Part B only) ☐ No - Complete this form only
Date when this transaction was signed upon (Trading transaction only) **01/18/2024** Attach purchase agreement or transaction confirmation.

I certify that I am authorized to make this submission on behalf of the affected registered holders of the RTCs listed herein. I certify that the statements are true, accurate and complete to the best of my knowledge.

Jack Canfield
Authorized Representative of Buyer/Transferee (Print Name)
jc@fathomenergy.us
Email Address of Authorized Representative of Buyer/Transferee
01/18/2024
Signature Date

Nao Jiao
Authorized Representative of Seller/Transferor (Print Name)
nao.jiao@scqmd.com
Email Address of Authorized Representative of Seller/Transferor
01/18/2024
Signature Date



South Coast Air Quality Management District

Form 2007-2

Regional Clean Air Incentives Market Trading

Credits (RTCs) Transaction Registration

Submit this form and required documents with Transaction Registration Fee pursuant to Rule 301.

E-Mail To:
reclaim_q&a@aqmd.gov
OR
Mail To:
SCAQMD, RECLAIM Administration - RTC Transfers
P.O. Box 4830
Diamond Bar, CA 91765-0830

Tel: (909) 396-3119, www.aqmd.gov

PLEASE NOTE: Email each RTC transaction registration form 2007-2 to the email address listed below.

In lieu of email submittal, you may submit to South Coast AQMD, RECLAIM Administration, P.O. Box 4830, Diamond Bar, CA 91765-0830. A digital copy of Form 2007-2 may be generated via optical image scan or photograph of the document with wet signature. **Digital signatures, including the use of the Adobe Acrobat "Fill & Sign" tool (or equivalent) will NOT be accepted.** All digital submittals must be clearly legible and all pages complete. Note that the final Trade Letter(s) will be transmitted to the email addresses listed below. **Hard copies of Trade Letters will NOT be sent.** To pay the RTC Transaction Fee online, send an email to reclaim_q&a@aqmd.gov requesting electronic payment when submitting Form 2007-2.

Name of Buyer/Transferee FATHOM ENERGY LLC dba FATHOM CA Account I.D. # 700179
Name of Seller/Transferor Sentinel Energy Center, LLC Account I.D. # 152707

Pollutant: ☒ NOx or ☐ SOx (Identify one pollutant only.) Is this part of a Swap transaction? ☐ Yes ☒ No

Is this form reporting the trade of an Infinite-Year-Block of RTCs? ☒ No ☐ Yes

If "Yes," Total Value of Transaction \$ N/A; Enter N/A in the "Price" column below; Report in this form only those RTCs that are traded as part of a single negotiated price. File separate forms to transfer any other RTCs that were negotiated for a separate price.

(Attach a separate form if more than 4 transfers are being registered.)

Transaction #	From Compliance Year	To Compliance Year	Zone	Quantity	Price	Buyer	Seller	Account Source Code	State Rule	Comments
1	12/31/2023	Single Year Trade	Coastal	47912	\$4.2500	03	03	A	REG XX	N/A

In the "From Compliance Year" Column, fill in the expiration date of the first compliance year RTCs. The "To Compliance Year" Column is used to enter (1) single year transaction, (2) perpetual stream transaction, or (3) multiple year transaction of RTCs of same zone, quantity, and price in a single line. For a single year transaction, mark this column "Single Year Trade". For a perpetual stream transaction, mark this column "All Years After". For a multiple year transaction, fill in the expiration date of the last compliance year. Use separate lines for transactions of different RTCs, quantities or prices. Transactions for all-inclusive years between these two columns will be registered. See reverse side for examples.

Buyer Use Codes (only one code per transaction)		Seller Generation Codes		Seller Account Source Codes (only one code per transaction)	
01	Increase RTC Allocation account balance to satisfy annual compliance	01**	Process Change	A	Allocation Account
02	Use under Rule 2005 - New Source Review for RECLAIM	02**	Addition of Control Equipment	B**	Certificate Amount
03	Increase RTC certificate account balance without issuance of physical certificate.	03**	Production Decrease	C**	Printed Certificate (must list Certificate Serial number and attach certificate to this form)
04	Increase RTC certificate account balance with issuance of physical certificate.	04**	Equipment or Facility Shutdown	** If this Account Source Code is selected, then select "N/A" from Generation Code field.	
05	Retire RTCs from market without issuance of physical certificate.	06	Facility Acquisition (Change of Ownership)		
06	Retire RTCs from market with issuance of physical certificate.	07	RTCs for Future Compliance Year; cause of generation not yet been determined.		
07	Facility Acquisition (Change of Ownership)				
NOTE: RTCs in Certificate or Printed Certificate Account must be transferred to Allocation Account to be eligible for compliance use.		** Selection of this Generation Code must be accompanied by the selection of Account Source Code "A" - Allocation Account.		Origin of Credits State Rule Number from which the credits were originally issued (e.g., Reg XX, R1631, R2506, etc.)	

Answer the following questions:

A. Is this transaction part of a pooled transactions or market?

☒ Yes → Attach Form 2007-3 to identify participants (Part A Only)

☐ No → Go to Question B

B. Is seller an agent, broker, or other intermediary representing the owner of RTC?

☐ Yes → Attach Form 2007-3 to identify Owner of RTC (Part B Only)

☒ No → Complete this form only

Date when this transaction was agreed upon (trading transaction date): 01/18/2024 → Attach purchase agreement or transaction confirmation.

I certify that I am authorized to make this submission on behalf of the affected registered holders of the RTCs listed herein. I certify that the statements are true, accurate and complete to the best of my knowledge.

Jack Canfield

Authorized Representative of Buyer/Transferee (Print Name)

jcannfield@fathomenergy.us

Email Address of Authorized Representative of Buyer/Transferee

Signature

01/18/2024

Date

Nao Joe

Authorized Representative of Seller/Transferor (Print Name)

n.joe@dgc-us.com

Email Address of Authorized Representative of Seller/Transferor

Signature

01/18/2024

Date

ADDENDUM

Attention: South Coast Air Quality Management District ("SCAQMD")
Date: 01/18/2024
Transferor: Sentinel Energy Center, LLC
Transferee: Fathom Energy LLC dba Fathom California
Volume: 47,912 lbs. of 2023 Cycle 1 Coastal NOx RECLAIM Trading Credits
Original Date of Contract: 06/04/2020

Counterparties:

Transferor

Sentinel Energy Center

Mr. Nao Joe
P.O. Box 1328
Desert Hot Springs, CA 92240

Transferee

Fathom Energy LLC dba Fathom California

Mr. Jack Canfield
2925 Richmond Ave., Suite 1265
Houston, TX 77098

Signature:

Nao Joe

Jack Canfield

Printed Name:

Nao Joe

Jack Canfield

Date:

1/19/2024

01/19/2024



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

RTC Transfer Confirmation
SCAQMD RECLAIM ADMINISTRATION
P.O. BOX 4830, DIAMOND BAR CA 91765-0830

This letter is to confirm that the South Coast Air Quality Management District (AQMD) has received RTC trading information to comply with Rule 2007-Trading Requirements. The following summarizes your company information and the registration information that you and your trading partner specified in Form 2007-2. The transactions have been recorded and the RTC Listing was updated.

Registration No: 15382

Recording Date: 2/8/24

Pollutant: NOX

TRANSFER FROM:

Company Name: SENTINEL ENERGY CENTER LLC
Facility ID: 152707
Signing Representative: Nao Joe
Mailing Address: PO BOX 1328
DESERT HOT SPRINGS, CA 92240-

TRANSFER TO:

FATHOM ENERGY LLC dba FATHOM CALIFORNI
700179
Jack Canfield
2925 RICHMOND AVENUE SUITE 1265
HOUSTON, TX 77098-

Terms of RTC Transferred			Original Zone	Quantity (lb/yr)	Unit Price (\$/lb)	Use Code	Generation Code	Account Source	Origin of Credits
Cycle	From Compliance Year (*)	To Compliance Year (*)							
1	12/31/2023	Single Year Trade	COASTAL	47,912	4.2500	03	03	A	REGXX

(*) RTC Expiration Date

Approved By:

(Signature)

JASON ASPELL

DEPUTY EXECUTIVE OFFICER

Engineering & Permitting

Code Description :

Use Code (03) : Increase RTC certificate account balance without issuance of physical certificate

Generation Code (03) : Production Decrease

Account Source (A) : Allocation

ATTACHMENT 3

**BIOLOGICAL RESOURCES ANNUAL SUMMARY REPORT AND WEAP
TRAINING SIGN-IN SHEETS (PER BIO-2)**

Training Record and Attendance Report

SENTINEL ENERGY CENTER

Rev: 1 Date: 06/19/17 Training Program 7101.03-SEC-TOL

Note: Attach relevant training materials (syllabus, handout, worksheet, exam, etc.) before filing.

Program Title:	NEW EMPLOYEE SAFETY ORIENTATION TRAINING / WEAP
Instructor:	MANAGEMENT / EH&S
Date:	

Employee Name	Initials	Date	Employee Name	Initials	Date
Jamonte Jennings	JJ	12-23-24			

Training Lesson Plan:

NEW EMPLOYEE ORIENTATION PROGRAM

Materials and Training Aids Used:

SAFETY ORIENTATION POWER POINT, WEAP VIDEO
7102-SEC-PRO AND ASSOCIATED ATTACHMENTS

Topics Discussed:

- SAFETY PROCESS / PROCEDURES
- STANDARD QUALIFICATION REQUIREMENTS
- WEAP

Comments:

**ATTACH TEST – PLACE COPY IN PERSONAL QUALIFICATION BINDER

Sentinel Biological Resources Annual Summary Report

Dates covered: January 1– December 31, 2024

Operational Biological Resources Activities:

Regular site inspections during operation. The Plant site has continued the use of bird deterrents to discourage rock pigeons from nesting on various units located within the Plant site. Bird deterrents include Bird-B-Gone predatory bird call signals.

Staff continues to regularly check of rodent traps and spraying for pest/insects around each unit and the Admin Building.

Species Detected (include dates): N/A

No Endangered or Protected wildlife has been detected during the reporting years.

Other: N/A

Any wildlife injured or killed? No ☒ Yes ☐ (If yes, describe below) No wildlife injuries or deaths have been observed or reporting during the reporting period.

Compliance Observations and Issues: N/A

The implementation of Bird-B-Gone has reduced rock pigeon nesting within the Plant site. No special-species status species, including threatened and/or endangered species have been observed on the plant site during the reporting period.

Other Notes:

ATTACHMENT 4

LIST OF HAZARDOUS MATERIALS (PER HAZ-1)

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org:	Sentinel Energy Facility	Chemical Location:	CERS ID	10561690
Facility Name:	Sentinel Energy Center, LLC	ADMIN BLDG/UNITS- AUXILIARY TRANSFORMERS (10 TRANSFORMERS)	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	Dielectric Fluid (Envirotemp FR3 Fluid)	Gallons	5500	550	5500		- Health Acute	soybean oil	99%	8001-22-7
		State	Storage Container		Pressue	Waste Code	Toxicity			
		Liquid	Other		Ambient					
		Type			Temperature					
		Mixture	Days on Site: 365		Ambient					
	CAS No									

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	AMMONIA STORAGE AREA	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Ammonium Hydroxide Solution	Gallons	24000	12000	24000		- Physical	AMMONIA, ANHYDROUS	19%	✓ 7664-41-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Flammable			
		Liquid	Aboveground Tank		Ambient	<u>Waste Code</u>	- Health Acute			
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		Ambient		- Health Serious			
							Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Backup Battery Room; PCM/each unit; switch yard relay control bldg	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	3684	3.87	3684		- Physical	Sulfuric Acid	40%	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Corrosive To			
		Liquid	Other		Ambient		Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Acute			
		Mixture	Days on Site: 365		< Ambient		Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org **Sentinel Energy Facility**
 Facility Name **Sentinel Energy Center, LLC**
 15775 Melissa Ln, North Palm Springs 92258

Chemical Location
FIRE WATER PUMP

CERS ID **10561690**
 Facility ID **FA0039040**
 Status **Draft**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel <u>CAS No</u> 68334-30-5	Gallons	350	350	350		- Health			
		<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Carcinogenicity			
		Liquid	Aboveground Tank		Ambient	<u>Waste Code</u>	- Health Acute			
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Fuel Gas Compressor Area	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Nitrogen	Cu. Feet	2345	335	2345	0	- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Under Pressure			
	7727-37-9	Gas	Cylinder		> Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Sentinel Energy Facility**
 Facility Name **Sentinel Energy Center, LLC**
 15775 Melissa Ln, North Palm Springs 92258

Chemical Location
haz ,mat locker

CERS ID **10561690**
 Facility ID **FA0039040**
 Status **Draft**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Gear Oil	Gallons	120	5	120		- Health Acute Toxicity	VARIOUS LUBRICATING BASE OILS	99%	93572-43-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>			<u>Pressue</u>				
		Liquid	Other				<u>Waste Code</u>			
Combustible Liquid, Class III-B		<u>Type</u>				<u>Temperature</u>				
		Mixture	Days on Site: 365			Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690						
Facility Name	Sentinel Energy Center, LLC	HAZARDOUS WASTE STORAGE AREA	Facility ID	FA0039040						
15775 Melissa Ln, North Palm Springs 92258			Status	Draft						
DOT Code/Fire Haz. Class	Common Name	Unit	Quantities	Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)				
DOT: 9 - Misc. Hazardous Materials	Oily Waste	Pounds	Max. Daily 1600	Largest Cont. 400	Avg. Daily 400	6310	- Health Acute Toxicity	mixed oils	8%	EHS CAS No. 64742-58-1
	CAS No	State	Storage Container		Pressue	Waste Code 352	ABSORBENTS	90%		
		Solid	Steel Drum		Ambient					
		Type			Temperature					
		Waste	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org	Sentinel Energy Facility	Chemical Location	CERS ID
Facility Name	Sentinel Energy Center, LLC	HAZARDOUS WASTE STORAGE AREA, Oil/Water Separator	10561690
	15775 Melissa Ln, North Palm Springs 92258		Facility ID FA0039040
			Status Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Waste oil	Gallons	575	300	400	580	- Health	Mixed oils	99%	64742-58-1
	CAS No	State	Storage Container		Pressue	Waste Code	Carcinogenicity			
		Liquid	Steel Drum, Other		Ambient	221	- Health Acute			
		Type			Temperature		Toxicity			
		Waste	Days on Site: 365		Ambient		- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Sentinel Energy Facility**
 Facility Name **Sentinel Energy Center, LLC**
 15775 Melissa Ln, North Palm Springs 92258

Chemical Location
ROTATING EQUIPMENT

CERS ID **10561690**
 Facility ID **FA0039040**
 Status **Draft**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	Lubricating oil	Gallons	69620	8270	68500		- Health Acute Toxicity	RESIDUAL OILS (PETROLEUM),	60%	64742-62-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>			SOLVENT DEWAXED		
		Liquid	Steel Drum, Other		Ambient	<u>Waste Code</u>		LUBRICATING OILS, PETROLEUM,	40%	64742-58-1
		<u>Type</u>			<u>Temperature</u>			HYDROTREATED SPENT		
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	SWITCH YARD TRANSFORMERS	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	Dielectric Fluid (Luminol)	Gallons	86800	9600	86800		- Health Acute	Luminol	98%	521-31-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity	1,2,3,4-	3%	119-64-2
		Liquid	Other		Ambient			TETRAHYDRONAPHTHALENE		
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	SWITCHYARD BREAKERS	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Sulfur Hexafluoride (SF6)	Pounds	1661	151	1661		- Physical Gas			
	CAS No	State	Storage Container		Pressue	Waste Code	Under Pressure			
	2551-62-4	Gas	Other		> Ambient		- Health Simple			
		Type			Temperature		Asphyxiant			
		Pure	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Unit 1-8, Fuel Gas Compressor Area	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	CEMS Calibration Gas	Cu. Feet	12740	140	12740		- Physical Gas	Nitrogen	70%	7727-37-9
		State	Storage Container		Pressure	Waste Code	Under Pressure	Oxygen	30%	7782-44-7
	CAS No	Gas	Cylinder		> Ambient		- Health Simple	Carbon Monoxide	0%	630-08-0
		Type			Temperature		Asphyxiant	Nitric Oxide	0%	10102--43-9
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	UNIT 1-8, Fuel Gas Compressor Area	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Cu. Feet	31500	350	31500		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	124-38-9	Gas	Cylinder		> Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Unit 1-8, HazMat Locker	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Biocide (Chemtreat CL49)	Gallons	1365	150	683	0	- Physical	Sodium Chlorosulfamate	10%	17172-27-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Corrosive To	Sodium Bromosulfamate	13%	134509-56-1
		Liquid	Aboveground Tank, Plastic/Non-metallic Drum		Ambient		- Health Acute	Sodium Hydroxide	10%	1310-73-2
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Unit 1-8, ZLD	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Sulfuric Acid Solution (93%)	Pounds	31733	3526	20000	0	- Physical	Sulfuric Acid Solution (93%)	93%	✓
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Corrosive To			
	7332-18-5	Liquid	Aboveground Tank		Ambient	<u>Waste Code</u>	Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		Pure	Days on Site: 365		Ambient		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage			
							Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Sentinel Energy Facility**
 Facility Name **Sentinel Energy Center, LLC**
 15775 Melissa Ln, North Palm Springs 92258

Chemical Location
Units 1-8, Haz Mat Locker

CERS ID **10561690**
 Facility ID **FA0039040**
 Status **Draft**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Chem Treat CL 14095	Gallons	1320	150	1320			sulfuric acid	2%	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>			zinc chloride	1%	7646-85-7
		Liquid	Aboveground Tank		Ambient	<u>Waste Code</u>		phosphoric acid	1%	7664-38-2
		<u>Type</u>			<u>Temperature</u>	135		benzotriazole	2%	95-14-7
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Warehouse	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	ZOK MX	Gallons	264	264	132	0	- Health Serious	Isotridecylalcohol, ethoxylated	5%	69011-36-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Eye Damage Eye			
		Liquid	Tote Bin		Ambient		Irritation			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	Warehouse, ZLD	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Chemsol 6020	Gallons	600	300	414	0		POLYDIMETHYLSILOXANE	5%	63148-62-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>				
		Liquid	Box		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org	Sentinel Energy Facility	Chemical Location	CERS ID	10561690
Facility Name	Sentinel Energy Center, LLC	ZLD, Hazmat Locker	Facility ID	FA0039040
	15775 Melissa Ln, North Palm Springs 92258		Status	Draft

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Calcium Chloride Solution 35%	Gallons	440	330	440		- Health Serious	CALCIUM CHLORIDE	35%	10043-52-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>			<u>Waste Code</u>	Eye Damage Eye Irritation			
		Liquid	Aboveground Tank, Plastic/Non-			Ambient				
		<u>Type</u>	metallic Drum			<u>Temperature</u>				
		Mixture	Days on Site: 365			Ambient				

ATTACHMENT 5

**WASTE MANAGEMENT METHODS AND WASTE MANIFESTS
(PER WASTE-11)**

From: [Lily Cardenas](#)
To: [Fong, Jonathan@Energy](mailto:Fong.Jonathan@Energy)
Subject: RE: WASTE-10 Verification

Thank you!

Lily Cardenas

EH&S Coordinator

DGC Operations, LLC
Sentinel Energy Center
15775 Melissa Lane
North Palm Springs, Ca 92258
lcardenas@dgc-ops.com
Phone: 760-288-7904
Cell: 760-399-7699

From: Fong, Jonathan@Energy [mailto:Jonathan.Fong@energy.ca.gov]
Sent: Tuesday, January 26, 2016 7:27 AM
To: Lily Cardenas
Cc: Jason King; Maggie.Fitzgerald@ch2m.com; Tom Walker
Subject: RE: WASTE-10 Verification

Lily-

As requested in CPV Sentinel's letter to the Energy Commission dated December 14, 2015, the CPM approves the request to conduct filter cake annually. In the event there is a change in water supply CPV shall conduct an additional analysis to confirm the criteria for non-hazardous classification.

If you have any questions, please feel free to contact me.

Jonathan Fong
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS 2000
Sacramento, CA 95814-5512
(916) 654-5005 (O)
(916) 661-8231 (C)
(916) 654-3882 (F)



From: Lily Cardenas [mailto:lcardenas@dgc-ops.com]

Sent: Monday, December 14, 2015 8:04 AM
To: Fong, Jonathan@Energy
Cc: Jason King; Maggie.Fitzgerald@ch2m.com; Tom Walker
Subject: WASTE-10 Verification

Good Morning,

Attached is a letter requesting a change to the language in WASTE-10 verification, which currently requires disposal documentation be submitted within 10 days of disposal. All supporting documentation is also attached. If you have any questions/concerns do not hesitate to contact me.

Best Regards,

Lily Cardenas

EH&S Coordinator

DGC Operations, LLC
CPV Sentinel Energy Project
15775 Melissa Lane
North Palm Springs, Ca 92258
lcardenas@dgc-ops.com
Phone: 760-288-7904
Cell: 760-399-7699

December 14, 2015

Jonathan Fong
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

Subject: CPV Sentinel Energy Project (07-AFC-3): WASTE-10 Verification

Dear Mr. Fong,

The CPV Sentinel Energy Project (CPV Sentinel) utilizes a ZLD system to treat two primary waste water streams. One from the oil/water separator, which receives effluent flows from the fuel gas compressor skids, gas turbines and air compressors, and the second from cooling tower blowdowns. The ZLD system removes dissolved and suspended solids from the wastewater, producing process water for reuse (returned to the raw water tank) and a cake by using a filter press to extract water. The filter cake is stored on-site pending disposal.

CPV Sentinel utilizes a Class II landfill in Riverside County, specifically Lamb Canyon Landfill, for disposal of the non-hazardous filter cake. Under Riverside County Ordinance 779, the Riverside County Waste Management Department (RCWMD) has the final authority to determine what materials will be accepted for disposal. The RCWMD previously reviewed analytical data and approved CPV Sentinel's request for disposal of filter cake at the Lamb Canyon Landfill. Please refer to Attachment A for copies of RCWMD approval and analytical results from the most recent sampling event.

The Verification for WASTE-10 currently requires CPV Sentinel to submit documentation of appropriate disposal within ten days of the disposal. CPV Sentinel respectfully requests the CEC approve and allow submittal of filter cake disposal documentation in the Annual Compliance Report. Submittal of the documentation in the Annual Compliance Report is consistent with WASTE-11. Finally, per WASTE-10 and SOIL&WATER-12 Conditions, CPV Sentinel will continue to conduct analysis of the filter cake at least once per year and should there be a change in water supply, CPV Sentinel will conduct additional analysis to confirm the filter cake still meets the criteria for classification as non-hazardous.

Guidance provided by the CEC staff on this matter is appreciated. Please do not hesitate to contact me if you require any additional information or clarification.

Sincerely,
Tom Walker

Period 1-1-24 Thru 12-31-24		Sentinel Energy Center			
Desert Valley County Disposal					
ZLD Cake Disposal		Acct # 3-0016551-9		20 CY-Container #1,2,3	
Pick Up Dates		Landfill Site	Measured type	Reported Quantity	Monthly Total
1/30/24		Edom Hill transfer station	Tons	5.71	
1/30/24		Edom Hill transfer station	Tons	5.30	11.01
2/14/24		Edom Hill transfer station	Tons	4.32	
2/22/24		Edom Hill transfer station	Tons	8.25	12.57
6/10/24		Edom Hill transfer station	Tons	3.75	3.75
7/11/24		Edom Hill transfer station	Tons	6.93	
7/30/24		Edom Hill transfer station	Tons	5.82	
7/30/24		Edom Hill transfer station	Tons	9.34	
7/30/24		Edom Hill transfer station	Tons	6.54	28.63
8/19/24		Edom Hill transfer station	Tons	8.22	8.22
Total Tons				64.18	

ARW622P
User: NI NETTE

DESERT VALLEY COUNTY
Wbrk Order List

1/07/25 Page: 1
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
CPV SENTI NAL	15775 MELISSA LN	NORTH PS COUNTY							
	850664	Action: 2/02/24			Status: Posted				
		Created: 1/30/24	8:13		By: NI NETTE				
3 -0016551	Route: IO	L# 0001: 2/02/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 1/30/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		5.71	64.110	173.74
		L# 0003: 1/30/24			# 1				
	850664	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 537.34							
	850665	Action: 2/02/24			Status: Posted				
		Created: 1/30/24	8:14		By: NI NETTE				
Route: IO		L# 0001: 2/02/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 1/30/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		5.30	64.110	147.45
		L# 0003: 1/30/24			# 3				
	850665	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 511.05							
	850816	Action: 2/02/24			Status: Posted				
		Created: 1/31/24	8:05		By: NI NETTE				
Route: IO		L# 0001: 2/02/24	20	TA	20 CY ROLLOFF DELIVER				
		L# 0002: 1/31/24			PLACE BEHIND ADMIN BUILDING				
		L# 0003: 1/31/24			GRAVEL ON THE BACK SIDE				
		L# 0004: 2/05/24			278				
	850816	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: .00							
	851738	Action: 2/13/24			Status: Posted				
		Created: 2/09/24	8:28		By: NI NETTE				
Route: IO		L# 0001: 2/13/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 2/12/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		4.32	64.110	84.63
		L# 0003: 2/12/24			1, 2, 3				
		L# 0004: 2/14/24			2				
	851738	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 448.23							
	851919	Action: 2/13/24			Status: Posted				
		Created: 2/12/24	10:15		By: NI NETTE				
Route: IO		L# 0001: 2/13/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 2/12/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		4.18	64.110	75.65
		L# 0003: 2/12/24			278				
	851919	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 439.25							

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Wbrk Order List

1/07/25 Page: 2
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
CPV SENTI NAL	15775 MELISSA LN	NORTH PS COUNTY							
	852612	Action: 2/21/24			Status: Posted				
		Created: 2/19/24	10:25		By: AMRAN				
Route: IO		L# 0001: 2/21/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 2/22/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		8.25	64.110	336.58
		L# 0003: 2/22/24			1				
	852612	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 700.18							
	854320	Action: 3/06/24			Status: Posted				
		Created: 3/04/24	13:59		By: NI NETTE				
Route: IO		L# 0001: 3/06/24	20	TT	20 CY DI SPOSAL NO RETURN		1.00		363.60
		L# 0002: 3/04/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		5.13	64.110	136.55
		L# 0003: 3/04/24			278				
	854320	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 500.15							
	866189	Action: 6/11/24			Status: Posted				
		Created: 6/10/24	8:14		By: NI NETTE				
Route: IO		L# 0001: 6/11/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 6/10/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		3.75	64.110	48.08
		L# 0003: 6/10/24			# 1				
	866189	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 411.68							
	869726	Action: 7/12/24			Status: Cmpl - Pri				
		Created: 7/09/24	15:26		By: NI NETTE				
Route: IO		L# 0001: 7/12/24			20 CY DI SPOSAL E & L CANCEL				
	869726	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: .00							
	870033	Action: 7/15/24			Status: Posted				
		Created: 7/11/24	14:03		By: NI NETTE				
Route: IO		L# 0001: 7/15/24	20	TR	20 CY DI SPOSAL E & L		1.00		363.60
		L# 0002: 7/11/24	20	TS	20 CY DI SPOSAL TIP OVR 3T		6.93	64.110	251.95
		L# 0003: 7/11/24			# 2				
	870033	20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT							
		Wbrk Order Total: 615.55							
	870963	Action: 7/26/24			Status: Cmpl - Pri				
		Created: 7/22/24	8:03		By: NI NETTE				
Route: IO		L# 0001: 7/26/24			20 CY DI SPOSAL E & L CUST CAN				

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Work Order List

1/07/25 Page: 3
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
CPV SENTI NAL	15775 MELI SSA LN				NORTH PS COUNTY				
	870963				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Wbrk Order Total: .00
Route: IO	871888	Action: 8/01/24 Created: 7/30/24 L# 0001: 8/01/24 L# 0002: 7/30/24 L# 0003: 7/30/24	8:35 20 20		Status: Posted By: NI NETTE TR 20 CY DI SPOSAL E & L TS 20 CY DI SPOSAL TIP OVR 3T 1		1.00 5.82		363.60 180.79
	871888				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Wbrk Order Total: 544.39
Route: IO	871889	Action: 8/01/24 Created: 7/30/24 L# 0001: 8/01/24 L# 0002: 7/30/24 L# 0003: 7/30/24	8:35 20 20		Status: Posted By: NI NETTE TR 20 CY DI SPOSAL E & L TS 20 CY DI SPOSAL TIP OVR 3T 2		1.00 9.34		363.60 406.46
	871889				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Wbrk Order Total: 770.06
Route: IO	871921	Action: 8/01/24 Created: 7/30/24 L# 0001: 8/01/24 L# 0002: 7/30/24 L# 0003: 7/30/24	9:39 20 20		Status: Posted By: NI NETTE TR 20 CY DI SPOSAL E & L TS 20 CY DI SPOSAL TIP OVR 3T 3		1.00 6.54		363.60 226.95
	871921				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Wbrk Order Total: 590.55
Route: IO	873811	Action: 8/19/24 Created: 8/15/24 L# 0001: 8/19/24 L# 0002: 8/19/24 L# 0003: 8/20/24	13:30 20 20		Status: Posted By: AMRAN TR 20 CY DI SPOSAL E & L TS 20 CY DI SPOSAL TIP OVR 3T 1		1.00 8.22		363.60 334.65
	873811				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Wbrk Order Total: 698.25
									Customer Total: 6,766.68

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Work Order List

1/07/25 Page: 4
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
-------------------	--------	------	----	----	-------------	------	-----	------	-------

Company Total: 6,766.68

Report Total:	Work Order Count:	15	85.49	6,766.68
---------------	-------------------	----	-------	----------

CPV Sentinel LLC - EPA No: CAR000218123						P = .0005, G= .00417, T=1.0				Year 2024	
Audit Period	Manifest Count	Date Waste Shipped	Manifest Number	Waste Code	Quantity	Measurement Type	Conversion Factor	Hazardous Tonnage	Final Signed Copy Received	Date Manifest Sent to DTSC	Monthly Tonnage
2024	1	1/25/2024	008995488 SKS	221	250	G	0.00417	n/a	n/a	n/a	1.0425
2024	2	2/12/2024	18875708	352/512	1590	P	0.0005	0.7950	03/11/24	03/11/24	0.7950
2024	3	3/18/2024	18876021	352	650	P	0.0005	0.3250	04/02/24	04/02/24	
2024	4	3/18/2024	18876022	352	800	P	0.0005	0.4000	04/16/24	04/16/24	0.7250
2024	5	4/8/2024	009069394 SKS	221	210	G	0.00417	n/a	n/a	n/a	0.8757
2024	6	7/22/2024	009368611 SKS	221	175	G	0.00417	n/a	n/a	n/a	0.7298
2024	7	8/26/2024	018311618 FLE	352	375	P	0.0005	0.1875	09/30/24	09/30/24	
2024	8	8/26/2024	018311619 FLE	141	60	P	0.0005	0.0300	09/30/24	09/30/24	
2024	8	8/26/2024	018311619 FLE	352	640	P	0.0005	0.3200	09/30/24	09/30/24	0.5375
2024	9	9/23/2024	018099060 FLE	352	3340	P	0.0005	1.6700	10/10/24	10/14/24	1.6700
2024	10	11/7/2024	008558617 SKS	221	230	G	0.00417	n/a	n/a	n/a	0.9591
2024	11	12/23/2024	019786916 FLE	352	300	P	0.0005	0.1500			
2024	12	12/23/2024	019786917 FLE	181	10	P	0.0005	0.0050			
2024	12	12/23/2024	019786917 FLE	352	1000	P	0.0005	0.5000			
2024	12	12/23/2024	019786917 FLE	352	10	P	0.0005	0.0050			0.6600
2024							TOTAL	4.3875			
NON-RCRA & NON-HAZARDOUS MANIFESTS											
Audit Period	Manifest Count	Date Shipped	Reference Number	Waste Code	Quantity	Measurement Type	Conversion Factor	Load Total-Tons	Monthly Total	Description	
2024	1	1/23/2024	2669238	TT	2800	G	0.00417	11.6760		Brine water	
2024	2	1/25/2024	008995488 SKS	221	250	G	0.00417	1.0425	12.72	Recycled Used Oil "Milk Run" Applies to Monthly Tonnage	
2024	3	3/12/2024	5S53099T-1U02827V	D002/008	50	P	0.0005	0.0250		Battery Recycle Universal Waste	
2024	4	3/12/2024	4K53091L-2M03196N	D002/008	50	P	0.0005	0.0250		Battery Recycle Universal Waste	
2024	5	3/12/2024	6C53095D-8E03695F	D002/008	50	P	0.0005	0.0250	0.08	Battery Recycle Universal Waste	
2024	6	4/8/2024	009069394 SKS	221	210	G	0.00417	0.8757		Recycled Used Oil "Milk Run" Applies to Monthly Tonnage	
2024	7	4/8/2024	13243927	TL	19200	P	0.0005	9.6000		Recycled CO Catalyst	
2024	8	4/9/2024	13243926	TL	19200	P	0.0005	9.6000		Recycled CO Catalyst	
2024	9	4/9/2024	13243931	TL	18000	P	0.0005	9.0000	29.08	Recycled CO Catalyst	
2024	10	6/14/2024	14932	TT	4750	G	0.00417	19.8075		Brine water	
2024	11	6/15/2024	14933	TT	4750	G	0.00417	19.8075		Brine water	
2024	12	6/15/2024	14934	TT	4750	G	0.00417	19.8075		Brine water	
2024	13	6/17/2024	14935	TT	4750	G	0.00417	19.8075		Brine water	
2024	14	6/17/2024	14936	TT	4750	G	0.00417	19.8075	99.04	Brine water	
2024	15	6/27/2024	7Q52934R-5S11849T	DF	50	P	0.0005	0.0250	0.03	Universal Waste-Fluor. Bulbs	
2024	16	7/22/2024	009368611 SKS	221	175	G	0.00417	0.7298	0.73	Recycled Used Oil "Milk Run" Applies to Monthly Tonnage	
2024	17	8/26/2024	1744334	DF	125	P	0.0005	0.0625	0.06	Universal Waste-aerosols	
2024	18	9/20/2024	756948	TT	1000	G	0.00417	4.1700	4.17	Non Hazardous Liquid Waste (OWS Pump out)	
2024	19	11/7/2024	008558617 SKS	221	230	G	0.00417	0.9591	0.96	Recycled Used Oil "Milk Run" Applies to Monthly Tonnage	
2024	Jan 1-Dec 31	TID Non-Hazardous Total Disposal						54.13	146.85		
					* 143.2460		** 0.1625				
Note:			*Total Non Hazardous waste not including recycled oil					**Total Universal waste			

Safety-Kleen Systems, Inc.
42 Longwater Drive
Norwell, MA 02061
CORPORATE: 800-669-5740
24 HR EMERGENCY: 800-468-1760 (Safety-Kleen)
9098628300

TOMER#

CP10290 Sentinel Energy Center, LLC
15775 Melissa Lane
North Palm Springs CA 92258-0000
PHONE 760-288-7900

REFERENCE NBR.
93690437 - 2400351469
SRVC WEEK: 2024-4
SRVC DATE: 01-25-2024

L TO CUSTOMER#

0290

BILL TO ADDRESS:
Sentinel Energy Center, LLC
15775 Melissa Lane
North Palm Springs CA 92258-0000
PHONE 760-288-7900

CHASE ORDER#		TAX EXEMPT#	
PRODUCT/SERVICES			
QUANTITY	UNIT PRICE	TAX	TOTAL CHARGE
1.0	145.00	0.00	145.0
FEE, OIL SERVICE/STOP NON-PREQUAL CRANK			
16	250.0	0.00	0.00
USED OIL RECYCLE AUTOMOTIVE OIL			
SERVICE TERM 16 WEEK			
HALOGEN/ CLOR-D-TECT TEST: PASS:PPM < 1000			
TOTAL SERVICE/PRODUCTS		145.00	0.00
TOTAL CHARGE			145.00
CREDITS			0.00
TOTAL DUE			145.00

UNPAID BALANCE THIS RECEIPT 145.0

High risk source, rep. certifies that load specific PCB & Silicon
analysis have been completed prior to pumping this load.

GENERATOR STATUS CESQG: Vehicle

Generator certifies that all the above-named materials are properly classified, packaged, labeled, and marked in accordance with applicable international and national governmental regulations.

16. International Shipments

☐ Import to U.S.

☐ 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

Transporter 2 Printed/Typed Name

Signature

Month

Day

Year

18. Discrepancy

18a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

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. H039

2. H141

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

3. Emergency Response Phone

1-800-468-1760

4. Manifest Tracking Number

008995488 SKS

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

U.S. EPA ID Number

TXR000081205

U.S. EPA ID Number

U.S. EPA ID Number

COMPANY, INC.

CA 90023

CAD099452708

10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
No.	Type					
1	TT		G	221		
1	TT		G	133		

H16

CSG:

retained by generator confers agency authority;

Additional transporters on generator's behalf.

are not fully and accurately described above by the proper shipping name, and are classified, packaged, labeled, and marked in accordance with applicable international and national governmental regulations. If export shipment and I am the Primary Generator or (b) (if I am a small quantity generator) is true.

Signature

Month

Day

Year

11

12

5

24



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

2663238

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number		b. Manifest Document Number		c. Page 1 of		
d. Generator's Name and Location:			e. Generator's Mailing Address:			
f. Phone:			g. Phone:			
If owner of the generating facility differs from the generator, provide:			i. Owner's Phone No.:			
h. Owner's Name:						
j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
					2800	
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.						
p. Generator Authorized Agent Name (Print)		q. Signature		r. Date		

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:		
b. Phone:		
c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
b.		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		
e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. <input type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input type="checkbox"/> Both % Friable % Non-Friable			
OPERATOR'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.			
g. Operator's Name and Title (Print)		i. Date	
h. Signature			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			



Sales Order

Po Box 3566
Rancho Cucamonga CA 91729

#HM2401409

Generator Name
David Wells
Sentinel Energy Center
15775 Melissa Ln
N. Palm Springs CA 92258

EPA ID Number
CAR000218123

Unit #
Driver
Tech

Appt Date: 1/23/2024
Site Time: 7 am

45/45
Lorena

Issues/Changes- David Johnson
Call (909) 493-9290

Terms
Net 30

PO #
EST # 17973

Sales Rep
David Johnson

Site Contact
David Wells -
760-288-7904

Site Phone
(760) 288-7900

Qty	Act	Description
		Job Scope: Vacuum out the brine pit. Transfer and disposal at Copper Mountain AZ
8		Large Vacuum Straight Time (per hour)
4		Large Vacuum Overtime (per hour)
4		Large Vacuum Double Time (per hour)
		Variable Operational Surcharge-Update (Insurance & Fuel)
13		DISPOSAL. Estimated at 4 tons. 3000 gallons with 24% solids
1		WASHOUT per tanker. Washout to be done in AZ at Copper Mountain Disposal
1		PPE - Level D (each) Safety hat, goggles, gloves, steel toe boots
1		Manifest Fee # 2669238

Timeline (Military Time)		
Pre-Trip	0330	
Onsite		
Leave site	0718	
Unload start		
Unload end		
Post Trip		

Customer Signature

David Wells 01/23/2024

Print Name / Date

Driver Signature

Lorena Velasquez 01/23/2024

Driver Print Name / Date

*Payment is due based on the approved account terms
from the date of service, not the date of receipt.*

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000218123	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 018875708		FLE					
5. Generator's Name and Mailing Address Sentinel Energy Center, LLC PO Box 1328 Desert Hot Springs, CA 92240 Generator's Phone: (760) 288-7904 ATTN: David Wells					Generator's Site Address (if different than mailing address) 15775 Melissa Lane North Palm Springs, CA 92258							
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.					U.S. EPA ID Number MAD039322250							
7. Transporter 2 Company Name					U.S. EPA ID Number							
8. Designated Facility Name and Site Address Clean Harbors Wilmington LLC 1737 East Denni Street Wilmington, CA 90744 Facility's Phone: (310) 835-9998					U.S. EPA ID Number CAD044429835							
GENERATOR	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. NON-RCRA HAZARDOUS WASTE, SOLIDS, (OIL CONTAMINATED SOLIDS)		07 DM		1540	P	352				
		2. NON-RCRA HAZARDOUS WASTE, SOLIDS, (EMPTY DRUMS)		01 DM		50	P	512				
		3.										
		4.										
14. Special Handling instructions and Additional Information 1. CB657606 7X 55 2. CB662068 1X 55 TRUCK #SR58897.												
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.												
TRANSPORTER	Generator's/Offeror's Printed/Typed Name MARLON WILSON			Signature <i>Marlon Wilson</i>		Month Day Year 2 12 24						
	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 LEUNG WO			Signature <i>Leung Wo</i>		Month Day Year 02 12 24						
	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 Manifest Reference Number:											
DESIGNATED FACILITY	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. H141			2. H141		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 Esmeralda Orduno									Signature <i>Esmeralda Orduno</i>		Month Day Year 2 14 24	

⚠ OPEN TO REVEAL ⚠

PREPAID RETURN SHIPPING LABEL

⚠ PROOF OF PURCHASE ⚠

RETAIN THIS PAGE FOR YOUR RECORDS

PROOF OF PURCHASE

UNIQUE CONTAINER CODE:

TRACKING NUMBER:

5S53099T-1U02827V

691191706382401

Zeros will be shown above with a line through it, i.e (0)

UNIQUE CONTAINER CODE:

Retain this proof of purchase for your records. The number listed above is specific to this container and also appears on your container. DO NOT REMOVE the "Unique Container Code" from the container. If the "Unique Container Code" is removed, a certificate of recycling will not be issued for this container.

TRACKING NUMBER:

Your FedEx Ground return tracking number is shown above. This number should be used when tracking your package on www.fedex.com

CERTIFICATE OF RECYCLING

Upon receipt of this container by Veolia, you can generate a certificate of recycling by visiting <http://myrecyclepak.com> and clicking "Certificate of Recycling." Questions regarding your container or certificate should be directed to 1-888-669-9725. Your unique container code above and/or your FedEx Ground Tracking number will be required at time of calling.

UNIQUE CONTAINER CODE:

TRACKING NUMBER:

4K53091L-2M03196N

691191706382777

Zeros will be shown above with a line through it, i.e (0)

UNIQUE CONTAINER CODE:

Retain this proof of purchase for your records. The number listed above is specific to this container and also appears on your container. DO NOT REMOVE the "Unique Container Code" from the container. If the "Unique Container Code" is removed, a certificate of recycling will not be issued for this container.

TRACKING NUMBER:

Your FedEx Ground return tracking number is shown above. This number should be used when tracking your package on www.fedex.com

CERTIFICATE OF RECYCLING

Upon receipt of this container by Veolia, you can generate a certificate of recycling by visiting <http://myrecyclepak.com> and clicking "Certificate of Recycling." Questions regarding your container or certificate should be directed to 1-888-669-9725. Your unique container code above and/or your FedEx Ground Tracking number will be required at time of calling.

UNIQUE CONTAINER CODE:

TRACKING NUMBER:

6C53095D-8E03695F

691191706383279

Zeros will be shown above with a line through it, i.e (0)

UNIQUE CONTAINER CODE:


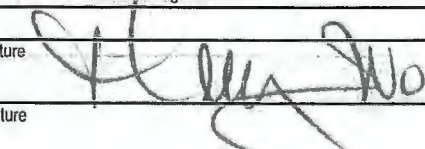
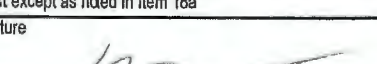
Retain this proof of purchase for your records. The number listed above is specific to this container and also appears on your container. DO NOT REMOVE the "Unique Container Code" from the container. If the "Unique Container Code" is removed, a certificate of recycling will not be issued for this container.

TRACKING NUMBER:

Your FedEx Ground return tracking number is shown above. This number should be used when tracking your package on www.fedex.com

CERTIFICATE OF RECYCLING

Upon receipt of this container by Veolia, you can generate a certificate of recycling by visiting <http://myrecyclepak.com> and clicking "Certificate of Recycling." Questions regarding your container or certificate should be directed to 1-888-669-9725. Your unique container code above and/or your FedEx Ground Tracking number will be required at time of calling.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000218123	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 018876021 FLE		
5. Generator's Name and Mailing Address Central Energy Center, LLC PO Box 1328 Desert Hot Springs, CA 92240			Generator's Site Address (if different than mailing address) 15775 Melissa Lane North Palm Springs, CA 92258				
Generator's Phone: (760) 288-7904 ATTN: David Wells							
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.			U.S. EPA ID Number MAD039322250				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Thermo Fluids, Inc. 4301 West Jefferson Street Phoenix, AZ 85043			U.S. EPA ID Number AZR000003681				
Facility's Phone: (800) 350-7565							
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. NON-RCRA HAZARDOUS WASTE, SOLIDS, (OIL FILTERS)	01	CF	650 P		352	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. CHLORIDE KFBIN TRUCK # SR58897 Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generators behalf for purposes of transportation efficiency, convenience, or safety.							
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 DAVID WELLS		Signature 		Month Day Year 3 18 24			
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 TELESO		Signature 		Month Day Year 03 18 24			
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							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H039		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name Chris Muls		Signature 		Month Day Year 03 28 24			

page has occurred either in the characterization or in the process generating the material.

Form Approved. OMB No. 2050-0039

3	2. Page 1 of 1	3. Emergency Response Phone (800) 483-2718	4. Manifest Tracking Number 018876022 FLE
---	----------------	---	--

Generator's Site Address (If different than mailing address): 15775 Melissa Lane North Palm Springs, CA 92260

U.S. EPA ID Number WAD039322250

U.S. EPA ID Number

U.S. EPA ID Number CAD044429835

Hazard Class, ID Number	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes		
	No.	Type					
HAZ. OIL 2U	04	DM	800	P	352		

TRUCK # 3R56397

additional transporters on generator's behalf for purposes of transportation efficiency, convenience, or safety.

that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary

of the terms of the attached EPA Acknowledgment of Consent.
R 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Signature:	Month: 13	Day: 18	Year: 24
------------	-----------	---------	----------

<input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
---	---

Signature:	Month: 03	Day: 10	Year: 24
Signature:	Month:	Day:	Year:

<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection
-------------------------------	----------------------------------	--	---



Bill of Lading – Not Negotiable

Ship From	Date: 4/9/2024	Bill of Lading Number:
Name: SENTINEL ENERGY CENTER Address: 15775 MELISSA LANE City/State/Zip: NORTH PALM SPRINGS, CA 92258 Phone: Email:		Bar Code Space
Ship To	Date: 4/12/2024	Carrier Name: RITCHEY METALS CO INC
Name: HENSEL RECYCLING Address: 1003 INDUSTRIAL DRIVE City/State/Zip: WEST BERLIN, NJ 08091 Phone: Email:		Trailer number: 421789 Load Number: 13243927 PU# CAT-COM-047-CO39496/16 pallets € Master bill of lading with attached underlying bills of lading.
Third Party Freight Charges Bill and Pay to:		Pro Number:
SUNTECK TRANSPORT CO., LLC 14785 PRESTON RD, SUITE 850 DALLAS, TX 75254		Bar Code Space

[illegible]

The parties agree that Broker's charges to its customers and payments made to its carriers are confidential and need not be disclosed. The parties each waive any rights it may have under 49 CFR §371.3 or any related or successor law or regulation.

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and third-party.



Bill of Lading – Not Negotiable

Ship From	Date: 4/9/2024	Bill of Lading Number:
Name: SENTINEL ENERGY CENTER Address: 15775 MELISSA LANE City/State/Zip: NORTH PALM SPRINGS, CA 92258 Phone: Email:		Bar Code Space
Ship To	Date: 4/12/2024	Carrier Name: GSM HOLDING INC
Name: HENSEL RECYCLING Address: 1003 INDUSTRIAL DRIVE City/State/Zip: WEST BERLIN, NJ 08091 Phone: Email:		Trailer number: 0190 Load Number: 13243931 PU# CATCOM-047-CO39496/ 15 pallets e Master bill of lading with attached underlying bills of lading.
Third Party Freight Charges Bill and Pay to:		Pro Number:
SUNTECK TRANSPORT CO., LLC 14785 PRESTON RD, SUITE 850 DALLAS, TX 75254		Bar Code Space

[illegible]

The parties agree that Broker's charges to its customers and payments made to its carriers are confidential and need not be disclosed. The parties each waive any rights it may have under 49 CFR §371.3 or any related or successor law or regulation.

x K. Maglake 4.9.24.

Carrier Signature/Pickup Date

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and third-party.

[Signature] 4.9.24



Bill of Lading – Not Negotiable

Ship From		Date: 4/9/2024	Bill of Lading Number:
Name: SENTINEL ENERGY CENTER Address: 15775 MELISSA LANE City/State/Zip: NORTH PALM SPRINGS, CA 92258 Phone: Email:		Bar Code Space	
Ship To		Date: 4/12/2024	Carrier Name: RADHOO INC Trailer number: 594143 Load Number: 13243926 PU# 16 crates-CATCOM-047-CO39496 e Master bill of lading with attached underlying bills of lading.
Third Party Freight Charges Bill and Pay to:		Pro Number:	
SUNTECK TRANSPORT CO., LLC 14785 PRESTON RD, SUITE 850 DALLAS, TX 75254		Bar Code Space	

[illegible]

The parties agree that Broker's charges to its customers and payments made to its carriers are confidential and need not be disclosed. The parties each waive any rights it may have under 49 CFR §371.3 or any related or successor law or regulation.

Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and third-party.

X *[Signature]* 4.9.24



009069394 SKS
Form Approved, OMB No. 2050-0039

CSG SK - P73 - UMO - 01 Angon, Manual

04 - 08 - 2024 13:06 PAGE 1

Safety - Kleen Systems, Inc.
42 Longwater Drive
Norwell, MA 02061
CORPORATE: 800 - 669 - 5740
24 HR EMERGENCY: 800 - 468 - 1760 (Safety - Kleen)
9098628300

CUSTOMER# CP10290 Sentinel Energy Center, LLC
15775 Melissa Lane
North Palm Springs CA 92258 - 0000
PHONE 760 - 288 - 7900

REFERENCE NBR.
94273624 - 2401852941
SRVC WEEK: 2024 - 15
SRVC DATE: 04 - 08 - 2024

BILL TO CUSTOMER#
CP10290

BILL TO ADDRESS:
Sentinel Energy Center, LLC
15775 Melissa Lane
North Palm Springs CA 92258 - 0000
PHONE 760 - 288 - 7900

PURCHASE ORDER#

SERVICES/
PRODUCT
10256

FEE, OIL
SERVICE/STOP
NON - PREQUAL
CRANK

QTY	UNIT PRICE	TAX	TOTAL CHARGE
1.0	145.00	0.00	145.00

66636

SERVICE TERM 18 WEEK

USED OIL
RECYCLE
AUTOMOTIVE OIL

210.0	0.00	0.00	0.00
-------	------	------	------

SERVICE TERM 18 WEEK

HALOGEN/ CLOR - D - TEST TEST: PASS:PPM < 1000

TOTAL SERVICE/PRODUCTS

145.00	0.00	145.00
--------	------	--------

TOTAL CHARGE 145.00
CREDITS 0.00

TOTAL DUE 145.00

RECEIPT ONLY - THIS IS NOT AN INVOICE

UNPAID BALANCE THIS RECEIPT 145.0

If high risk source, rep. certifies that load specific PCB & Silicon

Transporter 2 Printed/Typed Name

Signature

Signature

Month Day Year

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

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

1. H141

2. H141

3. H141

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

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number CA2000218123	2. Page 1 of 1	3. Emergency Response Phone 8004833718	4. Waste Tracking Number 014933	
5. Generator's Name and Mailing Address Sentinel Energy Center			Generator's Site Address (if different than mailing address) 15775 Melissa Ln North Palm Springs ca, 92288			
Generator's Phone:						
6. Transporter 1 Company Name Ancun Marine			U.S. EPA ID Number CAL-008361400			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Kpure water works 8910 Rochester Ave, Rancho Cucamonga CA 91230			U.S. EPA ID Number			
Facility's Phone:						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. non haz waste liquid (brine water) 1		1	TT	4750	G	4750
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Rubber Gloves / eye protection						
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 governmental regulations.						
Generator's/Offor's Printed/Typed Name Matthew Wong			Signature <i>[Signature]</i>		Month 6	Day 15
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 Johnny Rodriguez			Signature <i>[Signature]</i>		Month 6	Day 15
Transporter 2 Printed/Typed Name			Signature		Month	Day
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
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

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number CA2000218123		2. Page 1 of 1		3. Emergency Response Phone 800 483 3715		4. Waste Tracking Number 014934	
		5. Generator's Name and Mailing Address Sentinel Energy Center		Generator's Site Address (if different than mailing address) 15775 Melissa Ln North Palm Springs CA 92240					
Generator's Phone:		6. Transporter 1 Company Name Amion Marine		U.S. EPA ID Number CA1-000361400					
		7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address pure water works 8910 Rochester Ave, Rancho Cucamonga CA 91730		U.S. EPA ID Number							
Facility's Phone:									
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.				
		No.	Type						
1. non haz waste water (brine water)		1	tr	4750	g	4750			
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information Robber gloves / eye protection PF# 69244									
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 governmental regulations.									
Generator's/Offor's Printed/Typed Name Matthew Wang		Signature <i>[Signature]</i>		Month 6		Day 15		Year 24	
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 Johnny Rodriguez		Signature <i>[Signature]</i>		Month 6		Day 15		Year 24	
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		Signature		Month		Day		Year	

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number CA2000216123	2. Page 1 of 1	3. Emergency Response Phone 800 465 3718	4. Waste Tracking Number 014935			
5. Generator's Name and Mailing Address Sentinel Energy Center			Generator's Site Address (if different than mailing address) 15775 Melissa Ln N. Palm Springs CA 92258					
Generator's Phone:								
6. Transporter 1 Company Name Ancen Marine			U.S. EPA ID Number CA6-000361400					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address Kpure water works 8910 Rochester ave. Rancho Cucamonga CA 91730			U.S. EPA ID Number					
Facility's Phone: 909 474 2408								
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
			No.	Type				
1. Non haz waste liquid (brine water)			1	4x	4750	G	4750	
2.								
3.								
4.								
13. Special Handling Instructions and Additional Information rubber gloves / eye protection Profile # 69244NC								
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 governmental regulations.								
Generator's/Offor's Printed/Typed Name Zachary Spink			Signature 			Month 6	Day 17	Year 24
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 Johanny Rodriguez			Signature 			Month 6	Day 17	Year 24
Transporter 2 Printed/Typed Name			Signature			Month	Day	Year
17. Discrepancy								
17a. Discrepancy Indication Spots <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number								
Facility's Phone:								
17c. Signature of Alternate Facility (or Generator) Month Day Year								
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
Printed/Typed Name			Signature			Month	Day	Year

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number	
		CAR000218123		1		800 483 3118		014932	
5. Generator's Name and Mailing Address SENTINEL ENERGY CENTER 15775 MELISSA LN. N. PALM SPRINGS, CA 92258		Generator's Site Address (if different than mailing address) " " 15775 Melissa Ln North Palm Springs, CA, 92258							
		Generator's Phone: 							
6. Transporter 1 Company Name Ancon Marine		U.S. EPA ID Number CAL-000361400							
		7. Transporter 2 Company Name U.S. EPA ID Number							
8. Designated Facility Name and Site Address KPURE WATERWORKS 8910 Rochester Ave, Rancho Cucamonga CA 91730 Facility's Phone: 909 476 2408		U.S. EPA ID Number							
9. Waste Shipping Name and Description 1. PROFILE # 69244NC NON-HAZ WASTE LIQUID (BRINE WATER)		10. Containers		11. Total Quantity		12. Unit WL/Vol.			
		No.	Type						
2. 3. 4.		1	TT	4,750 G		4,750			
13. Special Handling Instructions and Additional Information Rubber gloves / eye protection									
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 governmental regulations.									
Generator's/Offoror's Printed/Typed Name DAVID WELLS					Signature 			Month Day Year 06 14 24	
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 Signature Month Day Year Johnny Rodriguez  06 14 24 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 Signature Month Day Year									

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number
CAR000218123

2. Page 1 of
1

3. Emergency Response Phone
800483718

4. Waste Tracking Number
014936

5. Generator's Name and Mailing Address
Sentinel Energy Center

Generator's Site Address (If different than mailing address)
15775 Melissa Ln
North palm springs CA 92258

Generator's Phone:

6. Transporter 1 Company Name
Ancon Marine

U.S. EPA ID Number
Cal-000361400

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Kipure water works
8910 Rochester Ave, rancho Cucamonga CA, 91730

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description
Non haz waste water (brine water)

10. Containers
No. Type
1 H

11. Total
Quantity
4750

12. Unit
Wt./Vol.
G

4750

13. Special Handling Instructions and Additional Information
rubber gloves / eye protection
PF# 69244

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 governmental regulations.

Generator's/Offor's Printed/Typed Name
DAVID WELLS

Signature

Month Day Year
6 17 24

15. International Shipments
☐ Import to U.S.
☐ Export from U.S.

Port of entry/exit:
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Johnny Rodriguez

Signature

Month Day Year
6 17 24

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

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

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

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

Printed/Typed Name

Signature

Month Day Year

Shipping Label

Apply appropriate label below to FedEx Ground label to the right.

Step #1- Remove the peel and stick label that represents the state in which you are returning this container FROM. Refer to the map to the right for guidance. If you have questions, please call toll-free 888-669-9725, Mon through Fri 8 a.m. to 5 p.m. CST.

IF YOU SHIP YOUR RECYCLEPAK® CONTAINER TO AN UNAUTHORIZED ZONE, YOU WILL NOT RECEIVE YOUR COMPLIANCE DOCUMENTATION AND BE SUBJECTED TO ADDITIONAL HANDLING CHARGES.

Step #2- Complete the "From" section on the label.

Step #3- Detach card from label and affix label if not applied to container.

Step #4- Call FedEx Ground at CALL 1-800-GO FEDEX TO SCHEDULE A PICKUP. SAY PRP WHEN PROMPTED BY THE AUTO ATTENDANT



ZONE 1
VEOLIA ES TECHNICAL SOLUTIONS, LLC
90 PLEASANT STREET
WEST BRIDGEWATER, MA
02379

ZONE 3
VEOLIA ES TECHNICAL SOLUTIONS, LLC
1275 MINERAL SPRINGS DRIVE
PORT WASHINGTON, WI
53074

ZONE 2
VEOLIA ES TECHNICAL SOLUTIONS, LLC
342 MARPAN LANE
TALLAHASSEE, FL
32305



Use the map above to identify the appropriate color coded return label and apply to FedEx Ground Label in space marked "Apply Color Coded Label Here."



! OPEN TO REVEAL !

PREPAID RETURN SHIPPING LABEL

! PROOF OF PURCHASE !

RETAIN THIS PAGE FOR YOUR RECORDS

PROOF OF PURCHASE

UNIQUE CONTAINER CODE:

7Q52934R-5S11849T

TRACKING NUMBER:

691191705038552

Zeros will be shown above with a line through it, i.e. (0)

UNIQUE CONTAINER CODE:

Retain this proof of purchase for your records. The number listed above is specific to this container and also appears on your container. DO NOT REMOVE the "Unique Container Code" from the container. If the "Unique Container Code" is removed, a certificate of recycling will not be issued for this container.

TRACKING NUMBER:

Your FedEx Ground return tracking number is shown above. This number should be used when tracking your package on www.fedex.com

CERTIFICATE OF RECYCLING

Upon receipt of this container by Veolia, you can generate a certificate of recycling by visiting <http://myrecyclepak.com> and clicking "Certificate of Recycling." Questions regarding your container or certificate should be directed to 1-888-669-9725. Your unique container code above and/or your FedEx Ground Tracking number will be required at time of calling.

Safety - Kleen Systems, Inc.

42 Longwater Drive

Norwell, MA 02061

CORPORATE: 800-868-6740

24 HR EMERGENCY: 800-468-1760 (Safety - Kleen)

9096628300

CUSTOMER# CP10290 Sentinel Energy Center, LLC
16775 Melissa Lane
North Palm Springs CA 92258-0000
PHONE 760-288-7900

REFERENCE NBR.
94878529 - 2403411536
SRVC WEEK: 2024 - 30
SRVC DATE: 07-22-2024

BILL TO CUSTOMER#
CP10290

BILL TO ADDRESS:
Sentinel Energy Center, LLC
16775 Melissa Lane
North Palm Springs CA 92258-0000
PHONE 760-288-7900

PURCHASE ORDER#

PRODUCT/SERVICES

TAX EXEMPT#

SERVICES/ PRODUCT	QTY	UNIT PRICE	TAX	TOTAL CHARGE
10256 FEE, OIL SERVICE/STOP NON - PREQUAL CRANKC	1.0	145.00	0.00	145.00
68836 SERVICE TERM 16 WEEK USED OIL RECYCLE AUTOMOTIVE OIL SERVICE TERM 16 WEEK HALOGEN/ CLOR - D - TECT TEST: PASS:PPM < 1000	175.0	0.00	0.00	0.00

TOTAL SERVICE/PRODUCTS

145.00 0.00 145.00

TOTAL CHARGE 145.00
CREDITS 0.00

TOTAL DUE 145.00

RECEIPT ONLY - THIS IS NOT AN INVOICE

TRANSPORTER IN	Transporter signature (for exports only):		Signature _____ Month _____ Day _____ Year _____				
	17. Transporter Acknowledgment of Receipt of Materials		Signature _____ Month _____ Day _____ Year _____				
DESIGNATED FACILITY	Transporter 1 Printed/Typed Name MANUEL ANTON		Signature _____ Month _____ Day _____ Year _____				
	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						
	Manifest Reference Number: _____ U.S. EPA ID 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. H141		2. H141		3. H141		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 _____			



009368611SKS

Form Approved. OMB No. 2050-0039

3. Emergency Response Phone 1-800-468-1760	4. Manifest Tracking Number 009368611 SKS		
Generator's Site Address (if different than mailing address)			
U.S. EPA ID Number TXR000081205			
U.S. EPA ID Number			
U.S. EPA ID Number			
COMPANY, INC. CA 90023			
CAD099452708			
10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1 TT		G	221
1 TT		G	221
1 TT		G	133

HIG

CSG:

retained by generator confers agency authority
additional transporters on generator's behalf.
ment are fully and accurately described above by the proper shipping name, and are classified, packaged,
o applicable international and national governmental regulations. If export shipment and I am the Primary
acknowledgment of Consent.
ity generator) or (b) (if I am a small quantity generator) is true.

Signature

Month Day Year

t from U.S.

Port of entry/exit:

Date leaving U.S.:

Signature

Month Day Year

Signature

Month Day Year

Site Address : 15775 Melissa Lane
North Palm Springs, CA 92258

SC PPW 5/1/2024

WORK ORDER NO. 2404294232

DOCUMENT NO. 1744334

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # 83082

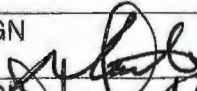
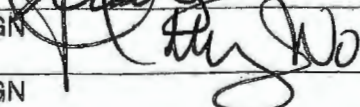
EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 VEHICLE ID #

EPA ID # TRANS. 2 PHONE

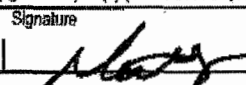
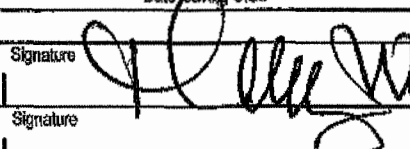
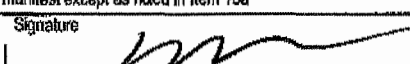
DESIGNATED FACILITY Clean Harbors Wilmington LLC			SHIPPER ATTN: David Wells Sentinel Energy Center, LLC		
FACILITY EPA ID # CAD044429835			SHIPPER EPA ID # CAR000218123		
ADDRESS 1737 East Denni Street			ADDRESS PO Box 1328		
CITY Wilmington		STATE CA	ZIP 90744	CITY Desert Hot Springs	
STATE CA		ZIP 92240			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
01X55	DF	X	A. UN1950, AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY), 2.1, UNIVERSAL WASTE- AEROSOLS	125	P
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.CH1585028ERG#126					
EMERGENCY PHONE #: (800) 493-3718 GENERATOR: Sentinel Energy Center, LLC					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Matthew Wong	SIGN 	DATE 8/24/20
TRANSPORTER 1	PRINT TELESO LEUNG WO	SIGN 	DATE 08.26.24
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT	SIGN	DATE

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000218128	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 018311619 FLE				
		5. Generator's Name and Mailing Address Sentinel Energy Center, LLC PO Box 1328 Desert Hot Springs, CA 92240		Generator's Site Address (if different than mailing address) 15775 Melissa Lane North Palm Springs, CA 92258					
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.		U.S. EPA ID Number MAD039322250							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address Clean Harbors Wilmington LLC 1737 East Denny Street Wilmington, CA 90744		U.S. EPA ID Number CAD044429835		Facility's Phone: (310) 835-8888					
GENERATOR	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. NON-RCRA HAZARDOUS WASTE, SOLIDS, (OIL CONTAMINATED SOLIDS)		04 DM		640	P	352	
		2. NON-RCRA HAZARDOUS WASTE, SOLIDS, (SILICON PYROPHOSPHATE)		02 DF		60	P	141 181	
		3.							
		4.							
14. Special Handling Instructions and Additional Information 1. CH657605 4X55 2. CH1586900 2X05 <div style="text-align: right;">Truck # 83082</div>									
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/Offeree's Printed/Typed Name: <u>Matthew Wong</u> Signature: <u>[Signature]</u> Month: <u>8</u> Day: <u>26</u> Year: <u>24</u>									
TRANSPORTER	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: <u>TELESU LEUNG WO</u> Signature: <u>[Signature]</u> Month: <u>08</u> Day: <u>26</u> Year: <u>24</u>								
	Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____								
DESIGNATED FACILITY	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. H141 2. H141 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: <u>Esmeralda Orduña</u> Signature: <u>[Signature]</u> Month: <u>9</u> Day: <u>13</u> Year: <u>24</u>									

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000218123	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 018311618 FLE
5. Generator's Name and Mailing Address Sentinel Energy Center, LLC PO Box 1328 Desert Hot Springs, CA 92240			Generator's Site Address (if different than mailing address) 15775 Melissa Lane North Palm Springs, CA 92256		
6. Generator's Phone: (760) 288-7904 ATTN: David Wells			U.S. EPA ID Number MAD039322250		
7. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Thermo Fluids, Inc. 4301 West Jefferson Street Phoenix, AZ 85043			U.S. EPA ID Number AZR000003681		
Facility's Phone: (800) 350-7565					
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.
	1. NON-RCRA HAZARDOUS WASTE, SOLIDS, (OIL FILTERS)	01	CF	375	P
	2.				
	3.				
	4.				
13. Waste Codes 352					
14. Special Handling Instructions and Additional Information 1. CH1600045 IXFBIN					
TRUCK # 83082					
Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation emergency convenience or safety.					
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 Matthew Wong			Signature 		Month Day Year 8 26 24
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 TELESO LEUNG WO			Signature 		Month Day Year 08 26 24
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					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)					Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H039		2.		3.	
				4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name Chris Muls			Signature 		Month Day Year 09 07 24

Please print or type.

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CA 000312120	2. Page 1 of 1	3. Emergency Response Phone 1-800-933-3007	4. Manifest Tracking Number 018093060 FILE				
5. Generator's Name and Mailing Address SUNBELT ENERGY CENTER (formerly CPU) PO Box 1338 Desert Hot Springs, CA 92240			6. Generator's Site Address (if different than mailing address) SUNBELT ENERGY CENTER (formerly CPU) 15775 Highway 111 Desert Hot Springs, CA 92240						
7. Generator's Phone 951-255-7500			8. U.S. EPA ID Number CA 000312120						
9. Transporter 1 Company Name H&B TRANSPORT			10. U.S. EPA ID Number						
11. Transporter 2 Company Name			12. U.S. EPA ID Number						
13. Designated Facility Name and Site Address H&B TRANSPORT 7650 Hwy 90, Mile Post 128 Phoenix, AZ 85344			14. U.S. EPA ID Number						
15. Facility's Phone 602-850-1250			16. Manifest Reference Number A280005200002						
GENERATOR	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	1 km RCR Hazardous Waste (Liquid and Solid) (H111)	1	CM	3340	P	302		
	2								
	3								
	4								
14. Special Handling Instructions and Additional Information H&B TRANSPORT Waste should be handled as follows: 24 HR Emergency Response: HazMat Telephone: (714) 255-7500									
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, packaged, 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/Officer's Printed/Typed Name			Signature			Month Day Year			
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.			
TRANSPORTER INTL	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name			Signature			Month Day Year		
	Transporter 2 Printed/Typed Name			Signature			Month Day Year		
DESIGNATED FACILITY	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)			Signature			Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1			2			3			
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			

SITE LAPAZ CO LANDFILL -- 26999 HWY 95, MILE POST 128 PARKER, AZ 85344	
CUSTOMER 000737 HAZ MAT TRANS, INC. P.O. BOX 3566 RANCHO CUCAMONGA, CA 91729 Contract:51242413752 Generator:Sentinel Energy Center	

SITE	TICKET #	CELL
66	907756	
WEIGHMASTER		
DATE/TIME IN		DATE/TIME OUT
Dan J.		
VEHICLE	9/23/24 8:04 am	9/23/24 11:10 am
HAZ 84 BRUCE		CONTAINER
REFERENCE		
SENTINEL, BKN, BRYAN		
BILL OF LADING		
18099060		

SCALE IN GROSS WEIGHT	59,300	NET TONS	1.67	INBOUND
SCALE OUT TARE WEIGHT	55,960	NET WEIGHT	3,340	INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
1.67	tn	SW-SLUDGE				
1.00	sea	FEE-HANDLING SERVICE				
1.00		ENVIRONMENTAL FEE 1				
1.00		EPA MANIFEST FEE -				
		SCANNED IMAGE UPLOAD				

Origin:SAN BERNARDINO 100%





Signature 

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____



008558617SKS

Form Approved. OMB No. 2050-0039

CSG SK - P73 - UMO - 01

Angon, Manuel

11-06-2024 11:36

PAGE 1

Safety - Kleen Systems, Inc.

42 Longwater Drive

Norwell, MA 02061

CORPORATE: 800 - 669 - 5740

24 HR EMERGENCY: 800 - 468 - 1760 (Safety - Kleen)

9098628300

REFERENCE NBR.

95722258 - 2405656312

SVC WEEK: 2024 - 45

SVC DATE: 11 - 06 - 2024

CUSTOMER# CP10290 Sentinel Energy Center, LLC

15775 Melissa Lane

North Palm Springs CA 92258 - 0000

PHONE 760 - 288 - 7900

BILL TO CUSTOMER#

CP10290

BILL TO ADDRESS:

Sentinel Energy Center, LLC

15775 Melissa Lane

North Palm Springs CA 92258 - 0000

PHONE 760 - 288 - 7900

PURCHASE ORDER#

TAX EXEMPT#

PRODUCT/SERVICES

SERVICES/ PRODUCT	QTY	UNIT PRICE	TAX	TOTAL CHARGE
10256 FEE, OIL SERVICE/STOP NON - PREQUAL CRANK	1.0	225.00	0.00	225.00
66636 SERVICE TERM 16 WEEK USED OIL RECYCLE AUTOMOTIVE OIL	230.0	0.18	0.00	41.40
SERVICE TERM 16 WEEK HALOGEN/ CLOR - D - TECT TEST: PASS:PPM < 1000				

TOTAL SERVICE/PRODUCTS

225.18 0.00 266.40

TOTAL CHARGE 266.40

CREDITS 0.00

TOTAL DUE 266.40

3. Emergency Response Phone
1-800-468-1760

4. Manifest Tracking Number

008558617 SKS

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

U.S. EPA ID Number

TXR000081205

U.S. EPA ID Number

U.S. EPA ID Number

CL COMPANY, INC.

, CA 90023

CAD099452708

	10. Containers		11. Total Quantity	12. Unit WT/Vol.	13. Waste Codes		
	No.	Type					
	1	TT		G	221		
	1	TT		G	221		
	1	TT		G	133		

H16

CSG:

It retained by generator confers agency authority
additional transporters on generator's behalf.
ment are fully and accurately described above by the proper shipping name, and are classified, packaged,
applicable international and national governmental regulations. If export shipment and I am the Primary
knowledge of Consent.
generator) or (b) (I am a small quantity generator) is true.

Signature

Month Day Year
11 6 24


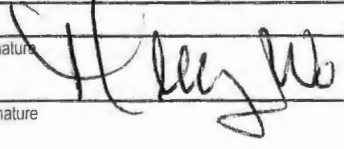
from U.S.


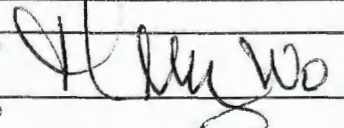
Port of entry/exit:

Date leaving U.S.:

RECEIPT ONLY - THIS IS NOT AN INVOICE

TRANSPORTER II	Transporter signature (for exports only):		Signature		Month Day Year	
	17. Transporter Acknowledgment of Receipt of Materials		Signature		Month Day Year	
DESIGNATED FACILITY	Transporter 1 Printed/Typed Name		Signature		Month Day Year	
	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					
	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. H141 2. H141 3. H141 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		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000218123		2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718		4. Manifest Tracking Number 019786916 FLE		
		5. Generator's Name and Mailing Address Sentinel Energy Center, LLC PO Box 1328 Desert Hot Springs, CA 92240		Generator's Site Address (if different than mailing address) 15775 Melissa Lane North Palm Springs, CA 92258					
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.		U.S. EPA ID Number MAD039322250							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address Thermo Fluids, Inc. 4301 West Jefferson Street Phoenix, AZ 85043		U.S. EPA ID Number AZR000003681							
Facility's Phone: (800) 350-7585									
GENERATOR	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. NON-RCRA HAZARDOUS WASTE, SOLIDS, (OIL FILTERS)			01 CF		300 P		352
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information 1. CR1800045 IX FBIN TRUCK #83082									
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 Ezechary Spinella Signature  Month 12 Day 23 Year 24									
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Date leaving U.S.: _____								
	Transporter signature (for exports only): _____								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name TELESO Signature  Month 12 Day 23 Year 24				Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____				
DESIGNATED FACILITY	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. H039		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name _____				Signature _____ Month _____ Day _____ Year _____					

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000218123		2. Page 1 of 1		3. Emergency Response Phone (800) 483-3718		4. Manifest Tracking Number 019786917 FLE					
	5. Generator's Name and Mailing Address Sentinel Energy Center, LLC PO Box 1328 Desert Hot Springs, CA 92240						Generator's Site Address (if different than mailing address) 15775 Melissa Lane North Palm Springs, CA 92258							
	6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.						U.S. EPA ID Number MAD039322250							
	7. Transporter 2 Company Name						U.S. EPA ID Number							
DESIGNATED FACILITY	8. Designated Facility Name and Site Address Clean Harbors Wilmington LLC 1737 East Denni Street Wilmington, CA 90744						U.S. EPA ID Number CAD044429835							
	Facility's Phone: (210) 935-9999													
	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.		HQ, UN3262, WASTE CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, SODIUM BROMOSULFAMATE), 8, PG III (3002)				01 DF		10		P		D002 181	
2.		NON-RCRA HAZARDOUS WASTE, SOLIDS, (OIL CONTAMINATED SOLIDS)				05 DM		1000		P		352		
3.		NON-RCRA HAZARDOUS WASTE, SOLIDS, (BUFFER POWDER PILLOWS)				01 DF		10		P		352		
4.														
14. Special Handling Instructions and Additional Information 1. CH1738111 ERG#154 1X5 2. CH657606 5X55 3. CH1586906 1X5														
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.														
Generator's/Offeror's Printed/Typed Name Zachary Spinella														
Signature 														
Month Day Year 12 23 24														
TRANSPORTER	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 TELESO LEUNG WO						Signature 						Month Day Year 12 23 24	
	Transporter 2 Printed/Typed Name						Signature						Month Day Year	
DESIGNATED FACILITY	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. H141				2. H141				3. H141				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														

ATTACHMENT 6

ANNUAL POTABLE WATER USE (PER SOIL&WATER-5)

Sentinel Energy Center LLC

Potable Water Usage 1-1-24 thru 12-31-24

Month	Year	Beginning Mo.	Month End	Usage, gallons	Usage, Cubic Feet	Usage, Acre Feet
January	2024	2600381	2607481	7100	949	0.022
February	2024	2607481	2616616	9135	1221	0.028
March	2024	2616616	2624215	7599	1016	0.023
April	2024	2624215	2632086	7871	1052	0.024
May	2024	2632086	2641428	9342	1249	0.029
June	2024	2641428	2658279	16851	2253	0.052
July	2024	2658279	2716517	58238	7785	0.179
August	2024	2716517	2789288	72771	9728	0.223
September	2024	2789288	2842731	53443	7144	0.164
October	2024	2842731	2862362	19631	2624	0.060
November	2024	19631	27310	7679	1027	0.024
December	2024	27310	32386	5076	679	0.016
Total Usage				274736	36727	0.84

Note: Readings from COL e-logger

ATTACHMENT 7

GROUNDWATER USAGE (PER SOIL&WATER-8)

Sentinel Energy Center LLC

Ground Water Usage 1-1-24 thru 12-31-24

PW-1 Well

Month	Year	Usage, Gallons	Usage, Acre Feet
January	2024	11,801,985	36.2
February	2024	2,035,444	6.2
March	2024	4,789,016	14.7
April	2024	2,847,078	8.7
May	2024	1,627,757	5.0
June	2024	6,953,125	21.3
July	2024	19,134,371	58.7
August	2024	12,327,116	37.8
September	2024	9,181,566	28.2
October	2024	2,081,075	6.4
November	2024	748	0.0
December	2024	419,656	1.3
Total Usage		73,198,937	225

PW-2 Well

Month	Year	Usage, Gallons	Usage, Acre Feet
January	2024	748	0.0
February	2024	2,244	0.0
March	2024	1,496	0.0
April	2024	0	0.0
May	2024	0	0.0
June	2024	0	0.0
July	2024	0	0.0
August	2024	0	0.0
September	2024	0	0.0
October	2024	690,450	2.1
November	2024	499,697	1.5
December	2024	748	0.0
Total Usage		1,195,384	4

Both Well's

Month	Year	Usage, Gallons	Usage, Acre Feet
January	2024	11,802,733	36
February	2024	2,037,688	6
March	2024	4,790,512	15
April	2024	2,847,078	9
May	2024	1,627,757	5
June	2024	6,953,125	21
July	2024	19,134,371	59
August	2024	12,327,116	38
September	2024	9,181,566	28
October	2024	2,771,525	9
November	2024	500,445	2
December	2024	420,404	1
Total Usage		74,394,321	228

ATTACHMENT 8

GROUNDWATER RECHARGE (PER SOIL&WATER-10)

[illegible]

Amanda Johnson

From: Hoffman, Craig@Energy <Craig.Hoffman@energy.ca.gov>
Sent: Wednesday, July 25, 2012 9:56 AM
To: Maggie Fitzgerald; Dennis, Christopher@Energy
Cc: Amanda Johnson
Subject: RE: CPV Sentinel - S&W COC Verification modifications-draft for your review
Attachments: CPV Sentinel Water Conditions_Proposed Verification Changes_mmf CH CD.doc

Maggie

Your proposed modifications to S&W 10 and 14 are approved as the attachment identified.

S&W 10 - the language in the condition yellow highlights cannot be modified without a formal amendment. We added language to the verification that should provide the clarification.

S&W 14 Staff is fine with the monthly average range being removed, however staff would still like to see the range and average on a yearly basis.

Please let me know if this works for you.

Thank you.

Craig Hoffman
Project Manager

California Energy Commission
Siting, Transmission and Environmental Protection Division
1516 Ninth Street, MS 2000
Sacramento, CA 95814-5512

phone: 916-654-4781
fax: 916-654-3882

From: Maggie Fitzgerald [<mailto:MFitzgerald@sierraresearch.com>]
Sent: Tuesday, July 03, 2012 2:17 PM
To: Hoffman, Craig@Energy; Dennis, Christopher@Energy
Cc: Amanda Johnson
Subject: CPV Sentinel - S&W COC Verification modifications-draft for your review

Hi Craig and Chris,

Attached are 2 files: the word file for S&W-10 and S&W-14 with very minor modifications to the Verifications (in track changes) and a draft cover letter.

These changes seem really minor and barely worth changing, but when I reviewed my notes it seems like we resolved most of the questions without needing any formal changes. Can you take a quick look and let me know if I missed something? After your review, I will prepare a formal submittal. Thanks and happy 4th!

Maggie

Maggie Fitzgerald
Sierra Research
1801 J Street
Sacramento, CA 95811

MFitzgerald@sierraresearch.com

Cell: 949-514-5655

ATTACHMENT 9

SALT CAKE GENERATED (PER SOIL&WATER-12)



Hans W. Kernkamp, General Manager-Chief Engineer

RECEIVED
OCT 31 2017

October 26, 2017

Dennis Johnson
Sentinel Energy Facility
PO Box 1328
Desert Hot Springs, CA 92240

BY:

RE: Request for Disposal of ZLD Filter Cake from Sentinel Energy Facility at Lamb Canyon Landfill

Dear Mr. Johnson:

The Riverside County Department of Waste Resources (Department) has received and reviewed your request to dispose of "ZLD Filter Cake" from Sentinel Energy Facility at the Lamb Canyon Landfill located at 16411 Lamb Canyon Road, Beaumont, California. The Department has also received and reviewed the following documents regarding your waste material:

- Waste approval email dated October 24, 2017 from the RWQCB-Santa Ana Region 8.
- Analytical results for metals and Bioassay HW dated September 14, 2017 attached with your request.
- Department Waste Generator Profile Sheet.

Based on the information supplied by you and the approval from RWQCB-Santa Ana Region, the Department is satisfied that this waste stream meets the criteria of a non-hazardous solid waste and, therefore, can be accepted at the Lamb Canyon Landfill.

A copy of this approval letter shall be shown at the fee both at the time of delivery, or the load could be rejected.

This approval will stay in effect as long as there is no operational change that could alter the composition/characteristics of the waste stream. If there's any operational changes take place, the facility is required to re-submit the request for approval to the Water Board and the Department.

If you have any questions or need further assistance, please call me at (951) 486-3277.

Sincerely,

Emily Chau
Program Coordinator

EC:ec

cc: James Chen
Stacey Hubbard

Period 1-1-24 Thru 12-31-24			Sentinel Energy Center		
Desert Valley County Disposal					
ZLD Cake Disposal		Acct # 3-0016551-9		20 CY-Container #1,2,3	
Pick Up Dates		Landfill Site	Measured type	Reported Quantity	Monthly Total
1/30/24		Edom Hill transfer station	Tons	5.71	
1/30/24		Edom Hill transfer station	Tons	5.30	11.01
2/14/24		Edom Hill transfer station	Tons	4.32	
2/22/24		Edom Hill transfer station	Tons	8.25	12.57
6/10/24		Edom Hill transfer station	Tons	3.75	3.75
7/11/24		Edom Hill transfer station	Tons	6.93	
7/30/24		Edom Hill transfer station	Tons	5.82	
7/30/24		Edom Hill transfer station	Tons	9.34	
7/30/24		Edom Hill transfer station	Tons	6.54	28.63
8/19/24		Edom Hill transfer station	Tons	8.22	8.22
Total Tons				64.18	

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Work Order List

1/07/25 Page: 1
13:17:36 Dataset: PS

Cust name/ Cust#	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
CPV SENTINAL	15775 MELISSA LN				NORTH PS COUNTY				
	850664	Action: 2/02/24			Status: Posted				
		Created: 1/30/24	8:13		By: NI NETTE				
3 -0016551	Route: IO	L# 0001: 2/02/24	20	TR	20 CY DISPOSAL E & L		1.00		363.60
		L# 0002: 1/30/24	20	TS	20 CY DISPOSAL TIP OVR 3T		5.71	64.110	173.74
		L# 0003: 1/30/24			# 1				
	850664	20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	850665	Action: 2/02/24			Status: Posted				
		Created: 1/30/24	8:14		By: NI NETTE				
Route: IO		L# 0001: 2/02/24	20	TR	20 CY DISPOSAL E & L		1.00		363.60
		L# 0002: 1/30/24	20	TS	20 CY DISPOSAL TIP OVR 3T		5.30	64.110	147.45
		L# 0003: 1/30/24			# 3				
	850665	20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	850816	Action: 2/02/24			Status: Posted				
		Created: 1/31/24	8:05		By: NI NETTE				
Route: IO		L# 0001: 2/02/24	20	TA	20 CY ROLLOFF DELIVER				
		L# 0002: 1/31/24			PLACE BEHIND ADMIN BUILDING				
		L# 0003: 1/31/24			GRAVEL ON THE BACK SIDE				
		L# 0004: 2/05/24			278				
	850816	20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	851738	Action: 2/13/24			Status: Posted				
		Created: 2/09/24	8:28		By: NI NETTE				
Route: IO		L# 0001: 2/13/24	20	TR	20 CY DISPOSAL E & L		1.00		363.60
		L# 0002: 2/12/24	20	TS	20 CY DISPOSAL TIP OVR 3T		4.32	64.110	84.63
		L# 0003: 2/12/24			1,2,3				
		L# 0004: 2/14/24			2				
	851738	20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	851919	Action: 2/13/24			Status: Posted				
		Created: 2/12/24	10:15		By: NI NETTE				
Route: IO		L# 0001: 2/13/24	20	TR	20 CY DISPOSAL E & L		1.00		363.60
		L# 0002: 2/12/24	20	TS	20 CY DISPOSAL TIP OVR 3T		4.18	64.110	75.65
		L# 0003: 2/12/24			278				
	851919	20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Work Order List

1/07/25 Page: 2
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
CPV SENTINAL	15775 MELISSA LN				NORTH PS COUNTY				
	852612	Action: 2/21/24			Status: Posted				
		Created: 2/19/24 10:25			By: AMRAN				
Route: IO		L# 0001: 2/21/24 20	TR	20	CY DISPOSAL E & L		1.00		363.60
		L# 0002: 2/22/24 20	TS	20	CY DISPOSAL TIP OVR 3T		8.25	64.110	336.58
		L# 0003: 2/22/24			1				
	852612								
		20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	854320	Action: 3/06/24			Status: Posted				
		Created: 3/04/24 13:59			By: NI NETTE				
Route: IO		L# 0001: 3/06/24 20	TT	20	CY DISPOSAL NO RETURN		1.00		363.60
		L# 0002: 3/04/24 20	TS	20	CY DISPOSAL TIP OVR 3T		5.13	64.110	136.55
		L# 0003: 3/04/24			278				
	854320								
		20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	866189	Action: 6/11/24			Status: Posted				
		Created: 6/10/24 8:14			By: NI NETTE				
Route: IO		L# 0001: 6/11/24 20	TR	20	CY DISPOSAL E & L		1.00		363.60
		L# 0002: 6/10/24 20	TS	20	CY DISPOSAL TIP OVR 3T		3.75	64.110	48.08
		L# 0003: 6/10/24			# 1				
	866189								
		20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	869726	Action: 7/12/24			Status: Cmpl-Prt				
		Created: 7/09/24 15:26			By: NI NETTE				
Route: IO		L# 0001: 7/12/24			20 CY DISPOSAL E & L CANCEL				
	869726								
		20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	870033	Action: 7/15/24			Status: Posted				
		Created: 7/11/24 14:03			By: NI NETTE				
Route: IO		L# 0001: 7/15/24 20	TR	20	CY DISPOSAL E & L		1.00		363.60
		L# 0002: 7/11/24 20	TS	20	CY DISPOSAL TIP OVR 3T		6.93	64.110	251.95
		L# 0003: 7/11/24			# 2				
	870033								
		20Y TAKE TO EDOM HILL							
		CUSTOMER OWNED/ NO RENT							
	870963	Action: 7/26/24			Status: Cmpl-Prt				
		Created: 7/22/24 8:03			By: NI NETTE				
Route: IO		L# 0001: 7/26/24			20 CY DISPOSAL E & L CUST CAN				

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Work Order List

1/07/25 Page: 3
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
CPV SENTINAL	15775 MELISSA LN				NORTH PS COUNTY				
	870963				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Work Order Total: .00
Route: IO	871888	Action: 8/01/24 Created: 7/30/24 L# 0001: 8/01/24 L# 0002: 7/30/24 L# 0003: 7/30/24	8:35	By: NI NETTE	Status: Posted 20 TR 20 CY DISPOSAL E & L 20 TS 20 CY DISPOSAL TIP OVR 3T 1	1.00 5.82		363.60 64.110 180.79	
	871888				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Work Order Total: 544.39
Route: IO	871889	Action: 8/01/24 Created: 7/30/24 L# 0001: 8/01/24 L# 0002: 7/30/24 L# 0003: 7/30/24	8:35	By: NI NETTE	Status: Posted 20 TR 20 CY DISPOSAL E & L 20 TS 20 CY DISPOSAL TIP OVR 3T 2	1.00 9.34		363.60 64.110 406.46	
	871889				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Work Order Total: 770.06
Route: IO	871921	Action: 8/01/24 Created: 7/30/24 L# 0001: 8/01/24 L# 0002: 7/30/24 L# 0003: 7/30/24	9:39	By: NI NETTE	Status: Posted 20 TR 20 CY DISPOSAL E & L 20 TS 20 CY DISPOSAL TIP OVR 3T 3	1.00 6.54		363.60 64.110 226.95	
	871921				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Work Order Total: 590.55
Route: IO	873811	Action: 8/19/24 Created: 8/15/24 L# 0001: 8/19/24 L# 0002: 8/19/24 L# 0003: 8/20/24	13:30	By: AMRAN	Status: Posted 20 TR 20 CY DISPOSAL E & L 20 TS 20 CY DISPOSAL TIP OVR 3T 1	1.00 8.22		363.60 64.110 334.65	
	873811				20Y TAKE TO EDOM HILL CUSTOMER OWNED/ NO RENT				Work Order Total: 698.25
									Customer Total: 6,766.68

ARW522P
User: NI NETTE

DESERT VALLEY COUNTY
Work Order List

1/07/25 Page: 4
13:17:36 Dataset: PS

Cust name/ Cust #	W O. #	Date	Sz	Cg	Description	Seq#	Qty	Rate	Total
-----	-----	----	--	--	-----	----	---	----	-----

Company Total: 6,766.68

Report Total:	Work Order Count:	15	85.49	6,766.68
---------------	-------------------	----	-------	----------

ATTACHMENT 10

**DWA MEMORANDUM, REVISED WATER CONSERVATION PLAN, &
GROUNDWATER SAVINGS (PER SOIL&WATER-14)**

Memorandum

To: Mark McDaniels, Vice President, Competitive Power Ventures

From: David Luker, General Manager and Chief Engineer, Desert Water Agency

Date: November 4, 2013

Re: SOIL&WATER-14

Attached is a report describing the water savings at Indian Canyons North Golf Course which has been realized through Competitive Power Ventures contribution.

The recycled water system for Indian Canyons North was completed in June of 2012 thus eliminating the golf courses' dependence on groundwater. All metered reclaimed water use at this site can be considered in equal parts a savings of groundwater. Further, the groundwater well previously used as the source of irrigation water was disabled in June 2012 and therefore the use of groundwater is not an option.



June 2, 2021

California Energy Commission
Attention: Compliance Project Manager
1516 Ninth Street (MS-2000)
Sacramento, California 95814-5512

Subject: Notification for CPV Sentinel Energy Project, Docket# 07-AFC-3,
Condition of Certification SOIL&WATER-16

Dear Sir/Madam:

Pursuant to Condition of Certification SOIL&WATER-16 for CPV Sentinel Energy Project, Docket# 07-AFC-3, Sentinel Energy Center, LLC (Sentinel) hereby submits this revised Water Conservation Plan.

On July 17, 2020, Sentinel notified the California Energy Commission (CEC) of the Agua Caliente Band of Cahuilla Indians' action to no longer purchase recycled water that was part of the Water Conservation Funding Agreement, dated July 15, 2008, per Sentinel's Condition of Certification SOIL&WATER-14. We anticipate this change, along with a commensurate reduction in shallow water aquifer credits, and a change to water saving credits available to Sentinel under the Irrigation and Controller Program per Sentinel's Condition of Certification SOIL&WATER-15, will make the annual water conservation benefits identified in SOIL&WATER-16 1.B unsustainable.

This revised Water Conservation Plan incorporates the conservation measures currently identified by Desert Water Authority (DWA) for implementation going forward. As noted below, there have not been any conservation measures identified that can offset the loss of water savings from the cessation of the recycled water supply to the Palm Springs National Golf Course (PSNGC, now Indian Canyons Golf Course). Sentinel will continue to provide the annual funding to DWA for implementing water conservation measures, and as DWA identifies other opportunities for water savings, these measures will be documented in Sentinel's Annual Compliance Report.

Revised Water Conservation Program

SOIL&WATER-14 – Water Supply Conversion of PSNGC

1. *The project owner shall pay \$1,000,000 to the DWA for enhancements and improvements to DWA's reclaimed water system intended to maximize the availability of reclaimed water to DWA customers.*

COMPLETE – As of December 2020, \$1,597,000 has been paid to DWA since June 14, 2011.¹

2. *The project owner shall pay \$300,000 to DWA for fees and construction costs to enable delivery of the recycled water from DWA's South Murray Canyon Drive service main to the PSNGC.*

COMPLETE – \$300,000 was paid to DWA on June 14, 2011.¹

3. *The project owner shall, in each calendar year following the start of commercial operation, ensure that the maximum available supply of DWA's recycled water that can be beneficially used by PSNGC will be delivered and used by PSNGC.*

COMPLETE – Through August 2020, PSNGC has relied solely on recycled water supplied by DWA for irrigation purposes; groundwater is not available as the groundwater well was removed.²

4. *The project owner shall obtain records from DWA showing the volume of recycled water used and report, in acre-feet, the monthly and annual water use in the Annual Compliance Report. If any groundwater is used for irrigation of PSNGC, the project owner shall also obtain records showing the monthly and annual totals in acre-feet in the Annual Compliance Report and provide an explanation of why irrigation with groundwater was necessary.*

COMPLETE – Through August 2020, monthly and annual water use has been reported in the Annual Compliance Report.³ No groundwater is used for irrigation.²

5. *In the event the PSNGC no longer requires recycled water service, the project owner shall notify the CPM within 10 days and shall comply with the requirements of SOIL&WATER-16.*

COMPLETE – Sentinel notified the CEC on July 17, 2020, that PSNGC no longer requires recycled water service after receiving notification from the DWA on July 8, 2020.⁴

SOIL&WATER-15 – Irrigation Controller Program

1. *Contribute funding sufficient for DWA's installation of 4,800 irrigation controllers in its services area at existing businesses or residences to conserve an estimated 480 to 706 acre-feet of groundwater per year.*

ONGOING – Sentinel continues to fund DWA's irrigation controller program and free sprinkler nozzle program. Copies of the annual invoices and proof of payment are provided in Attachment 11 of the Annual Compliance Report.¹ The number of irrigation controllers

¹ Annual Compliance Report, Attachment 11 – DWA Invoices and Proof of Payments (Per SOIL&WATER-14). January 2021.

² Annual Compliance Report, Attachment 10 – DWA Memorandum & Groundwater Savings through PSNGC Recycled Water Use (Per SOIL&WATER-14). January 2021.

³ Annual Compliance Report, Attachment 14 – Annual Water Use and Conservation Summary & Benefits Report (Per SOIL&WATER-16). January 2021.

⁴ Sentinel Energy Center. Notification for Sentinel Energy Center, Docket# 07-AFC-3, Condition of Certification SOIL&WATER-14, July 17, 2020.

installed with resultant water savings and the number of sprinkler nozzle program participants with resultant water savings are in Attachment 12 of the Annual Compliance Report.⁵

As of August 2019, there are 2,340 controller accounts that are tracked by the DWA and 86 sprinkler nozzle program participants. Since 2011, 7,434 acre-feet have been conserved through December 2020 by the Irrigation Controller Program and Free Sprinkler Nozzle Program.

2. *Cause DWA to complete an evaluation of the effectiveness of the irrigation controller program using methods similar to those used by CVWD in their Final Report dated June 21, 2007 or other methods to be approved by the CPM.*

COMPLETE – Regarding the irrigation controller program and free sprinkler nozzles program effectiveness and estimated water savings, DWA issued two memorandums, dated November 4, 2013, and May 24, 2017, addressing these topics.⁶

SOIL&WATER-16 – Reporting and Verifying the Fresh Water Conservation Program Benefits

1. *Provide annual reporting to assess whether the fresh water conservation benefits achieved by implementation of SOIL&WATER-14 and SOIL&WATER-15 have met the following requirements:*

- A. *Achieve 1,000 AFY in fresh water conservation benefits by the end of the first full calendar year following the project commercial operation date, increasing by 100 AFY annually over the subsequent 5 years to 1,500 AFY by the end of the 6th full calendar year following the commercial operation date.*

COMPLETE – As demonstrated in the Annual Compliance Report submittals.

- B. *Achieve minimum cumulative water conservation benefits of 1,500 AFY for each year following the 6th full calendar year following the commercial operation date for the life of the project.*

COMPLETE – As demonstrated in the Annual Compliance Report submittals, following the sixth full calendar year until the discontinuation of recycled water supply to PSNGC, Sentinel has achieved more than the 1,500 AFY of water conservation benefits annually.

2. *If the fresh water conservation benefits of the water supply conversion of the PSNGC and the irrigation program projects identified in 1. A and B above cannot be sustained for any reason, the project owner shall submit a revised Water Conservation Plan within 6 months of the annual report, obtain CPM approval of the revised plan, and implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1. A and B of this condition.*

As demonstrated above, the water conservation measures originally proposed as part of SOIL&WATER-14, 15, and 16-1 have been met. In total, from the adoption of the water savings program until December 2020, Sentinel has funded over \$1,500,000 in water conservation measures and achieved over 15,000 acre-feet in water savings, a 40% increase over the minimum goal of 10,500 acre-feet. The additional savings were realized by implementing additional water savings measures outside of the original Water Conservation

⁵ Annual Compliance Report, Attachment 12 – *Installed Irrigation Controllers (Per SOIL&WATER-15)*. January 2021.

⁶ Annual Compliance Report, Attachment 13 – *DWA Memorandum Regarding Irrigation Controller Program Effectiveness (Per SOIL&WATER-15)*.

Program, including DWA's grass removal program and their groundwater remediation program.^{6,7}

The number of water conservation measures available to DWA has declined over the past 8 years as water saving requirements are incorporated into city building codes for new and re-developments, and existing facilities have largely been mitigated to the extent possible through the existing (and continuing) annual payments. Going forward, Sentinel will continue to provide an annual stipend to DWA to fund water conservation projects, and future water conservation savings will be on an opportunity basis. The projects identified for the Revised Water Conservation Program include the Irrigation Controller Program, the Free Sprinkler Nozzles Program, the Groundwater Remediation Program, and the Grass Removal Program. As DWA identifies other opportunities for water savings, these measures will be included in the funding and documented in the Annual Compliance Reports.

Schedule

DWA will provide an annual report to Sentinel of water savings achieved for the reporting year and anticipated savings/conservation projects for the following year. This schedule report will be provided to CEC in Sentinel's Annual Compliance Report.

If you have any questions regarding this submittal, please contact me at (760) 288-7900.

Sincerely,



Mark McDaniels
Director, Operations and Maintenance
15775 Melissa Lane
North Palm Springs, CA 92258

cc: David Wells, Sentinel Energy Center, LLC
Dennis Johnson, Sentinel Energy Center, LLC
Wayne Forsyth, DGC Operations, LLC
Scott McHugh, DGC Operations, LLC

⁷ The project consisted of the construction and operation of two new wells designed to pump and treat groundwater that has elevated concentrations of nitrates. The treated groundwater is then blended with DWA's recycled water and used for irrigation.

Groundwater Remediation Program Summary 1-1-24 thru 12-31-24

	Well #1	Well #2	Both Wells
Month/Year	Usage, Acre Feet	Usage, Acre Feet	Usage, Acre Feet
January 2024	0.00	0	0.00
February 2024	3.94	3.018824592	6.96
March 2024	6.55	2.738751131	9.29
April 2024	23.25	33.05555536	56.30
May 2024	31.10	53.34710712	84.45
June 2024	36.94	54.54086285	91.48
July 2024	60.15	73.1152429	133.26
August 2024	61.92	106.8732776	168.79
September 2024	26.99	44.73599606	71.72
October 2024	18.56	102.8099167	121.37
November 2024	24.10	64.24701522	88.35
December 2024	0.00	0	0.00
Total	293.50	538.48	831.98
Program To Date Total	2368.32	2619.28	4996.30

Note: Program To Date Total reflects usage from March 2015 through December 2024

ATTACHMENT 11

DWA INVOICES AND PROOF OF PAYMENTS (PER SOIL&WATER-14)

DWA Irrigation Controller Program

Invoice Period	Payment Date	Check Number	Amount
Start Up	6/14/2011	Wire Transfer	\$300,000.00
2011/2012	10/19/2012	3176213	\$46,679.18
2012/2013	8/30/2013	3251860	\$114,772.67
2013/2014	7/31/2014	3344109	\$203,811.53
2014/2015	9/1/2015	N/A	\$302,097.85
2015/2016	8/29/2016	3463395	\$187,208.01
2016/2017	4/17/2017	419120	\$142,430.76
2017/2018	7/31/2018	355571	\$100,000.00
2018/2019	7/31/2019	3596723	\$100,000.00
2019/2020	7/15/2020	Wire Transfer	\$100,000.00
2021	8/30/2021	Wire Transfer	\$100,000.00
2022	7/21/2022	Wire Transfer	\$100,000.00
2023	8/2/2023	Wire Transfer	\$100,000.00
2024	8/6/2024	Wire Transfer	\$100,000.00
Total:			\$1,997,000.00



STATEMENT

PO Box 1710
Palm Springs, CA 92263-1710
Phone (760) 323-4971 Fax (760) 325-6505

2023-2024
Date: July 31, 2024

TO:
Sentinel Energy Center, LLC
P.O. Box 1328
DHS, CA 92240
Attention: Jan Wolf

Thank you for partnering with DWA on its outdoor irrigation programs. If you have any questions concerning this invoice, contact Clark Elliott, (760) 323-4971 ext. 279, elliott@dwa.org.

Previous account balance:	\$-208.37
2024 contribution	\$100,000.00
2023-24 debits from account:	\$99,494.08
New account balance:	\$297.54

Entered	18410	Approval	NOPO
	BA	PM	AAI / Gr. Mgmt
TML 8/16/24	JW	DS	Re
Age Invoice 30 days or pay by:			
G/L Code: 635030 Water Intr.			
Comments: 100,000			

DETAIL REPORT FOR 2023-24 DEBITS:

CONTROLLERS

Date	Controller Rebates	
7/19/2023	Desert Arches Community Association	\$707.00
7/19/2023	Melissa Milanovich	\$133.68
7/19/2023	Karine Ghanimian	\$250.00
7/19/2023	Brett Grodeck	\$150.00
7/19/2023	Dj Porter	\$150.00
7/19/2023	Renzo Corzano	\$53.33
7/19/2023	Michael Mellenger	\$199.85
7/19/2023	Floyd Solders	\$150.00
7/19/2023	Guadalupe Solano	\$250.00
7/27/2023	Carl Borey	\$93.82
7/27/2023	James Freelend	\$150.00
8/10/2023	Helen Boyne	\$118.00
8/10/2023	Edward Ackerman	\$139.98
8/10/2023	Gerald Hogsett	\$117.20
8/10/2023	Cherie Teitelbaum	\$150.00
8/10/2023	Morgan Knight	\$138.00
8/10/2023	James Komro	\$98.00
8/21/2023	Lauren Bruno	\$178.00
9/6/2023	Yannick Genin	\$134.99

ATTACHMENT 12

INSTALLED IRRIGATION CONTROLLERS (PER SOIL&WATER-15)

Sentinel Energy Center January 2024 through December 2024

	Turf Savings	Sq.Ft	Controller Savings	Qty	Nozzles Savings	Qty	Total Conservation Programs
Jan-24	7.92	499,546	2.32	589	6.46	19,128	16.70
Feb-24	7.92	499,546	2.30	585	6.89	20,418	17.12
Mar-24	7.92	499,546	2.33	592	6.94	20,558	17.19
Apr-24	7.92	499,546	2.36	600	6.94	20,558	17.22
May-24	7.92	499,546	2.38	605	6.96	20,608	17.26
Jun-24	7.92	499,546	2.40	608	6.96	20,608	17.27
Jul-24	7.92	499,546	2.48	629	6.92	20,490	17.32
Aug-24	7.92	499,546	2.51	636	6.89	20,417	17.32
Sep-24	7.92	499,546	2.57	653	6.89	20,417	17.39
Oct-24	7.92	499,546	2.71	689	6.89	20,406	17.52
Nov-24	7.92	499,546	2.71	689	6.84	20,252	17.47
Dec-24	7.92	499,546	2.73	693	6.25	18,513	16.90
	95.05 AF		29.81 AF		81.82 AF		206.68 AF

ATTACHMENT 13

**DWA MEMORANDUM REGARDING IRRIGATION CONTROLLER
PROGRAM EFFECTIVENESS (PER SOIL&WATER-15)**

Memorandum

To: Mark McDaniels, Vice President, Competitive Power Ventures

From: David Luker, General Manager and Chief Engineer, Desert Water Agency

Date: November 4, 2013

Re: SOIL&WATER-15

Although the irrigation controller program continues to be funded by CPV, and implemented by DWA, it is not possible to accurately quantify the water savings associated with the program. Therefore DWA identified an additional program to enhance water conservation efforts. Specifically, DWA recently completed a groundwater remediation project in the vicinity of the water recycling plant. The project consists of the construction and operation of two new wells designed to pump and treat groundwater that has elevated concentrations of nitrates. The treated groundwater is then blended with DWA's recycled water and used for irrigation. DWA estimates the annual water conservation volume to be 220 acre feet per year. DWA will provide CPV with reports containing monthly and annual water conservation volumes upon project completion.

ATTACHMENT 14

**ANNUAL WATER USE AND CONSERVATION SUMMARY &
BENEFITS REPORT (PER SOIL&WATER-16)**

Sentinel Energy Center

Annual Water Use and Conservation

Summary Report

This report provides a summary of the Sentinel Energy Center, LLC facility (Sentinel Energy Center) water use and conservation for the January 1 through December 31, 2024 reporting period.

Potable Water Usage

Per the intent of Condition of Certification (COC) SOIL&WATER-5, as outlined in the California Energy Commission (CEC) Commission Decision Findings of Fact, the following tables illustrate that the Sentinel Energy Center used less than 2-acre feet per year (AFY) of potable water. Daily potable water readings began on January 1 through December 31, 2024.

As depicted below, and in Attachment 6, the acre- feet consumed is significantly less than the 2.0 acre-feet permitted.

Potable Water Usage 1-1-24 thru 12-31-24

Month	Year	Beginning Mo.	Month End	Usage, gallons	Usage, Cubic Feet	Usage, Acre Feet
January	2024	2600381	2607481	7100	949	0.022
February	2024	2607481	2616616	9135	1221	0.028
March	2024	2616616	2624215	7599	1016	0.023
April	2024	2624215	2632086	7871	1052	0.024
May	2024	2632086	2641428	9342	1249	0.029
June	2024	2641428	2658279	16851	2253	0.052
July	2024	2658279	2716517	58238	7785	0.179
August	2024	2716517	2789288	72771	9728	0.223
September	2024	2789288	2842731	53443	7144	0.164
October	2024	2842731	2862362	19631	2624	0.060
November	2024	19631	27310	7679	1027	0.024
December	2024	27310	32386	5076	679	0.016
Total Usage				274736	36727	0.84

Process Water (Ground Water) Usage

Per the intent of COC SOIL&WATER-8, as outlined in the CEC Commission Decision Findings of Fact, the following table, and in Attachment 7, illustrates that the Sentinel Energy Center used less than the annual maximum of 1,100 AFY of process water (i.e., ground water) and less than the projected average of 550 AFY for project operations, including cooling, process operations, fire protection, and landscaping.

Sentinel Energy Center LLC

Ground Water Usage 1-1-24 thru 12-31-24

PW-1 Well

Month	Year	Usage, Gallons	Usage, Acre Feet
January	2024	11,801,985	36.2
February	2024	2,035,444	6.2
March	2024	4,789,016	14.7
April	2024	2,847,078	8.7
May	2024	1,627,757	5.0
June	2024	6,953,125	21.3
July	2024	19,134,371	58.7
August	2024	12,327,116	37.8
September	2024	9,181,566	28.2
October	2024	2,081,075	6.4
November	2024	748	0.0
December	2024	419,656	1.3
Total Usage		73,198,937	225

PW-2 Well

Month	Year	Usage, Gallons	Usage, Acre Feet
January	2024	748	0.0
February	2024	2,244	0.0
March	2024	1,496	0.0
April	2024	0	0.0
May	2024	0	0.0
June	2024	0	0.0
July	2024	0	0.0
August	2024	0	0.0
September	2024	0	0.0
October	2024	690,450	2.1
November	2024	499,697	1.5
December	2024	748	0.0
Total Usage		1,195,384	4

Both Well's

Month	Year	Usage, Gallons	Usage, Acre Feet
January	2024	11,802,733	36
February	2024	2,037,688	6
March	2024	4,790,512	15
April	2024	2,847,078	9
May	2024	1,627,757	5
June	2024	6,953,125	21
July	2024	19,134,371	59
August	2024	12,327,116	38
September	2024	9,181,566	28
October	2024	2,771,525	9
November	2024	500,445	2
December	2024	420,404	1
Total Usage		74,394,321	228

Per COC SOIL&WATER-10 and SOIL&WATER-11, as well as the intent of COC SOIL&WATER-8, as outlined in the CEC Commission Decision Findings of Fact, the following table, and in Attachment 8, illustrates that the Sentinel Energy Center met the requirement that in any given month, the amount of water that may be consumed is the total amount of water that has been recharged 16- months or more prior to that month, minus the cumulative amount of water previously pumped for project process needs.

SOIL&WATER-10 (GW Recharge) and SOIL&WATER-11 (New Recharge Water Sources)

[illegible]

Fresh Water Conservation Program Benefits

Per COC SOIL&WATER-16, the project owner must provide the following:

1. *Provide annual reporting to assess whether the fresh water conservation benefits achieved by implementation of SOIL&WATER-14 and SOIL&WATER-15 have met the following requirements:*
 - a. *Achieve 1,000 AFY in fresh water conservation benefits by the end of the first full calendar year following the project commercial operation date, increasing by 100 AFY annually over the subsequent 5 years to 1,500 AFY by the end of the 6th full calendar year following the commercial operation date.*
 - b. *Achieve minimum cumulative water conservation benefits of 1,500 AFY for each year following the 6th full calendar year following the commercial operation date for the life of the project.*
2. *If the fresh water conservation benefits of the water supply conversion of the PSNGC and the irrigation program projects identified in 1. A and B above cannot be sustained for any reason, the project owner shall submit a revised Water Conservation Plan within 6 months of the annual report, obtain CPM approval of the revised plan, and implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1. A and B of this condition.*

Through Sentinel Energy Center, LLC's funding of the Palm Springs National Golf Course (PSNGC) reclaimed water use program (per SOIL&WATER-14), the DWA irrigation controller program (per SOIL&WATER-15) and the implementation of the groundwater remediation program to supplement reclaimed water availability (SOIL&WATER-15), the Sentinel Energy Center has exceeded the 1,000 AFY in fresh water conservation benefits by the end of the first full calendar year following the project commercial operation date. Details on the specific fresh water conservation program benefits are described below.

Water Supply Conversion of Palm Springs National Golf Course

In accordance with SOIL&WATER-14, Sentinel Energy Center, LLC funded the construction and operation of the DWA recycled water line to provide recycled water to the Palm Springs National Golf Course. PSNGC has relied solely on recycled water supplied by DWA for irrigation purposes; groundwater is not available as the groundwater well was removed. DWA confirmed that the recycled water system for PSNGC was completed in June 2012, thus eliminating the golf courses' dependence on groundwater.

On July 17, 2020 Sentinel notified the CEC of the Agua Caliente Band of Cahuilla Indians' action to no longer purchase recycled water that was part of the Water Conservation Funding Agreement. The Revised Water Conservation Plan (Att. 10) incorporates the conservation measures currently identified by Desert Water Agency (DWA) for implementation going forward. DWA will continue to provide Sentinel Energy Center, LLC with monthly reports describing the amount of groundwater saved.

Irrigation Controller Program

In accordance with SOIL&WATER-15, Sentinel Energy Center, LLC continues to fund DWA's irrigation controller program. Regarding the irrigation controller program effectiveness and estimated water savings, DWA issued a memorandum dated November 4, 2013 addressing these topics. In the memo, DWA confirms that the irrigation controller program continues to be funded and implemented.

Free Sprinkler Nozzles Program

In accordance with SOIL&WATER-15, Sentinel Energy Center, LLC is also helping fund DWA's free sprinkler nozzles program. Regarding the free sprinkler nozzles program effectiveness and estimated water savings, DWA issued a memorandum dated May 24, 2017 addressing these topics. In the memo, DWA confirms that the free sprinkler nozzles program continues to be funded and implemented.

The below table, and in Attachment 11, provides an annual summary of the DWA Irrigation Controller Program and Free Sprinkler Nozzles Program.

DWA Irrigation Controller Program

Invoice Period	Payment Date	Check Number	Amount
Start Up	6/14/2011	Wire Transfer	\$300,000.00
2011/2012	10/19/2012	3176213	\$46,679.18
2012/2013	8/30/2013	3251860	\$114,772.67
2013/2014	7/31/2014	3344109	\$203,811.53
2014/2015	9/1/2015	N/A	\$302,097.85
2015/2016	8/29/2016	3463395	\$187,208.01
2016/2017	4/17/2017	419120	\$142,430.76
2017/2018	7/31/2018	355571	\$100,000.00
2018/2019	7/31/2019	3596723	\$100,000.00
2019/2020	7/15/2020	Wire Transfer	\$100,000.00
2021	8/30/2021	Wire Transfer	\$100,000.00
2022	7/21/2022	Wire Transfer	\$100,000.00
2023	8/2/2023	Wire Transfer	\$100,000.00
2024	8/6/2024	Wire Transfer	\$100,000.00
Total:			\$1,997,000.00

Program Summary	Reporting Year	To Date
Water Conserved from Controllers (acre-feet)	30	7268
Water Conserved from Sprinkler Nozzle Program (acre-feet)	82	535

Note: To Date totals reflect program use from October 2011 through December 2024.

Groundwater Remediation Program

DWA issued a memorandum dated November 4, 2013 identifying the groundwater remediation program to enhance water conservation efforts.

The project consists of the construction and operation of two new wells designed to pump and treat groundwater that has elevated concentrations of nitrates. The treated groundwater is then blended with DWA's recycled water and used for irrigation.

The below table provides a summary of the groundwater remediation program.

Groundwater Remediation Program Summary 1-1-24 thru 12-31-24

	Well #1	Well #2	Both Wells
Month/Year	Usage, Acre Feet	Usage, Acre Feet	Usage, Acre Feet
January 2024	0.00	0	0.00
February 2024	3.94	3.018824592	6.96
March 2024	6.55	2.738751131	9.29
April 2024	23.25	33.05555536	56.30
May 2024	31.10	53.34710712	84.45
June 2024	36.94	54.54086285	91.48
July 2024	60.15	73.1152429	133.26
August 2024	61.92	106.8732776	168.79
September 2024	26.99	44.73599606	71.72
October 2024	18.56	102.8099167	121.37
November 2024	24.10	64.24701522	88.35
December 2024	0.00	0	0.00
Total	293.50	538.48	831.98
Program To Date Total	2368.32	2619.28	4996.30

Note: Program To Date Total reflects usage from March 2015 through December 2024

Total Freshwater Conserved to Date

The following tables provide a summary of Grass Removal Turf Water Savings, Controller and Nozzles Water Savings from January 1, 2024 to December 31, 2024 and a summary from the Sentinel Energy Center's overall fresh water conservation benefits.

Sentinel Energy Center January 2024 through December 2024

	Turf Savings	Sq.Ft	Controller Savings	Qty	Nozzles Savings	Qty	Total Conservation Programs	
Jan-24	7.92	499,546	2.32	589	6.46	19,128	16.70	
Feb-24	7.92	499,546	2.30	585	6.89	20,418	17.12	
Mar-24	7.92	499,546	2.33	592	6.94	20,558	17.19	
Apr-24	7.92	499,546	2.36	600	6.94	20,558	17.22	
May-24	7.92	499,546	2.38	605	6.96	20,608	17.26	
Jun-24	7.92	499,546	2.40	608	6.96	20,608	17.27	
Jul-24	7.92	499,546	2.48	629	6.92	20,490	17.32	
Aug-24	7.92	499,546	2.51	636	6.89	20,417	17.32	
Sep-24	7.92	499,546	2.57	653	6.89	20,417	17.39	
Oct-24	7.92	499,546	2.71	689	6.89	20,406	17.52	
Nov-24	7.92	499,546	2.71	689	6.84	20,252	17.47	
Dec-24	7.92	499,546	2.73	693	6.25	18,513	16.90	
	95.05	AF	29.81	AF	81.82	AF	206.68	AF

Fresh Water Conservation Benefits Summary 1-1-24 thru 12-31-24

	Fresh Water saved during reporting year	Fresh Water saved to Date
Fresh Water Conservation Program	Acre-Feet	Acre-Feet
PSNGC Total Reclaim Water Use	0	5942
DWA Irrigation Controller Program Total Water Savings	30	7268
Groundwater Remediation	832	4997
DWA Free Sprinkler Nozzles Program Total Water Savings	82	535
Grass Removal Water Savings	95	641
Total Fresh Water Conserved	1039	19383

Note: Program To Date Total reflects benefits from inception of project program through December 2024

ATTACHMENT 15

SURFACE TREATMENT MAINTENANCE STATUS REPORT (PER VIS-1)

Sentinel 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 Sentinel Energy Center, for Sentinel 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: January 08, 2025

Major Project Features ¹	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 8 LMS 100 Combustion Turbine Generators (CTG)	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 8 CTG Stacks	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 8 LMS 100 Power Control Modules (PCM)	Excellent	Outside PCM Numbers were painted	No maintenance anticipated to be necessary over the next year

¹ The major project features identified in this status report are those listed in the project's approved Surface Treatment Plan, dated July 28, 2011.

Major Project Features¹	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 8 Single Cell Cooling Towers	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Operations/Warehouse Building	Excellent	Concrete Foundation poured for New Air Compressor Installation	No maintenance anticipated to be necessary over the next year
Gas Compressor Acoustic Enclosure Walls	Excellent	Repainted Labeling on Exterior Walls	Inspection of Acoustic Enclosure walls will be completed
Qty 8 GSU Transformer Containment	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 8 GSU Transformers	Excellent	5kV Transformers were repainted	No maintenance anticipated to be necessary over the next year
Qty 1 Raw Water Storage Tank	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Qty 2 Treated (Demin) Water Storage Tanks	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year

Major Project Features ¹	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 1 Waste Water Storage Tank	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Fire Water Pump House Enclosure	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Switchyard, Buses & Transmission Towers	Excellent	BlackStart Construction and Installation was completed during 2024	No maintenance anticipated to be necessary over the next year
Switchyard Building	Excellent	BlackStart Construction and Installation was completed during 2024	No maintenance anticipated to be necessary over the next year

ATTACHMENT 16

PERMANENT EXTERIOR LIGHTING STATUS REPORT (PER VIS-2)

Sentinel Energy Center

Permanent Exterior Lighting Status Report

This status report complies with the requirements outlined in the California Energy Commission's Condition of Certification VIS-2 for the Sentinel Energy Center, for Sentinel Energy Center, LLC to provide a status report regarding permanent exterior lighting in the Annual Compliance Report. This status report specifies a): the condition of the lighting that has been installed under the lighting plan (the CPV Sentinel Energy Project Lighting Mitigation Plan, dated February 2012) at the end of the reporting year; b) any deviations in lighting from the plan that occurred during the reporting year; and c) any proposed deviations from the lighting plan for the next year.

Lighting Inspection Date: January 8, 2025

Summary of the Current Condition of the Lighting:

The condition of the lighting that has been installed under the lighting plan at the end of this reporting year (January 1 through December 31, 2024) is acceptable and meets all requirements set forth in the Conditions of Certification.

Lighting Plan Deviation for this Reporting Period:

There have been no deviations in lighting from the plan during this reporting year (January 1 through December 31, 2024).

Proposed Deviations from Lighting Plan:

There are no proposed deviations from the lighting plan for the next year (January 1 through December 31, 2025).

ATTACHMENT 17

VIS-3 SUBMITTAL AND CEC APPROVAL

April 23, 2012

Craig Hoffman
Compliance Project Manager
California Energy Commission
Energy Facilities Siting Division
1516 Ninth Street, MS 2000
Sacramento, CA 95814-5504



**sierra
research**

1801 J Street
Sacramento, CA 95811
Tel: (916) 444-6666
Fax: (916) 444-8373
Ann Arbor, MI
Tel: (734) 761-6666
Fax: (734) 761-6755

RE: CPV Sentinel Energy Project (07-AFC-3C)
Submittal for Condition of Certification VIS-3
Landscape Plan

Dear Mr. Hoffman:

As there are no longer residents to the south or west of the CPV Sentinel Project with views of the project, we feel landscaping is not necessary at the project site. As such, a landscape plan, as specified in condition of certification VIS-3 (excerpt below), is no longer necessary for the project.

VIS-3: The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project.

The project owner shall submit to the CPM for review and approval and simultaneously to Riverside County for review and comment, a landscaping plan providing proper implementation that will satisfy these requirements. The plan shall include...

Verification: The landscaping plan shall be submitted to the CPM for review and approval and simultaneously to Riverside County 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 Riverside County a revised plan for review and approval by the CPM.


The planting must occur during the first optimal planting season following site mobilization. The project owner shall simultaneously notify the CPM and Riverside County within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.

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.

We would like to request that you confirm that VIS-3 is complete and considered closed by May 1, 2012.

If you have any questions or concerns, please do not hesitate to call me at 949-514-5655 or Amanda Johnson at 949-338-7537.

Sincerely,

A handwritten signature in black ink, appearing to read "Margaret M. Fitzgerald", with a long horizontal flourish extending to the right.

Maggie Fitzgerald
Site Compliance Manager

CC: Mark Turner, CPV Sentinel, LLC
Mark McDaniels, CPV Sentinel, LLC
John Murphy, CPV Sentinel, LLC
Charles Collins, Gemma Power Systems
Karen Timbrell, Gemma Power Systems
Michael Carroll, Latham & Watkins, LLP
Amanda Johnson, Sierra Research

From: Hoffman, Craig@Energy
To: Maggie Fitzgerald
Cc: Amanda Johnson
Subject: RE: CPV Sentinel - COCs
Date: Tuesday, March 05, 2013 9:31:11 AM
Attachments: 042312 COMPLIANCE 12 and 13 Closure plan to CEC.pdf

Maggie

1. COMPLIANCE-12, On-site contingency plan (unplanned temporary closure) due 60 days prior to commercial operation. Do you have an example of this type of plan? Example provided
2. COMPLIANCE-13, On-site contingency plan (unplanned permanent closure) Example provided
3. TRANS-2, Operation parking plan. COC requires submittal to the County of Riverside for their review/approval, then submit to CPM for approval. I think the parking plan is complete and was included in a CBO-approved drawing. Is County involvement required? We need a plot plan for our records. I need something to sign off.
4. VIS-3, Landscape Plan. COC requires County approval and CPM approval. How can we close this out since there really won't be landscaping? I will take care of this. This is complete.
5. VIS-1.4 and VIS-2.4, provide notification to CPM that surface treatment and lighting are complete. Does CPM need to inspect or is this just a notification? Just a notification of when things are done.
6. TSE-1, 2, 3, 4, 5, 6, 8. Can these be considered "closed and complete"? These can all be closed.
7. WASTE-3, abandoned well. All ground disturbance is done so it is not likely that an abandoned well will be discovered on site. Can we consider this "closed and complete"? Closed and Complete
8. SOIL&WATER-12, ZLD Management Plan. Do you have an example of what this Plan might look like? I asked Chris D. I will get you an example.
9. WORKER SAFETY-2, Emergency Action Fire Prevention Plan. COC required submittal to CEC and Fire Department. Fire Department has not yet responded and we aren't sure they will respond. Can we consider their lack of response as "no comments"? We need something for the file. Do you have a letter or email requesting comments by a certain date?
10. WASTE-9, Operations Waste Management Plan. COC required submittal to CEC, DTSC, and RWQCB. If DTSC and RWQCB don't response, which they haven't, can we consider their lack of response as "no comments"? We need something for the file. Do you have a letter or email requesting comments by a certain date?

Craig Hoffman
Project Manager

California Energy Commission

Siting, Transmission and Environmental Protection Division
1516 Ninth Street, MS 2000
Sacramento, CA 95814-5512

phone: 916-654-4781
fax: 916-654-3882

From: Maggie Fitzgerald [mailto:MFitzgerald@sierraresearch.com]
Sent: Tuesday, March 05, 2013 8:41 AM
To: Hoffman, Craig@Energy
Subject: CPV Sentinel - COCs

Hi Craig,

Below is the list of COCs and brief explanations of what I would like to discuss with you. After you've had a chance to review let's plan to discuss -- maybe at 10:00?

11. COMPLIANCE-12, On-site contingency plan (unplanned temporary closure) due 60 days prior to commercial operation. Do you have an example of this type of plan?
12. COMPLIANCE-13, On-site contingency plan (unplanned permanent closure)
13. TRANS-2, Operation parking plan. COC requires submittal to the County of Riverside for their review/approval, then submit to CPM for approval. I think the parking plan is complete and was included in a CBO-approved drawing. Is County involvement required?
14. VIS-3, Landscape Plan. COC requires County approval and CPM approval. How can we close this out since there really won't be landscaping?
15. VIS-1.4 and VIS-2.4, provide notification to CPM that surface treatment and lighting are complete. Does CPM need to inspect or is this just a notification?
16. TSE-1, 2, 3, 4, 5, 6, 8. Can these be considered "closed and complete"?
17. WASTE-3, abandoned well. All ground disturbance is done so it is not likely that an abandoned well will be discovered on site. Can we consider this "closed and complete"?
18. SOIL&WATER-12, ZLD Management Plan. Do you have an example of what this Plan might look like?
19. WORKER SAFETY-2, Emergency Action Fire Prevention Plan. COC required submittal to CEC and Fire Department. Fire Department has not yet responded and we aren't sure they will respond. Can we consider their lack of response as "no comments"?
20. WASTE-9, Operations Waste Management Plan. COC required submittal to CEC, DTSC, and RWQCB. If DTSC and RWQCB don't response, which they haven't, can we consider their lack of response as "no comments"?

Let me know if 10:00 works for you. Thanks
Maggie

Maggie Fitzgerald
Sierra Research
1801 J Street
Sacramento, CA 95811
MFitzgerald@sierraresearch.com
Cell: 949-514-5655

ATTACHMENT 18

NTC AND NOV DOCUMENTATION

The Sentinel Energy Center did not receive any complaints, notices of violation, official warnings, and citations during the reporting period.