DOCKETED					
Docket Number:	07-AFC-03C				
Project Title:	CPV Sentinel				
TN #:	231033				
Document Title:	e: SEC 2018-2019 ACR 07-AFC-3C				
Description:	Sentinel Energy Center 2018-2019 ACR				
Filer:	David Wells				
Organization:	Sentinel Energy Center				
Submitter Role:	Applicant				
Submission Date:	12/10/2019 9:36:07 AM				
Docketed Date:	12/10/2019				

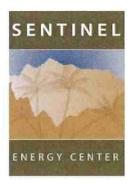
# SENTINEL ENERGY CENTER 07-AFC-3C ANNUAL COMPLIANCE REPORT – NUMBER 6 REPORTING PERIOD: SEPTEMBER 1, 2018 – AUGUST 31, 2019

Prepared for

### **CALIFORNIA ENERGY COMMISSION**

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September 2019



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# **TABLE OF CONTENTS**

Se	ction			Page
1	CON	MPLIAN	NCE MATRIX	1
2	CUF	RENT	PROJECT OPERATING STATUS	1
3	REC	UIRED	DOCUMENTS SUBMITTED WITH THIS REPORT	1
	3.1	AIR Q	UALITY	1
	3.2	BIOLO	OGICAL RESOURCES	1
	3.3	HAZA	RDOUS MATERIALS	2
	3.4	WAST	TE 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	
		3.5.6	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	
	3.6	TRAN	SMISSION LINE SAFETY AND NUISANCE	
	3.7	VISUA	AL RESOURCES	9
4	POS	T-CERT	rification changes	9
5	DEL	INQUE	NT SUBMITTALS	10
6	FILI	NGS O	R PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES	10
7	UPC	OMINO	G COMPLIANCE ACTIVITIES	11
8	LIST	TING O	F THE YEARS'S ADDITIONS TO THE COMPLIANCE FILE	12
9	UPD	ATES T	TO FACILITY CLOSURE PLANS	12
10			ITS. NOTICES OF VIOLATIONS. WARNINGS AND CITATIONS	

## **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 & 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

The Sentinel Energy Center (Sentinel) facility is operating normally and there were no significant changes to the facility operations 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 (2018/2019) 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

Maintenance activities were conducted in June 2019 and included the following:

Crystallizer recirculation pump seals and spool pieces replaced

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. Further, all reclaimed water use at the PSNGC can be considered in equal parts a savings of groundwater.

Attachment 14 includes a summary of PSNGC reclaimed water use during the reporting period and a program to date total based on data provided by DWA and provides a breakdown of groundwater saved on a monthly basis, 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 6<sup>th</sup> 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 and the Annual Water Use and Conservation Summary Report to provide an overall summary of the total water use and conservation measures met by Sentinel.

### 3.6 TRANSMISSION LINE SAFETY AND NUISANCE

In accordance with Condition TLSN-2, Sentinel confirms that there have been no linerelated 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, other governmental agencies during the reporting year.

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

SCAQMD Quarterly RECLAIM Emission Reports (QCER)

- 3rd Quarter, 2018 submitted 10/23/2018
- 1st Quarter, 2019 submitted 4/26/2019
- 2nd Quarter, 2019 submitted 7/26/2019

### **CEC Quarterly Operation Reports**

- 3rd Quarter 2018 submitted 10/29/2018
- 4th Quarter 2018 submitted 1/29/2019
- 1st Quarter 2019 submitted 4/26/2019
- 2nd Quarter 2019 submitted 7/25/2019

SCAQMD Rule 218.1 Semi-Annual CO Excess Emission and Monitoring System Performance Reports, submitted 1/23/2019 and 7/30/2019

NSPS Semi-Annual NOx Excess Emission and Monitoring System Performance Reports, submitted through (SCAQMD Quarterly RECLAIM Emission Reports (QCER)

- 3rd Quarter, 2018 submitted 10/23/2018
- 1st Quarter, 2019 submitted 4/26/2019
- 2nd Quarter, 2019 submitted 7/26/2019

Title V Semi-Annual Monitoring Reports, submitted 2/18/2019 and 8/29/2019

Title V Annual Compliance Certification, submitted 2/18/2019

SCAQMD Annual Permit Emission Program (APEP) Form, submitted 2/27/2019

SCAQMD Annual Emission Report (AER), submitted 3/12/2019

Annual GHG Emission Report to the EPA, submitted 3/26/2019

Annual GHG Emission Report to the CARB, submitted 3/26/2019

### SCAQMD CEMS RATA Reports

- 4th Quarter 2018 submitted November 28, 2018
- 1st Quarter 2019 submitted May 24, 2019

### EPA Quarterly/Annual Acid Rain electronic reporting

- 3rd Quarter 2018 submitted October 2018
- 4th Quarter 2018 submitted January 2019
- 1st Quarter 2019 submitted April 2019
- 2nd Quarter 2019 submitted July 2019

### 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

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

### 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 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
- Annual SWPPP and Storm Water Discharge Reports
- Water Conservation Measures Reporting
- Department of Toxic Substances Control Verification Questionnaire
- · Sulfur hexafluoride (SF<sub>6</sub>) 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. Insurance coverage renewal is effective through July 2020.

### 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 received one Notice of Violation (NOV) from the SCAQMD during the reporting period, as described below.

NOV Number: 66063, dated 3/18/2019. The NOV was received because of the following:

Failure of facility permit holder to comply with permit condition A195.1 exceeding the CO emission limit of 4 ppmv in device D31.

Sentinel sent Form 500-N to the SCAQMD and has fulfilled the requirements of the NOV. No additional remediation was required. A copy of the NOV and Form 500-N is provided in Attachment 18.

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

Sentinel Energy Center 07-AFC-3C Annual Compliance Report – Number 6
ATTACUMENT 4
ATTACHMENT 1
CEC COMPLIANCE MATRIX

	On-going	On-spring	On-going	On-going	On-gothg	Orgaling	BujoB-40	On-going	On-going	On-going
Submitted to Control (Control				4723/2013		2/13/2013				
Submitted to CEC-CBO or \$ABOTE?				4722/2013	172/2013	2/13/2013				
Date Curcin CCC CON	Quarterty	Quarterly	Quarterly	Quarterty	Armustly	03/01/14	Quarterfy	Quarterly	Quarterly	Quarterly
altranti	No later than 30 days following the end of each calendar quarter par AQ-SC9	No later than 30 days following the end of each calendar quarter per AQ-SC9	PReporting too later than 30 days following the and of each calendar quarter per AQ-SC9	TE statement to less than 30 days after installedon: Reporting to later than 30 days following the end of geath reliender quenter per AQ- SCB.	Almunity	No later than 80 days following the end of each calendar year	No later than 30 days following the end of each calendar quarter per AQ-SQ3	No later than 30 days following the end of each calendar quarter per AC-SC9	No later tran 30 days following the end of each busineds: Quarter per ACL-SCQ	No ster than SO days following the end of each celendar quartor.
Auto, polos de parines i militargunjus comajusto.	The project center 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 querienty basis in the quarterly emissions report.	The project owner shall submit to the CPM for approval all fuel usage records on a quanterly basis as part of the quarterly emissions report of Cendizion of Certification AQ-SGB.	The project owner shall include ammonite sitic concentrations are negad on an hourly basis as part of the Charletery Openational Report required in Contilion of Confliction for Confliction of Conflicti	The project owner shall solonit to the CPM no less than 30 days after installation, a written statement by a California registered Professional Engineer sating that said engineer has reviewed the specific solonity of the professional Engineer statement in the spongrade devices tract because the bloomed supporting the properties that the appropriate devices trace been installed and are fundeding property. The project covers shall submit all deleas of operation, a lepsed time in hours, and the reason for each operation in the Quarterly Operations Report (AGSCG).	The project owner shall submit evidence of sufficient RTCs to the CPM demonstrating compliance on an armual basis as part of the amual compliance report.	The project correctoperator shall submit to the CPM no later then 80 days fellowing the end of earth celebrates year, the SCACAINT required (via Rule 2004) Quantarity Certification of Emissions (or equivalent) to each quarter and the Annual Permit Emissions Program report (or equivalent) as presurbed by the SCACAIND Executive Officer.	The project senser shall subnot to the CPM for approval all entitiations and entitletion calculations on or quarterly business to a quarterly business report of Condition of Cartification Ad-SCO.	I he project <i>curret strait</i> surrint to the CPM for approval all emissions and emission calculations to a quarterify basic as part of the quarterify emissions report of Condition of Certification AC- SICS;	The project owner shall submit to the CPM for approval all field usage records on a quarterly basis as part of the quarterly emissions report of Contilion of Certification A.C. SCB.	The project owner shall submit to the CPM cooling tower recirculating water quality leads or a summary of confirutus monitoring results and daily welculating water flow in the Quanterly Cheardon's Robot (Ad-200). The project cover uses cannous monitoring of conductivity as an indicator for total desolved soils content, the project cover that submit data supporting the calibration of the conductivity make; and the conduction with total discolved soils content at least cone each year in a Quantarity Operation Report (AQ-505).
endizan	The project owner shall limit the emissions from each gas fired combustion buther train exhaust static.	The project owner shall keep records in a manner eparoved by the SCACIND.	The owner/operator shall calculate and confinuously record the ammonia (NHS) slip emission concentration from each exhaust stack for each gas turbine.	The project conner shall find the operating time of the frewaber purep to no more than 189.99 hours per years. The flewaber purep shall be equipped with a non-desatible elapsed metar to normally includate the elapsed coperating think of the engine.  The flewaber purp shall be equipped with a noncleastable tolkidizing that meter to accurately includate the business to provide a The flewaber business to the contrary and thum only diseas that the toortakes staff compounds less than or equal to 15 pinn by weight. An engine operating business that the toortakes are the contrary staff compounds less than or equal to 15 pinn by weight. An engine operating business that the toortakes that the pure the pure pure that the staff or the pure to operating the pure that the staff of persons and metal excellable to SCACAMD persons, and cPM upon negated. The project course shall keep records he manner approved by the Executive Officers considering of envergency uses fourse to operation, maintenance and leading flexats, other operating places (leading the sursaon for operation).	The project equipment shall not be operated unless the project owner demonstrates to the SQASARD Excustes offers that the featility holds unlikes the force to direct the protected annual SQASARD Excustes of the first complicator, year of operation, in addition, this equipment shall not be operated unless the project owner demonstrates to the Excustion force sequence shall not commencement of each or project owner, demonstrates to the Excustion Officer that, at the commencement of each or project owner demonstrates to the Excustion System of operation, the fibrility obtained sufficient RTCs in on amount equal to the amount emplaines year of operation, the fibrility shall sufficient RTCs in on amount equal to the amount emission increase. The project owner shall sufficient its such information to the CPM for approved.	The project connectoperator shall not produce emissions of oxides of hitrogen from the facility, including the firewater pump and all eight gas turbines conclined, that exceed the RECLAMI Trading foodles holdings required in Condition of Certification AG-18 within a calendar year.	Each controllusion turbine states statell itsees to following exercision infrastrons.  -1.5 ppm CO emission averaged over 00 influetaer in 5 percent congruin. dry basis, -1.5 ppm CO emission averaged over 00 influetaer it 5 percent congruin. dry basis, -1.5 ppm CO emission averaged over 00 influence at 15 percent congruin. dry basis, -1.5 ppm VIS emissions averaged over 00 influence at 15 percent congruin, dry basis.	The project corner 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 first the feet usage duting a cormissioning period from each turbine to no more than 301 minster of piceline quality than 135 and than 135 and the standardoling, units 1 through 6 shall bright owner than 452 minst the correlation of organization for the standardoling, units 1 through 6 shall bright be than 135 minst having no noncommissioning grant if he obsents shall meitath records a real manufaction do manufaction downersaries by a consider to secturably indicate and record for the standard applied to each turbine. The recorder to secturably indicate and record for feel usage perion graphed to each turbine. The remaining last shall focus covered MSS concernations of more than 126 stiffloed on as annual average of the monthly complete of gas composition or gas supplied documentation. The matural gas the is said to the standard or a structure of the sample shall be to select units (Platerica Reference Stiffs) for the tractural gas the said to the standard or the stan	The project conner stud perform quarterly cooling tower recinculating water quality testing, or shall provide for conditionate an endicettor, for total dissolved solids content.
SortCode	Seo	84	ops	CONOPS	SelO	SHO	OPS	SdO	<u>8</u>	S-GO
CECCOM #	,AQ-1	AQ-10	AQ-11	AQ-15	AQ-16	AQ-2	AQ-4	AQ-5	AQ-6	AQ-SC10

	On-going	On-going	grdog-riO	As Required	On-going	As Required	TBD
Control of the contro		4/20/2011					
Submitted to City (1990)		4720/2011	425/2013				
One Director	Quarterly	As Required	Quarterly	10/01/13	10/01/13	10/01/13	10/01/13
	No Sutar tran 30 days following the end of each calender quarter.	As Required, Within 5 working days of submittal, All rimodified air permits within 15 days of receipt.	No later than 90 days following the end of each callender quarter:	As Required	Ongoing	Within 10 days of receipt.	A least 12 months prior to commencement of a planned closure
	The project cwriter shall submit to the CPM daily cooling tower PM10 entesion estimates in the Caustrery Operation Report (AC-SCS).	The project owner shall submit any ATC, PTC, and proposed air permit modifications to the CPW within 15 worlding loge of its externible olibrist by 1) the project owner to an agency, or 2) evention forecoped modifications from an agency. The project owner shall submit all modified eis permits to the CPM within 15 days of receipt.	The project corner shall submit the Quantaity Operation Tepports to the OPM and APOO no later than 30 days following the end of each calendar quarter.	If a Designated Biologist mods to he replaced, the specified information of the proposed replacement must be submitted to the COPM at least 10 working days prior to the termination or releases of the presenting Designated Biologist, in an intergency, the project owher shall immodately notify the CPM 4 qualifications and approval of a short-form replacement white a permanent Designative Biologist is proposed to the CPM for consideration.	The project owner shall grant Energy Commission staff and dalegate agencies or consultants unrestricted access to the power plant silm.	The project owner shall report to the CPM, all notices, complaints, and citations.	The project owner shall submit a decoure plan to the OPM
	The cooling towers cally PM10 emissions shall be limited to 1820 Dickey in back in eligit scooling www.ce lols. The cooling towers shall be equipped with a drift eliminator to control the drift readon to 0,0005 general of the ofcusting water four. The project owner shall estimate daily PM10 emissions from the nocling towers shall estimate to the cooling towers the continuous monitoring data and daily ofrequiting water flow data collected on a quarterly backs.	The project owner shall provide the CPM copine of all District lieuaed Authority-to-Comstauct (ACI) and Permit-Lockshale (FT) Comstances for the Sealing.  The project owner shall submit to the CPM for review and approved any modification proposed by the project owner shall submit to the CPM for review and approved any modification proposed by confidence to any project at the Emit The project owner shall submit to the CPM any modification to any project specific proposed by the District of U.S. Erekronmental Protection Agentry (U.S. EPA), and any revised pormit issued by the District of U.S. EPA, for the project.	The project conner shall submit to the CPM Clusterly Operation Reports, following the end of sech submission experiences that the following the sensessary to advance that contributes an excessary to defence that contributes compliance with the Conditions of Centileosion hands. The Clusterly Operation Report will specifically note or ingilight incidences of Tonompliance.	Replacement Designated Biologists - The project owner strall ensign a Designated Biologist to the project. The project owner shall sushrist be resume of the proposed Designated Biologist, with at least 3 references and contact information, to the ECC Project Manager (CPM) for approval.	The CPM, responsible Energy Commission staff, and deligate agencies or contailants shall be glowarized and granted facilities, professes to the power burnt site, instituted facilities, professe affilt, and the records resistance or site, for the purposes of conducting audits, surveys, impression, or general site wisits, Although the CPM will normally stridedules also waits on classes and stitutes agreeable to the project coverer, the CPM reserves the right to make unannounced visits at any time.	Price to the start of construction, the project owner must send a lobar to properly owners living within owners living and the control and the start of construction and a start of control and the control of the control of the control of the control of the control owners are a start of the control owners and owners are a start of the start of control of the control owners are a start of the start of the control owners are a start of the start of the control owners are a start of the start of the control owners are a start of the start of the control owners are a start of the start of the control owners are a start of the start of the control owners are a start owners are a start of the control owners are a start owners are a control owners are a start owners and a start owners are a start owners are a start owners are a start owners and a start owners are a start owners are a start owners and and a start owners are a start owners and as a start owners are a start owners and a start owners are a star	In order to entate that a platined todaily obsains does not ensate achieves impacts, a docume processes that provides to treatful cardiopation of available options and arguments of closus, ordinaness, regulations, abstracts, and local/regions plans in existence at the time of closus, office the understand. The cardio argument of the control of th
	S-tO	COMODS	SHO	CONOPS	9	8	8
6 PE 00 00 00 00 00 00 00 00 00 00 00 00 00	AQ-SC11	A0-8 <i>Cl</i>	AQ-SC9	BIO-1.2	COMP⊔ANCE-1	COMPLIANCE-10	COMPLIANUE-11

Semis	Bulle	Ongoing	As Required	On-going	On-going	On-going	On-going
Target Common (Common	6/13/2013	5/13/2013					
Date Submitted to CEC GB0 or Agency	6/13/2013	6/19/2013					
Date Due to	1001/13	10/01/13	10/01/13	10/01/13	10/01/13	09/15/14	06/15/14
o description of the second	No less than 80 days prior to commercement of commercial operation	No less than 60 days prior to commencement of commercial operation	Pe resolution	Bujobug	ტიტისმ	Allenuty/Aquunal/	Acmusi
Verification Action Colonial Cartiers 5 y Project Const.	To ensure that public health and saffety and the environment are protected in the event of an unplanned temporary closure, the project owner shall submit an on-site contingency plan	inplanted permanent docure, the project owner shall submit an ore-site confingency plant.	The project owner must polition the Energy Commission to devise or change a condition of cellification, modify the project design or opsissional requirements and/or transfer ownership of permetional control or the stooling.	The project owner that maturain project files onable. Energy Commission staff and delegate agencies sitted to be files.	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such contition was eatlafted by work performed or the project owner or the agent.	The project owner shall submit a compliance matrix with each monthly and annual compliance report.	Atter construction ends and throughout the INe of the project. the project owner shall submit. Annual Compilance Reports Instead of Monthly Compilance Reports.
Committee Commit	In order to ensure that public health and safety and the environment are protected in the event of an experiment temporary facility descript, it is essential to have an order contrigonory plan in the protect of the contrigonory plan will help be ensure that all necessary steps in mitigate buble health and safety impacts and environmental impacts are black in the firely manner. The project of white steps in the contrigonory plan in the project contrigonory man and approved the minist be in plan or other types of the CPM, profet our Times man to contrigonory the CPM and the contrigonory and the project contrigonory and the project contrigonory and in contrigonory that in the project contrigonory and in the state of the project. In the arrival compilation with the CPM, and inductive the contrigonory plan in orders are will velock as breat decident to the state of the project in the advance of the project in the arrival compilation with the CPM, in contrigonory plan in order and in the project order in the arrival compilation with the CPM, in the contrigonory plan in order and in the project order in the arrival compilation with the CPM, in the depart of an uniquency plan in produce it is established by the CPM. In the event of an uniquence plan in place, it is established by the CPM, in the event of an uniquence plan in place, it is established by the cPM, in the event of an uniquence plan in the plan or order with a contrigonory plan in the plan and addity impacts and environmental impacts are taken in a unique proved by the contrigonory plan in the plan in the in plane. It is established and all times.	The on-site confingency plan required for uniquened temporary olosure simil also cover uncleaned permanent stality clearure. All of the requiencents specified for unplanned emporary clearer stall also supply to unplanned permanent oflosure. In addition, the on-site contriguency plan clear and address how the project covers will resure that all required clearure stope will be auconsetfully undertaken in the event of abandoment.	The project owner must pealton the Energy Commission pursuant to Tile 20, California Code of Pegulations, asceban 1788, in rotate in modified by project (ording linear sciellage) design, ordinate that or pealformance requirements, and to transfer owner mit or operational control of the finality, it is the responsibility of the project downer to constant the CPM to determine it a proposed project charge should be accretioned a project modification to the control of Regulators, section 1200.	For the life of the project, the project owner shall maintain project files on-site or at an alemative alse approved by the CPM, incluses a tease about of this is specified by the conditions of definition. The files shall contain copies of all seabuilt ensempts, all documents submitted as varification for conditions, and all other project-related documents.	Each condition of confiscation is followed by a meets of verification. The verification describes the Energy Commission's procedure(s) to enture post-certification compliance with adopted confiscar. The verification procedures, unlike the conditions, may be modified as necessary by the CPM.	A complains matrix shall be submitted by the project owner to the CPM along with each monthly and annual complainse report. The complainse matrix is intereded to provide the CPM with the turnent statute of all conditions of certification in a spreadsheet format.	After construction is complete, the brighest counter shall submit Annual Completence Reports instead of Monthly Completence Reports. The searchs are for each year of commercial operation and another to the CPM. Annual. Earth Annual Desire Annual Properties the Paper shall related the APC number, identify the reporting periou and shall contain the required information.
Sert Code	و «	8	8	8	8	8	SciO
#CCCOM(#	COMPLANCE-12	COMPLIANCE-13	COMPLIANCE-14	COMPLIANCE-2	COMPLIANCE-3	COMPLIANCE-S	COMPLIANGE-7

errus;	As Required	Orgoing	Сопріве	As Required	On-going (Monthly tracking and Annual Report)	On-going	On-going	On-going	As Required
Colono (Colono)		7/1/2015	5/12/2011			10/31/2012	10/31/2012		
CECICED OF		7/1/2016	573/2011			10/31/2012	10/31/2012		
e Do	10/01/13	07/01/15	06/01/11	1001/1/3	10/01/13	10/01/13	10/01/13	09/15/14	10/01/13
	As Required	умациу	On a weekly basis during ground disurbance	A least 30 days prior to any work performed	Monthly Tracking and Annual Compliance Report	At least 30 days prior to receipt of aqueous erranonia on site	At least 30 days prior to receipt of any hazardous materials on eixe	Burnes	Within five days of resolving a noise compliant.
remaining the control and the first integration of the control of	Any information the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit with a request for confidentiality.	Payment of Acrual Energy Facility Compilance Fee	A current schedule of anticipatind project activity shall be provided to the GRS and CPM by letter, e-mail, or fax.	Once the certificate of occupancy has been lesued, the project owner shall inform the CPM of sary protect by project conner shall inform the CPM of sary protections of any protection of the completed facility that requires CBO approvative connections with the above codes. The CPM will then determine if the CBO needs to approve the work.	The project corner shall provide to the CPM, in the Annual Compliance Report, a list of hazardoùs mahries contaîned at the facility.	The project owner shall submit copies of the motification letter to supply venciors inclinating the transport vehicle specifications to the CPM for review and approval.	The project sware shall submit to the CPM for review and approval oopies of notices to hazardous materials vendors describing the required transportation roules.	In the Annual Compliance Report, the project owner shall include a stablement that all current project end reproject and specific bedgerund investigations have been performed and that that cuttered carrierated are that underso carrierated carrierated and the underso carrierated search specifical to the operations searchly plan. In the Annual Compliance Report, the project owner shall include a statement that the for executive searchly Plan includes all current hazardous melatile is amport venior certifications for executive plans and employee background investigations makings is amount venior certifications.	The project owner shall fine a copy of the Noise Complaint Reaclution Form with the CPM, decumenting the resolution of the complaint. If nitigation is required to resolve a complaint, and the complaint is not resolved within a three-day perfort, the project counts shall submit an updated Noise Complaint Resolution Form when the mitgation is implemented.
Ampliants	Any information that the project owner deems confidential shall be submitted to the Energy Commission's Docksets Unit-with an application for confidentiality pursuant to Title 20, California Code of Regulations, eaction 2505(a), Any information that is determined to be confidential shall shap confidential as provided for in Title 20, California Code of Regulations, section 2501 et. seq.	Pursuant to the provisions of Serajon 25900(b) of the Public Resources Code, the project owner for serajustic to provide the project owner of the feet serajustic to pay an annual compliance for which is explained annually. The project to the feet serajustic feet serajust	As a minimum, the CRS shall consult weekly with the incrinst construction manager to confirm area(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 schilding of the communition to sease. No ground destinates shall court prior to CPM approved of maps and chawlings, unless specifically speroved by the CPM.	The project owner shall ensure that sail the provisions of the above applicable codes are enforced outing the construction, actition, alteration, moving, demotifion, repair, or maintenance of the completed featily (2007 CBC, Appendix, Chapter 1, § 101.2, Scope). All transmission facilities, (lines, awitchystes, switching stations, and substituting) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision.	The project owner shall not use any hazandous malaridas not island in Appendix A, or in greater quantities or stemptine than those identified by determinal name in Appendix B, unless approved in advance by the CPM.	The project conner shall cheat all vendors delivering acuscus announts to the afte to use only banker musk transport vehicles which meet or exceed the specifications of U.S. Department of Tensportation Code MC-907	At least 30 days print to receipt of any hazardous meanials on also, the project owner shall direct all vendors obselvening any intracedous material to the sate will travel on fusestate 10 to State Rouse to Dillon Road to the plant sile. The project owner shall obtain approval of the CPM if an alternate rouse to desired.	The project center shall fully implement the socurity plans and obtain CPM approval of any substantive medifications in this security plan.	Throughout the containmetion and operation of the CPV Sentinal project who project owner shall document, investigate, available, and attempt to recove all project-related mass completions.  **Libs the Nobe Completific Fedurations from Methods, or a functionally equativation procedures accordable to the CPM. to document and respond to each notice completing. A standard to the CPM and the contract he parasisfy making the notice completion with 2.5 hours or contact he parasisfy making the recognishing with 2.5 hours or contact he parasisfy making the scandard and the accordant to the completion of determine the source of incise related the completion.  **Take all feasible measures to require the noise at its source if the noise is project related; a Summary indicting the completion that the advanced determines, that indicting that an expensive the completion of setting that the noise problem is resolved to the completion to
Sort Code	33	00	၁၁	COMOPS	SdO	SHO.	SdO	S-0	SONNOD
CEC Condition	COMPLIANCE-8	COMPLIANCES	CUL-2.4	GEN-1.2	HAZ-1	HAZ-8	HAZ-7	HAZ-8.2	NOSE-2

### Attachment 1

### Table 1

**Compliance Matrix for CPV Sentinel Project** 

CEC Cond. #	Sort Code	Description	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Date Submitted to CEC, CBO or Agency	GEC/ 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 (SWIP) supplies acquired by DWA under its entitlements as a State Water Project contractor (Including DWA's Table A allocation and any surplus SWIP purchases) for its groundwater reglenishment programs. 3. The intalla 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 pursants to the Water Supply Agreement between CPV Sentinel and DWA, dated August 19, 2008. Recharge of additional water must comply with subdivisions a) and b) of this condition and must be approved pursant to SOIL&WATER-11 4. The applicant shall provide to the CPM an annual accounting of currulative water recharged on a femonthly basis throughout the operating.	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 punchaser and the selfer 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 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 Missian Creek spreading grounds. For clarification purposes of the condition, item a) in subcondition 3 references subcondition 2	Within 60 days of that approval of recharge of other water by the CPM	As Required	3/24/2014 (note CEC requested re- submittals 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;  8. Demonstration of the project owner's legal entidement to the water; C. Demonstration of CECA 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 CPM. The ZLD management plan shall include the following elements:  1. A flow diagram showing all waiter sources and westewaiter 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 wastewaiter disposal method to be implemented during periods of ZLD system shuddown or maintenance;  4. A maintenance schedule;  5. A description of on-site storage facilities and containment measures;  6. A table identifying influent water quality;	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 perspare at 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 infrastructurie is needed. In the annual complicance report, the project owner shall submit a status report on operation of the ZLD system, including dates and length of disruptions, maintenance activities performed, volumes 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 weste solids or brine comparing the constituent concentrations to the permit into of the landful. 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.		.09/15/14	8/26/2013	8/26/2013	On-going (
SOIL&WATER 14.3	OPS	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 SCIL&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 imagain 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 then 80 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 PSNGS no longer uses water.	As Required			As Required

social distribution of		Complete for Compl	Complete for analyses of effectiveness of intigation	Oraping	6 o
Podence and entire in		INTRADIA			6/29/2012
Spirit Statistics and Statistics	Date Submitted to CEC, CBO or	11/6/2013			626/2012
Action (Action)	Date Due to GEC GPM	Description (175	Annually	Annually	10/01/13
	Transfers (2)	to later than one years' after furthing implementation of the intriguition controller programs', Amusally	No later than one year effer funding implementation of the knigation controller program; Annually	within 8 months of the annual report	No later then 60 days after installation of each well at the project sits, submit a Well Completion Report
Compliance Matrix for CPV Sentinel Project	Verification Actions Laborated Technology	The project control shall do all of the following:  1 National shall be project control shall be projected the project control shall be projected that the projected shall be projected to the proj	Per direction from CEC, project conner will aboret 1) letter from DWA explaining why imgestion controller program is not effective, 2) DWAb, provide letter with decorption of elements weater conservation projectly including CEV paymont(s) and estimated water servings.	For each year following the commercial operation date, the project owner shall provide an Annal Counciliators Report, an accounting of fresh water conservation counties for the problem authority of annual death water borders with contrastration channels are inclosed by the water conservation translates are inclosed in the water conservation between the performance measures included in the profession with the fresh water performance with the fresh water performance measures included in the profession to children to perform the residence of the provised viber of the residence plan which is month to the armsal report 2. Obtain CPM approval of the residence plan water conservation projects on the exhibition dending in the approved plan tracking fine water conservation frequencies for the confidence of the conservation requirements of 1. A and 16 of this condition.	No later than 60 days after installation of each well at the project site, the project conner shall season to that the would will stabilists a compared to the DRA with a scopy provide to the CPA. The project conner shall submit to the CPA that operate with a scopy or to the DRA with a scopy provide to the CPA. The project conner shall submit to the CPA that operate with the Well Composition Report as export of which connected the Well country of proposed well controlled to the operation proposed with controlled to the controlled to the controlled to the CPA that of they proposed well construction or operation promit charge the Well that (10) days of submit completed well controlled well controlled to the controlled to the CPA in the amount compliance when the controlled to th
Con	Demokrati	in secondence with the VIOP the project covine will find intertaint by DVIA-ci triggation controllies in easting medicance and businesses in OVIA sarvice area is ablieve first water consequence constitution for the VIOP. This post which consequence and safficient for DVIA triangues are a statistic businesses or residence to consequence area at outsing businesses or residence to conserve a screen institution of 4,000 impairs controlliers in the services area at outsing businesses or residence to conserve a screen institution of 4,000 impairs controlliers in the services or consideration of the conserve and experiment 400 to 700 screenists of conserve and experiment 4	<ol> <li>Cause DWA to complete an evaluation of the effectiveness of the intgation controller program using methods shriller to those used by CVVVD in their Final Report dated June 21, 2007 or other methods to be approved by the CPM.</li> </ol>	The project conner shall perform the following:  1. Provide amainst imporified as baseas without the field without the connervation benefits antieved by important imporing a baseas without the first and solida. Whit The 1.5 have not the following the project commental operation benefits by the ond of the first important year belowing the project commental operation date, increasing by 100 APY in the project commental operation date, increasing by 100 APY annually over the absorption of the project commental operation date, increasing by 100 APY annually over the absorption of the project commental operation date, increasing by 100 APY annually over the absorption of the project commental operation due to the first annually over the absorption of the project of any deficit in meeting the water conservation hat will include the project of any deficit in meeting the water conservation the first of the profit of any desired or the project of the project of any deficit in meeting the water conservation the first of the project of any desired or the project of any desired or the project or the project of any deficit in meeting the area of the project or the projec	The project owner shall construct and operate up to the origins groundwater wells that produce was the Mission Construct. Schooling (MCS). The project owner was the Mission Construction of the Mission Construction of the Mission Construction and Mission of Construction and Mission of Construction and Mission and Construction permits and requirements. Pilor to initiation of Well construction activation, a project conver edual shorting was located construction activation, in accordance of the Construction activation, in a construction and construction requirements, are well as any origing an make to the presentation of the world and as any origing an make to the treation of the world.
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	CECCondist	SOLLWANTER 18.1	SOIL & WATER 15.2	SOILAWATER 16	SOILÄWATER-3.2

entra s	Ongoing	On-going (Asmual Report)	Complete	On-going (Morthly Bracking and Arrural Report)
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(Date) Ibinitaed to EC. CBD or Agency		3x6/2013		42852019
Date Dusics CCC conf	081514	10/01/13	Not Regulate	1001/13
aneapents.	During well construction and for the operational life of the well, submit proposed well construction or operation. Afternally, Schartic operation, where well morithfully composed to the following services. No later than filted (15) days dimension of the oneils water supply wells, submit documentation that well chilling subhittee were conducted.	At least 00 days prior to commercial operation, submit copy of the water supply agreement. Annually, submit summany of amount of water used for possible purposes	No later than 30 days after CPM reproved of the well earn down analysis. Companisation by Major 131 of each yaur of operation:	Monthly tracking and Annual azamiary, Al teast sably (61) days prior to commercial operation
Fourtherion Action Committee Continues Services S	During well comprusion and for the operational life of the well, the project owner shall:  1. Submit copies to the CPAL of any proposed well construction or operation changes.  2. Submit copies of wheat well more incomparable or the complime by the County of Playage to the CPAM the annual compliance input.  3. No last that effects of CPA and a CPAM and the ordis water supply wells, the project owner shall submit commentation to the CPAM and the RMCCB that well drilling submit commentation to the CPAM and the RMCCB that well drilling submit to the CPAM and the RMCCB that well drilling submit to the CPAM and the RMCCB that well drilling submit to the CPAM and the RMCCB that well drilling submit used to project drilling southers were removed in compliance with 23 CCPA section 2511(4).	At least 80 days prior to commercial operation of CEV Senthal project, the project owner shall submit to the CPM at copy of the water supply agreement, it applicable, and evidence that metering devices have been installed and are operational. Possible water use reporting may be beased on metartra from the aupplier.	The verification for compensation required for increased life shall be as follows:  1. No learn than 3d speak CPM appointed if the Well index-doman analysis to propel control and under the 3d speak CPM appointed in five wild index-doman analysis to propel control necessary compensation for energy costs associated with singlificant life qualitation decorporates and appointed in the speak covers indicating absorbite to the VMM all distillations along with they electricated appointed the well content and potent a uniform the well content in the supplications along with the supplication and potent a uniform of the well content in the calculations, and the view or the state of the compensation payment shall be made by Matrix 51 of each yate of those coperation of it for unperform only within 50 of speak electronistion is paid; the project owns with submit to the operation is work describing compensation is paid; the project owns with submit to the confidence when the provisions of this condition.	The project owner shall prepare an nentual summary, which will include identification of the wall or wells used, clarky gould-beater usage in galaxies per day, insolnum and maintenin daily usage. In for seal mouth, and mouth of the wall as acts mouth, and mouthly and obtained where of controllusts made of a monthly and drain all assis in accelerate. For years subsequent to the infalls year of operation, the armust aurimary will also include the yearly macritum and nicitium and yearly average water use by source. Calculations has the profession of the CPV Setting topied by the years of long prior OH commercial operation of the CPV Setting topied to the supplet cover shall destroute.  An advanced that making devices have been installed and are operational for process water supply and distribution.
anophicon)	The project owner shall construct and cosents up to the oristic groundwister walls that produce weather than the Malendon Least Construction of the Malendon Least Construction of the Malendon of walls researched to the Construction of the Malendon of walls constructed to the malendon of walls constructed to the malendon of wall constructed to the project of the malendon of wall constructed to the malendon of wall constructed in the construction product to the County of Reventio Orderines 802, containing all counterination, plants in the counted of Reventio County wall entire the malendon of the County of Reventio County wall required the two counts are wall constructed to the County of Revention of the week in the Revention of the New Internation of the Revention of the New Internation of the Revention of the Week Internation of the Revention of the New Internation of the Revention of the New Internation of the New Internat	The project owner shall use potable water supplied by one of the following; (1) Mission Springs vives: Loszlet (MSVN) C2) onthe works. The annual use of potable water shall not avosed 2-sarth-east per year. If MSVNO or onable wells, the annual use of potable water shall not project owner shall monther and record in against a pet day the turn's during or potable wells are the source of gotable weater, the project owner shall monther popular their between the project owner shall monther potable. There is no the care of potable weater for commercial operation in the project owner shall eather intestitial and manatam meeting develore as part of the weater apply and distribution system or waitly that the water rapple will provide meatering allowing the project owner to document project water use as required. The metarting devices:	Where it is determined that the project owner shall refinitures a prioritis well country to increased energy obtain duralized sits a health of analysis partnermed in Condition of Cristification. SOLLWATER, the project owner shall salutate the commerceation owed to any cover of any improved when the country owner of any improved on the country of the co	The CPV Sentine Project shall use groundwater produced by the project shall no possible plant construction and process uses during peasated notificing coasing and binding coasing and bindingen, and the binding coasing the binding coasing and bindingen, and produced by groundwater for commercial operation, the project connect stall install and maintain meating devices as part of the operation of the project connect stall install and maintain meating devices as part of the operation of the project connect of sold be provided to the project connect of sold be provided to the project connect of sold be provided to the project connect and the project connect and the project connect and the project connect of sold be provided to the project connect of sold be provided to the project connect of sold provided to the project connect of sold by the surposit of the project connect of sold provided to the project connect of sold project connect of sold project connect the project connect of sold project connect of water that may be nonclass in the bind amount of what the project connect of water that may be connected to project process needs since to excurrently all sold to the project connected of project process needs since to excurrently all sold to connected of project process needs since to excurrently all sold to connected of the project connected of project process needs since to excurrently appearable to the connected of groundwater reasince the connected project process needs since to excurrently of groundwater reasince the connected of groundwater reasince the commercial connected with groundwater reclaims and an accumulation of groundwater reclaims and an accumulation of groundwater reclaims and the accuming and the accuming and the accuming and the soluming are reclaims and the soluming and the
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New York	On-going	Complete	On-going	On-going (Annual Report)	As Required	On-going (Annuel Report)	Complete	On-going	On-going (Monthly tracking and Annual Report)
Appropries		77/9/2013					3,52013		
Date Submitted to GEC CBO of Agency		928/2013						Muliple	<u> </u>
Deta Due CEC CPM	09/15/14	E// 0/800	09/15/14	<b>09/15/1</b> 4	10/01/13	09/15/14	Annually	Monthly	10/01/13
engent)	јеплау	White Go days after completion of the resistent and	Asmuel	Jenua <i>j</i>	48 hours of receiving complaint	успилу	Brusy	Konthly	Monthy tracking and Amual Compliance Report
	At reports of line-related complaints shall be summarized for the project-related tines and inclided during the first five years of plant operation in the Armual Compliance Report.	The project connected life copies of the post-energization material material and the CPU. These integrations and the cardiological considered and that their than do months after the start or operations.	During the first has years of plast operation, the project corner shall provide a summary of impection results and any the provide a summary of impection results and any the prevention activities carried out along the right-of-way and provide such summaries in the Annual Compilance Report.	The project owner shall provide a status report regarding surface treatment maintenance in the Armusi Compilators Report. The report shall specify a): the conditions the surfaces of all structures and buildings at the end of the reporting year, pimaintenance are devises that occurred during the reporting year, and c) the schedule of maintenance activities for the next year.	Within 48 hours of recalving a lighting complaint, the project owner shall provide the CPNs with a complaint resolution form apart as specified in the Complainte General Conditions, including a proposal to readow the complaint, and a subsolute for implementation. The project covers shall result to e-CPNs within 48 tocas after complaints implementation of the proposal. A copy of the complaint resolution from report shall be subnitised to the CPNs within 30 days.	The project owner shall provide a status report regarding permanent-exterior lighting in the Annual Compilatore Report. The report shall speadly shy 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 devilations from the lighting plan for the next year.	The project corner shall report annicease maintenings activities, including replacement of dead or dying separation, for the provious year of coemisting in each Arruna Complaints. Report	The project owner shall submit to the CPM a copy of documentation showing appropriate deposed of the ZLD societs	The project cowner shall also obcument in each annual compliance report the actual volume of westake appearate and are where the responsibility of programmer of the properties of the shall related to a comparison of the actual waste generated and management improble are sent as comparison of the actual waste generated and management in the properties of the actual waste generated to an order of the properties of the actual waste generated and management is expensed by the properties of the critical sent and properties of the actual waste generated by the actual control of the critical sent actual sent and the properties of the propert
and control of the second of t	The project contex shall ensure that every responsible effort is made to identify and correct, on a class-spendio basis, any complaints of interference with natio or television signals from operation of the project-entext for said an associate exterthyerd. In project course from all methods with the records for a period of five years, of all complaints of dialo or basishab handernos attributelie to line operation together with the corrective edictor blean in response to each complaint.	The project ownite shall use an individual experimental in meaburing EMF according to the functional which will be a such an individual experimental or Electrical and Electrical Engineers, (ASSIGEE) and and and a such an experiment of the such an advantage of construction to mission to be stronglished the selectric and meganic folials strong the first properties to mission the stronglish of the selectric and meganic folials stronglish to the selectric and meganic folials stronglish to the selectric for many members of the selectric and after selectrical and after se	The project owner shall ensure that the rights-of-way of the proposed transmission line are kept free of combustible material.	The project owner shall that the surfaces of all project structures and buildings visible to the buble so that their colors micrimize visual intuition and contract by denoing with the desant lantecape in both polor and value, b) their colors and finishes do not once a excessive glant; and b) their opions and finishes are comistent with local policies and entimoses.	Project Owner shall resolve all lighting complaints	Project Owner shall resolve all lighting complaints.	The project connicrated develop a lendscape plan their, a) roduces the viability of the project from the south and veet. I) still take drought beard tendscaping and incorporate advances duright conditions in require represent and a positive to a continuous metals of the viewide County, including policy VIVOXPC 12, 44 which roquires sourcenting and/or includiately of a developer County, including policy VIVOXPC 12, 44 which roquires sourcenting and/or includiately of advanced sorting areas; such as contractor strategy large similar, Less Plantings on the south side of project to project by residents that he is to the south and which project.	At a minimum, the project owner shall conduct amougle manyees of the solids readure from the 2L.0 process to determine if the solids are hazardous or nort-hazardous and ensure appropriate disposal of the solids residue. The project owners shall also confuct analyses of the ZLD solids after any change in water supply to determine if the solids are hazardous or nor- hazardous.	The project cover shall submit amual compliance reports to the CPM dictatinating the annual Volumes of wastes generated and the method used to make up as a case generated, such as recycling or disposal. If such waste are disposed of dissis, the disposal facility(s) name and address shall be included in the report.
Sort Code	SHO	8	SHO	SdC	OPS	s do	SdO	SdO	SdO
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		The project owner shall document tell unauthorized spile or releases of hozarcious sticiganoes, materials or version shall occur on the project property or tell-sed pjestine and tell-sezurations contiders. Copies of the unauthenteed spill documentation shall be provided to the CPM.	و لا
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	l bgou	The project owner shall ensure that spills or releases of hazardous substances, inzardous reproject swellings of the project swellings and the project swellings of the project swellings are project of selections and selections that swellings are consequently under the supprised or a California Fredericated Operation of a California Fredericated Operation, and in supprise and in accordance with the nequirements of the Sylvesiae Courty operations of the Sylvesiae Courty operations of the State of the transfer of the state of the transfer of the selection of the state of th	Upon becoming aware of any impending weate memberenent-maked enforcement action by any topolost desiral authority, the project countries are project countries. The critical mostly the CPM of any such action taken or proposed to be taken against the project owner shall not waste healer of disposal facility any changes that would be required in the way project-related wastes and managed, or beatment operator with which the project contracts.
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Sentinel Energy Project 07-AFC-3C Annual Compliance Report – Number 6	
Control Lingsy : roject of 7th C 66 runness Complication (1989): Premisor C	_
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ATTACHMENT 2	
EVIDENCE OF RTCs (PER AQ-16)	



### SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

**RTC Transfer Confirmation** SCAOMD RECLAIM ADMINISTRATION P.O. BOX 4830, DIAMOND BAR CA 91765-0830 SELLER ID: 152707

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.

Recording Date: 7/24/19

Pollutant: NOX

BY: .....

Registration No: 14070

TRANSFER FROM:

TRANSFER TO:

Company Name: SENTINEL ENERGY CENTER LLC

TAUBER OIL COMPANY

Facility ID:

152707

700153

Signing Representative: Mark Mcdaniels

Earl Thomas

55 WAUGH DR. SUITE 700

Mailing Address: PO BOX 1328

HOUSTON, TX 77007-

DESERT HOT SPRINGS, CA 92240-

Te	rms of RTC T	ransferred	Original	Quantity	<b>Unit Price</b>	Use	Generation	Account	Origin of
Cycle	From Compliance Year (*)	To Compliance Year (*)	Zone	(lb/yr) (\$/l	(\$/lb)	Code	Code	Source	Credits
2	6/30/2019	Single Year Trade	COASTAL	36,568	0.8100	03	03	Α	REGXX
2	6/30/2019	Single Year Trade	INLAND	8,432	0.8100	03	03	Α	REGXX

(\*) RTC Expiration Date

Approved By:

(Signature)

MIR DEJBAKHSH

ASSISTANT 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



### SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

**SELLER** ID: 152707

**RTC Transfer Confirmation** SCAOMD 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.

Recording Date: 1/25/19

Pollutant: NOX

Registration No: 13949

TRANSFER FROM:

TRANSFER TO:

Company Name:

SENTINEL ENERGY CENTER LLC

TAUBER OIL COMPANY

Facility ID:

152707

700153

Signing Representative:

Mark Mcdaniels

Earl Thomas

Mailing Address:

PO BOX 1328

55 WAUGH DR. SUITE 700

DESERT HOT SPRINGS, CA 92240-

HOUSTON, TX 77007-

Ter	ms of RTC	Transferred	Original	Quantity	Unit Price	Use	Generation	Account	Origin of
Cycle	From	То	Zone	(lb/yr)	(\$/lb)	Code	Code	Source	Credits
"	Compliance	Compliance		1					į
	Year (*)	Year (*)		_					l <u></u>
1	12/31/2018	Single Year Trade	COASTAL	90,000	0.5280	- 03	03	Α	REGXX

(\*) RTC Expiration Date

Approved By:

(Signature)

AMIR DEJBAKHSH

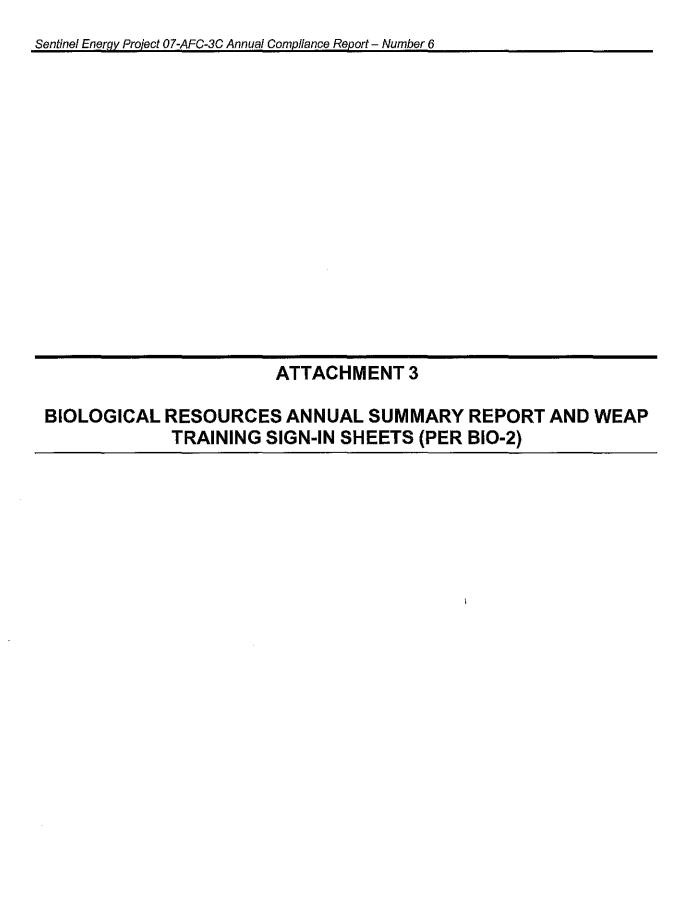
Assistant Deputy Executive Officer Engineering & Permitting

Code Description:

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

Generation Code (03): Production Decrease

Account Source ( A ): Allocation



# Sentinel Biological Resources Annual Summary Report

Dates covered: September 1, 2018 – August 31, 2019
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):
Regularly detected wildlife includes, Rock pigeons (weekly or daily, throughout the reporting period) and various insects including Arachnid (spiders), Apomyrma (ants), and Apis (bees) species.
Other: None
Any wildlife injured or killed? No X Yes (If yes, describe below) No wildlife injuries or deaths have been observed or reporting during the reporting period.
Compliance Observations and Issues:
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:



Rev: 1 Dat	e: 06/19/17	Training Program	7101.03-SEC-TOL
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Program Title:	Site	SHOFE	+RAINING U	ideo/wenp	TRAININ
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DGC Operations, LLC	

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

Rev: 1 Date:	06/19/17		raining Prog	<u>ram</u>	7101.03-	SEC-TOL
Note: Attach re	levant train	ing materia	als (syllabus	s, handout, worksheet,	exam, etc.) bef	ore filing.
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Instructor:	-	TAN WOO	e train	0		
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Comments:						
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Rev: 1	Date: 06/19/17	Training Program	7101.03-SEC-TOL

Program Title:	WEAP &	yproyer	prairie		
nstructor:	JASMI	'Ne Ode	PRAINIV		
Date:	7.31.18				
Employee Name	Initials	Date	Employee Name	Initials	Date
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Rev: 1	Date: 06/19/17	Training Program	7101.03-SEC-TOL
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Program Title:	INIT	IAL H	IRE-	SACS TY DRIENTA	TION & WAR	AP
Instructor:						
Date:						
Employee Name	Initi	als	Date	Employee Name	Initials	Date
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Adribly Hernand	WZ A	tt	2/11/19			-
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71						
Training Lesson Plan:  SITE SAFETY  Materials and Training  SENTINGL L	Once	:		WEAD REQU		
Materials and Training  SENTINGL L  Topics Discussed:	Aids Used	: Lisa	<b>~</b> &Y			
Materials and Training  SENTINGL L  Topics Discussed:	Aids Used	: Lisa	<b>~</b> &Y			
Materials and Training  SENTINGL L  Topics Discussed:  INITIAL	Aids Used	: Lisa	<b>~</b> &Y			
Materials and Training  SENTINGL L  Topics Discussed:	Aids Used	: Lisa	<b>~</b> &Y			



Pave 4	Date: 06/19/17	Training Program	7101.03-SEC-TOL
LGA:	Date: Comann	i raining Program	/ 101.03-3EG-10L

Program Title:	Initial Hire - Site Safety Orientation, WEAP							
Instructor:	Power Point Presentation(s) 06/17/2019							
Date:								
Employee Neme	Initials Date Employee Name Initials Date							
Employee Name		·   · · · · · · · · · · · · · · · · · ·	Employee Name	IIIICIAIS	Date			
DAVID WOUS	Pwm	6-17-19	ļ					
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Training Lesson Plan	1:		<b>.</b>					
		d WEAP tr	aining as required for n	ew positions.				
175 - 18   17   18   18   18   18   18   18					<del></del>			
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<b>Materials and Trainin</b>								
	on and WEAP vide	o/PowerPo	<u>int</u>	·····				
Site Safety Orientation								
Site Safety Orientation		·····						
					,- <del></del>			
Site Safety Orientation Topics Discussed:								



## 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:	WEAP Training		4444		
Instructor:	Power Point Pr	esentation (	(Video)		
Date:					
Employee/Name	Initials	Date	Employee Name	Initials	Date
Lello Deloc	- QC-	8/13/19			
Jes Jeson					
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Training Lesson Plan:	ining by watables	the video	·		
Complete the WEAP Train	ining by watering	tile video.			·
	·				
Materials and Training A	ids Used:				
Power Point and Video P					
Topics Discussed:					
Overview of biological control co	gical, cultural, ar	nd paleonto	ogical resources.		
Proper precaution					
LAWS AND REG	ULATIONS				
Campanta					
Comments:			<u> </u>		

Sentinel Energy Project 07-AFC-3C Annu	al Compliance Report Number 6	
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	ATTACHMENT 4	
LIST OF HAZ		
LIST OF HAZ	ATTACHMENT 4  ARDOUS MATERIALS (PER HAZ-1)	
LIST OF HAZ		2
LIST OF HAZ		
LIST OF HAZ	ZARDOUS MATERIALS (PER HAZ-1)	
	ZARDOUS MATERIALS (PER HAZ-1)	

		Hazardo	us Materials /	And Waste	s Inventory	/ Matrix	Report			
Facility Name Sentinel	tinel Energy Facility Energy Center, LLC issa Ln, North Palm Springs 92258			Chemical Loca ADMIN BI TRANSFO	LDG - AUXIL	IARY TRA	NSFORMERS (2		10561690 ID FA0039040 Submitted on 2/26	5/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	s
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS_CAS No.
	DIELECTRIC FLUID (ENVIROTEMP FR3 FLUID) CAS No	State Liquid Type	Storage Container Other Days on Site: 365	550 -	1100 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	VEGETABLE OIL	99 %	

Page 1 of 24

Facility Name Sentinel E	nel Energy Facility nergy Center, LLC a Ln, North Palm Springs 92258	Hazardo	us Materials /	Chemical Loca	ation		Report	CERS ID Facility I Status	10561690 D FA0039040 Submitted on 2/2	6/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	Hazardous Components (For mixture only)		
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
OOT: 8 - Corrosives (Liquids and Solids)	CAS No.	Liquid Type	4260 Storage Container Other Days on Site: 365	71	4260 Pressue Ambient Temperature Ambient	- <u>Waste Code</u> -	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific	SULFURIC ACID	30 %	<b>√</b> 7664-93-6

		Hazardou	ıs Materials A	and Waste	s Inventor	y Matrix	Report			
Facility Name Sentinel E	nel Energy Facility nergy Center, LLC ia Ln, North Palm Springs 92258			Chemical Loca	A STORAGE	AREA		CERSID 1056 Pacility ID. FA00 Status Submi	39040	6/2019 7:58 AM
				Quantities		Annuai Waste	Federal Hazard		s Component ixture only)	5
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	AQUEOUS AMMONIA <u>CAS No</u> ✓EHS	Liquid /	264003.66 Storage Container Aboveground Tank Days on Site: 365	92880	216720 Pressue Ambient Temperature Ambient		- Physical Flammable - Health Acute Toxicity - Health Serious Eye Damage Eye	AMMONIA, ANHYDROUS	19 %	<b>√</b> 7664-41-7

		Hazardo	us Materials A	nd Waste	s inventory	y Matrix I	Report			
acility Name Sentinel Er	nel Energy Facility nergy Center, LLC a Ln, North Palm Springs 92258			Chemical Loca				CERS ID 1056169 Facility ID FA00390 Status Submitted	40	6/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	Hazardous Con (For mixture	-	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	- Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Biocide (CHEMTREAT CL2156)  CAS No	***************************************	<b>1200</b> Storage Container Aboveground Tank	150	1200 Pressue Ambient	Waste Code	- Health Acute Toxicity - Health Skin	5-CHLORO-2-METHYL-4- ISOTHIAZOLIN-3-ONE 2-METHYL-4-ISOTHIAZOLIN-3-ONE		26172-55-4 2682-20-4
		Type Mixture	Days on Site: 365		Temperature Ambient	<del></del>	Corrosion Irritation - Health	MAGNESIUM NITRATE MAGNESIUM CHLORIDE	2 % 1 %	10377-60-3 7786-30-3
							Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			

		was an end of the same of	Sold or on another brook at a condition	อโลก โดย โ <b>ละ</b> เกิดสังเกียกใช้ (โกลกัก	Published Track 2005 and the second	Check Const. (Check Const.)	en tilbrak i Norther og L. Ville i statis	The service of the Land Section 1941.	the second the transfer with a work and	1 Maria Administra
ERS Business/Org. CPV Senti	nel Energy Facility			Chemical Loca	tion			CERSID	10561690	
acility Name Sentine! E	nergy Center, LLC			AT EACH I	JNIT HAZAR	RDOUS MA	TERIALS STOR	AGE AREA Facility	D FA0039040	
15775 Melis	ia Ln, North Palm Springs 92258	, ALGERIAN Proposition				100000		Status	Submitted on 2/20	/2019.7-59 AM
		14 mag 12 mag 12 mag 13 mag		- 15 M. A. S. P. 18 F. S. S. M.			and the second of the second of the second		Hazardous Components	<del></del>
				Quantities		Annuai Waste	Federal Hazard		(For mixture only)	•
OOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
OOT: 2.2 - Nonflammable Gases	<del></del>			100	3200		- Physical Gas	NITROGEN	81 %	7727-37-6
				100		Silanto Caria	Under Pressure	OXYGEN	24%	7782-44-7
	(HYDROGEN/NITROGEN/OXYGEN		Storage Container	-		vvaste code	- Health Simple	HYDROGEN	4 %	1333-74-0
	}	Gas	Cylinder		> Ambient		•	MANOGEN	7 /0	1333-14-0
	•	Туре			Temperature		Asphyxiant			
	CAS No	1,00								

Printed on 2/26/2019 8:02 AM Page 5 of 24

		Hazardous	Materials	And Waste	Inventory	/ Matrix	Report			
Facility Name Sentinel E	nel Energy Facility nergy Center, LLC a Ln, North Palm Springs 92258			Chemical Loca Chemical	<sub>tion</sub> skids- genei	rating un	its	Facility ID.	10561690 FA0039040 Submitted on 2/26	5/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard		zardous Components (For mixture only)	3
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and	Chem Treat CL 14095	Gallons	1250	55	900			sulfuric acid	2 %	7664-93-9
Solids) Corrosive	CAS No		orage Container astic/Non-meta	lic Drum	Pressue Ambient Temperature	Waste Cod	<u>e</u>	zinc chloride phosphoric acid	1 % 1 %	7646-85-7 7664-38-2
			ays on Site: 365		Ambient	-		benzotriazole	2 %	95-14-7

Page 6 of 24

		Hazardo	us Materials A	and Waste	Inventor	y Matrix	Report			
Facility Name Sentine	ntinel Energy Facility el Energy Center, LLC elissa Ln, North Palm Springs 922	58		Chemical Loca				Facility ID F	0561690 A0039040 ubmitted on 2/26	/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	{	ardous Component: For mixture only)	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Dally	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and	Diesel Fuel	Gallons	350	350	350		- Physical			
Combustible Liquids	CAS No 68334-30-5	Lîquid Type	Storage Container Aboveground Tank		Pressue Ambient Temperature	Waste Code	Flammable - Health Carcinogenicity - Health Acute			
		Mixture	Days on Site: 365		Ambient		Toxicity - Health Skin Corrosion			
							Irritation - Health Serious			
							Eye Damage Eye Irritation			

Page 7 of 24

		Hazardou	us Materials A	And Waste		y Matrix	Report			
Facility Name Sentinel	tinel Energy Facility Energy Center, LLC ssa Ln; North Palm Springs 92258			Chemical Loca FORKLIFT	tion IN WAREHO	OUSE		CERS IE Facility Status	⊅ FA0039040	:6/2019 7:58 AM
				Quantities		Annuai Waste	Federal Hazard		Hazardous Componen (For mixture only)	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	LIQUIFIED PETROLEUM GAS  CAS No 74-98-6	Gas (	67 Storage Container Cylinder Days on Site: 365	<b>33.5</b>	67 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Flammable - Physical Gas Under Pressure - Health Simple Asphyxiant			

acility Name Sentinel	inel Energy Facility Energy Center, LLC ssa Ln, North Palm Springs 92258			Chemical Loca Haz Mat 1		CERS ID 10561690 Facility ID FA0039040 Status Submitted on 2/26/2019 7:				
				Quantities		Annual Waste	Federal Hazard		ardous Component For mixture only)	S
OT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
OT: 3 - Flammable and iombustible Liquids iombustible Liquid, Class III-B	Used lubricating oils  CAS No.  70514-12-4	Liquid I	28 Storage Container Plastic/Non-meta Days on Site: 365		Pressue Ambient Temperature Ambient		- Health Carcinogenicity e - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazar - Health Germ	d		

Printed on 2/26/2019 8:02 AM

		Hazardous	Materials	And Waste	s Inventor	y Matrix	Report			
Facility Name Sentinel	inel Energy Facility Energy Center, LLC ssa.Ln, North Palm Springs 92:	258		Chemical Local Haz Mat l				CERS ID 105610 Facility ID FA003 Status Submitt	9040	26/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	Hazardous ( (For mixt	omponenure only)	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	 Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and	Motor Oil	Gallons	1000	55	880			VARIOUS LUBRICATING BASE OF	LS 85 %	6474X-XX-X
Combustible Liquids Combustible Liquid, Class III-B	CAS No		rage Container Istic/Non-meta	alic Drum	Pressue Ambient Temperature	Waste Cod 221	<u>e</u>	ADDITIVE PACKAGE, INCLUDING ZINC ALKYLDITHIOPHOSPHATE	15 % 2 %	MIXTURE 68649-42-3
			ys on Site: 365		Ambient	<del></del>				

Printed on 2/26/2019 8:02 AM Page 10 of 24

		Hazardo	us Materials /	And Waste	s Inventor	y Matrix	Report			
Facility Name Sentin	entinel Energy Facility el Energy Center, LLC Melissa Ln, North Palm Springs 92258			Chemical Loca HAZARDO	ition DUS MATERI	IALS STOI	RAGE AREA	CERS ID 105616 Facility ID FA0039 Status Submitte	9040	26/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	Hazardous C (For mixtu		ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	ZOK MK GAS TURBINE COMPRESSOR CLEANING FLUID CAS NO	Liquid Type	555 Storage Container Aboveground Tank Days on Site: 365	264	264 Pressue Ambient Temperature Ambient	Waste Cod	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Isotridecylalcohol, ethoxylated 3-butoxypropan-2-ol	30 % 5 %	9043-30-5 5131-66-8

Page 11 of 24

		Hazardo	ous Materials <i>i</i>	And Waste	s Inventory	Matrix I	Report			
cility Name Sentin	entinel Energy Facility el Energy Center, LLC Melissa Ln, North Palm Springs 92258			Chemical Loca HAZARDO	ition )US WASTE !	STORAGE	AREA	医甲状腺性乳腺病 医二氯甲基 医二氯甲酚甲烷基异丁二氮	D 10561690 FA0039040 Submitted on 2/2	6/2019 7:58 AM
	The second secon			Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	•
OT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Waste Oil and Debris	Pounds		55	55		- Health	· OIL	8 % 90 %	64742-58-1
•	CAS No	State	Storage Container Steel Drum	-	Pressue	Waste Code 223	Carcinogenicity - Health	ABSORBENTS	90 %	
		Solid	Steel Diulii		Ambient		Reproductive			
		Type Waste	Days on Site: 365		Temperature Ambient		Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazar - Health Germ Cell Mutagenicity - Health Hazard	d		
		·					Not Otherwise Classified	OII	10.07	64742-58-1
	Waste Oil	Gallons	Storage Container	55	55 Pressue	Macha Caria	- Health Carcinogenicity	OIL	10 %	64742-58-1
	CAS No	<u>State</u> Liquîd	Steel Drum	_	Ambient	221	- Health			
		Туре			Temperature		Reproductive			
		Waste	Days on Site: 365		Ambient	•	Toxicity - Health Skin			
							Corrosion			
			•				Irritation			
							- Health			
							Respiratory Skin			
							Sensitization - Health Serious			
	•						Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health	4		
		•					Aspiration Hazar - Health Germ	u		
							Cell Mutagenicit	v		

Printed on 2/26/2019 8:02 AM Page 12 of 24

		Hazardo	ous Materials /	And Waste	s Inventor	y Matrix	Report			
Facility Name Sentine	ntinel Energy Facility el Energy Center, LLC elissa Ln, North Palm Springs 92258			Chemical Loca HAZARDC	ition OUS WASTE	STORAGE	AREA	CERS Facilit Statu:	y ID FA0039040	6/2019 7:58 AM
		· · · · · · · · · · · · · · · · · · ·		Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	•
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	WASTE OIL AND WATER FROM OIL/WATER SEPARATOR  CAS NO	Gallons State Liquid Type Waste	Storage Container Steel Drum  Days on Site: 365	150	35 Pressue Ambient Temperature Ambient	Waste Code 221	- Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazar - Health Germ Cell Mutagenicit	d	10 %	64742-58-1

		Hazardous	Materials	And Waste	s Inventor	y Matrix I	Report			
Facility Name Sentin	entinel Energy Facility iel Energy Center, LLC Melissa Ln, North Palm Springs 92	258		Chemical Loca ROTATINO	ition G EQUIPME	NT:		CERS ID 1056169 Facility ID FA00390 Status Submittee	)40	26/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	Hazardous Co (For mixtu	•	is
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	 Amount	Categories	Component Name	% Wt	EHS CAS No.
	Lube Oil	Gallons	70000	8270	70000		- Health Reproductive	RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	60 %	64742-62-7
	CAS No		orage Container ther	_	Pressue Ambient	Waste Code	•	LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT	60 %	64742-58-1
		<u>Type</u> Mixture Da	ays on Site: 365		Temperature Ambient	•••	Target Organ Toxicity	RESIDUAL OILS (PETROLEUM), HYDROTREATED	60 %	64742-57-0

Page 14 of 24

		Hazardoı	ıs Materials /	And Waste	s Inventor	y Matrix	Report			
icility Name Sentinel E	nel Energy Facility nergy Center, LLC a Ln, North Palm Springs 92258			Chemical Loca SWITCH Y		& CONTR	OL BUILDING		10561690 FA0039040 Submitted on 2/2	6/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	ł	lazardous Component (For mixture only)	\$
OT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
OT: 8 - Corrosives (Liquids and olids)	Lead Calcium Batteries <u>CAS No</u>	Liquid (	6600 Storage Container Other Days on Site: 365	110	6600 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ	SULFURIC ACID	8%	<b>√</b> 7664-93-6

		Hazardous	Materials A	and Waste	Inventory	Matrix	Report			
acility Name Sentin	entinel Energy Facility el Energy Center, LLC Melissa Ln, North Palm Springs 92258			Chemical Loca SWITCH Y	tion ARD TRANS	FORMER		CERS ID 10561 Facility ID FA003 Status Submitt	9040	6/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	Hazardous (For mix	Component ture only)	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	DIELECTRIC FLUID (LUMINOL)	Gallons	123000	9600	123000		- Health Skin	Luminol	98 %	521-31-3
	CAS No	Liquid Ot Type	cher cher cher cher 365	-	Pressue Ambient Temperature Ambient	Waste Code	Corrosion Irritation - Health Serious Eye Damage Eye Irritation	1,2.3.4- TETRAHYDRONAPHTHALENE	3%	119-64-2

		Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report		
Facility Name Sentinel E	nel Energy Facility nergy Center, LLC sa Ln, North Palm Springs 92258			Chemical Loca SWITCHY	ation ARD BREAK	ERS		CERS ID Pacility I Status	10561690 D. FA0039040 Submitted on 2/26/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)
DOT Code/Fire Haz. Class DOT: 2.2 - Nonflammable Gases	SULFUR HEXAFLUORIDE (SF6) CAS No	Unit Pounds State	Storage Container	Largest Cont.	Avg. Daily 1661 Pressue	Amount  Waste Cod		Component Name	% Wt EHS CAS No.
	2551-62-4	Gas Type Pure	Other  Days on Site: 365		> Ambient <u>Temperature</u> Ambient	<del></del>	- Health Simple Asphyxiant		

Page 17 of 24

Facility Name Sentinel E	nel Energy Facility nergy Center, LLC a Ln, North Palm Springs 92258	Hazardo	us Materials A	And Waster Chemical Loca UNIT 1-8	Same and the work in the	/ Matrix I	Report		10561690  FA0039040  Submitted on 2/2	5/2019 7:58 AM
	. An industry in the State of t		Carrier of the field by the Children Carrier	Quantities	andre - Che andre de la company	Annual Waste	Federal Hazard	S 80	Hazardous Component (For mixture only)	<del></del>
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide  CAS No  124-38-9	Gas Type	Storage Container Cylinder  Days on Site: 365	<b>100</b> -	8000 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure			
DOT: 8 - Corrosives (Liquids and Solids)	Corrosion Inhibitor (CHEMTREAT CL1409)  CAS No	Liquid Type	1200 Storage Container Tote Bin Days on Site: 365	<b>150</b> -	1200 Pressue Ambient Temperature Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	PHOSPHORIC ACID  ZINC CHLORIDE SULFURIC ACID BENZOTRIAZOLE	5 % 5 % 5 % 5 %	7664-38-2 7646-85-7 ✓ 7664-93-9 95-14-7

Page 18 of 24

			Hazardou	ıs Materials A	and Waste	s Inventor	y Matrix I	Report			
Facility Name Sentinel E	nel Energy Facility nergy Center, LLC a Ln, North Palm Springs 9	2258			Chemical Loca UNIT 1-8 / SYSTEM		WATER CH	EMICAL TREAT		9040	6/2019 7:58 AM
					Quantities		Annual Waste	Federal Hazard	Hazardous ( (For mixt	•	ß
DOT Code/Fire Haz. Class	Common Name		Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosíves (Liquids and Solids)	Biocide (CHEMTREA	T CL49)	Liquid A	1350  Storage Container  Aboveground Tank  Days on Site: 365	150	1350 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	SODIUM CHLOROSULFAMATE SODIUM BROMOSULFAMATE SODIUM HYDROXIDE	10 % 13 % 10 %	17172-27-9 134509-56-1 1310-73-2

Printed on 2/26/2019 8:02 AM Page 19 of 24

			Hazardoı	us Materials A	ind Waste	s Inventory	Matrix	Report			
acility Name Sentinel El	nel Energy Fa nergy Center a Ln, North Pain	医动物性性性畸形性性病 化苯基氏性动物 计特别			Chemical Loca Unit 1-8,	和"全机的银气"的	ater Pum	), Hazmat Stor	经工程中等的证明的是对他们在成功	10561690 ID FA0039040 Submitted on 2/2	5/2019 7:58 AM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	
DOT Code/Fire Haz. Class	Common Name		Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Sulfuric Acid	d Solution (93%) ✓EHS	Liquid /	31050 Storage Container Aboveground Tank Days on Site: 365	3450	31050 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye	SULFURIC ACID	93 %	<b>√</b> 7332-18-5

Printed on 2/26/2019 8:02 AM Page 20 of 24

Facility Name Sentinel E 15775: Melis	sa Ln, North Palm Springs 92258			Quantities		Annual Waste	OM (PCM) AT	Status S Haz	submitted on 2/2 ardous Component For mixture only)	
DOT Code/Fire Haz. Class	Common Name	Unit	Max, Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries (1632)  CAS No	Liquid Type	91039.488 Storage Container Other Days on Site: 365	<b>11379.9936</b> -	91039.488 Pressue Ambient Temperature Ambient	Waste Code	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ	SULFURIC ACID	60 %	<b>√</b> 7664-93-6

	Hazardous Materials And Wastes Inventory Matrix Report									
CERS Business/Org. CPV Sentinel Energy Facility Chemical Location CERS ID 10561690  Pacility Name Sentinel Energy Center, LLC Warehouse Facility ID. FA0039040  15775 Melissa Lin, North Palm Springs 92258 Status Submitted on 2/26/2019 7:58 AM										
		_		Quantities		Annual Waste	Federal Hazard		ıs Componen ixture only)	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Dally	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Chemsol 6020	Pounds	4400	2200	4000			POLYDIMETHYLSILOXANE	5 %	
	CAS No	<u>State</u> <u>Stor</u> Solid Box	rage Container K	-	<u>Pressue</u> Ambient	Waste Cod	<u>e</u> .			
		<u>Type</u> Pure Day	ys on Site: 365		Temperature Ambient	<b>L</b>				

Printed on 2/26/2019 8:02 AM Page 22 of 24

		Hazardo	ous Materials A	and Waste	s Inventor	y Matrix I	Report			
Facility Name Sentinel E	nel Energy Facility nergy Center, LLC ia Ln, North Palm Springs 92258			Chemical Loca ZLD	ation	and the second s		CERSID 10 Facility ID FA Status Sub	0039040	6/2019.7:58 AM
			<del>-</del>	Quantities		Annual Waste	Federal Hazard		lous Componen mixture only)	ts
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
·	Defoamer (CHEMTREAT FO281)  CAS No	Gallons State Liquid Type Mixture	Storage Container Aboveground Tank	60	Pressue Ambient Temperature Ambient	Waste Code	- Health Acute Toxicity - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	SILICONE DIOXIDE Polyoxyethylene sorbitan monolaurate	5 % 10 %	112926-00-8 9005-64-5
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide (25% Solution CAS No	State Liquid Type	Storage Container Aboveground Tank	150	150 Pressue Ambient Temperature Ambient	-	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	SODIUM HYDROXIDE	25 %	1310-73-2

		Hazardou	s Materials A	and Waste	s Inventory	/ Matrix	Report			
1. 通過數字 中央 等等的 网络大学学者 医乳腺性炎 计中间记录器 等等等	entinel Energy Facility el Energy Center, LLC Melissa Ln, North Palm Springs 92258			Control & Freday	<sup>tton</sup> Water Pum	Jan Politika		Facility ID .F.	0561690 A0039040 bmitted on 2/2	6/2019 7:58 AM
				Quantities		Annual Waste	Federal Hazard	(F	rdous Component or mixture only)	<u></u>
DOT Code/Fire Haz. Class	LIQUID CALCIUM CHLORIDE SOLUTION 35% CAS No	Liquid A Type	Max. Daily 1420 torage Container boveground Tank Days on Site: 365	1090	Avg. Daily 1420 Pressue Ambient Temperature Ambient	-	Categories - Health Serious Eye Damage Eye Irritation	Component Name CALCIUM CHLORIDE	% Wt 35 %	EHS CAS No. 10043-52-4

		Safety Data Sheets (SDS) - by Typ	е	<b>,</b>
Sheet Location	Product Type	PRODUCT FULL NAME	Distributor/Supplier - CO	ACTIVE
BOOK 1	ADHESIVE	HI-STRENGTH SPRAY ADHESIVE	3М	Y
BOOK 1	ADHESIVE	SUPER 77 MULTIPURPOSE ADHESIVE	3M	Y
воок з	PAINT	7008 BRITE GALVANIVE COATING 65% ZINC RICH	AERVOE	Υ
воок 1	CLEANER	PURPLE POWER INDUSTRIAL STRENGTH CLEANER/DEGREASER	AIKEN CHEMICAL COMPANY	Y
BOOK 2	GAS	AMMONIA	AIRGAS	Y
воок 1	AMMONIA	AMMONIUM HYDROXIDE	AIRGAS	Y
BOOK 2	GAS	CARBON DIOXIDE	AIRGAS	Υ
BOOK 2	GAS	OXYGEN	AIRGAS	Υ
BOOK 2	GAS	PROPANE	AIRGAS	Υ
BOOK 1	CLEANER	AJAX PALMOLIVE DISH SOAP	AJAX	Y
BOOK 1	BATTERY	Valve Regulated Lead Acid Battery	ALPHA	Y
воок 1	ADHESIVE	VISCOSINE - GEN AIR FILTERS	AMERKLEEN	Y
воок з	PAINT	REFLECTIVE PAINT	AMES RESEARCH	Y
BOOK 1	ABSORBENT	AMPHOMAG - MAGNESIUM SULFATE	AMPHOMAG	Y
воок з	SEALANT	PYRO-PUTTY	AREMCO PRODUCTS, INC	
BOOK 1	CLEANER	ARMOR ALL PROTECTANT	ARMOR ALL	Υ
BOOK 1	ADHESIVE	S-515 CLEAR THIN SPREAD FLOOR TILE ADHESIVE	ARMSTRONG	Y
BOOK 4	WATER TREATMENT	DREWPLUS ED750 FOAM CONTROL AGENT	ASHLAND	Υ
воок 4	WATER TREATMENT	ZINC CHLORIDE	ATLAS CHEMICAL	Υ
BOOK 2	FIRST AID	BANANA BOAT SUNSCREEN	BANANA BOAT	Υ
воок з	SOLVENT	KLEAN STRIP DENATURED ALCOHOL	BARR	Y
BOOK 3	SOLVENT	KLEAN STRIP MINERAL SPIRITS	BARR	Υ
воок 1	CLEANER	SIGHT SAVERS BRAND PREMOISTENED LENS CLEANING TISSUE	BAUSCH & LOMB	Y
воок з	PAINT	INTERIOR WHITE PAINT 2750	BEHR	Y
воок з	PAINT	INTERIOR WHITE PAINT 3750	BEHR	Y
воок з	PAINT	BELZONA 5811 IMMERSION GRADE	BELZONA	Y
воок з	PAINT	SPRAY COLOR ENAMEL	·BLP	Υ
воок 1	ADHESIVE	BONDERITE GP460	BONDERITE	Y
воок 1	CLEANER	BRIGHTON PROFESSIONAL ANTIBACTERIAL SOAP	BRIGHTON PROFESSIONAL	Y
воок з	PAINT	TZe CASSETTE (LABEL TAPE)	BROTHER	Y
BOOK 1	BATTERY	FLOODED LEAD-CALCIUM BATTERY	C&D TECHNOLOGIES	Y
воок 1	CLEANER	CANTESCO LEAK DETECTION COMPOUND	CANTESCO	Y
BOOK 4	WATER TREATMENT	CHEMTREAT BL197 (BOILER ANTIFOAM)	CHEMTREAT	Y
BOOK 4	WATER TREATMENT	CHEMTREAT BL8700	CHEMTREAT	Y
BOOK 4	WATER TREATMENT	CHEMTREAT CL1409 (INHIBITOR)	CHEMTREAT	Y

BOOK 4	WATER TREATMENT	CHEMTREAT CL14095 (INHIBITOR) (Premixed)	CHEMTREAT	Υ
BOOK 4	WATER TREATMENT	CHEMTREAT CL2156 (AH BIOCIDE)	CHEMTREAT	Y
BOOK 4	WATER TREATMENT	CHEMTREAT CL241 (PASSIVATION)	CHEMTREAT	Υ
ВООК 4	WATER TREATMENT	CHEMTREAT CL4125 (PASSIVATION)	CHEMTREAT	Y
ВООК 4	WATER TREATMENT	CHEMTREAT CL450 (PASSIVATION)	CHEMTREAT	Υ
воок 4	WATER TREATMENT	CHEMTREAT CL49 (MAIN BIOCIDE)	CHEMTREAT	Υ
ВООК 4	WATER TREATMENT	CHEMTREAT FO281(ANTI FOAM)	CHEMTREAT	Υ
воок 4	WATER TREATMENT	CHEMTREAT FO321 (ANTI FOAM	CHEMTREAT	Υ
BOOK 4	WATER TREATMENT	QUADRASPERSE CL4830 (PASSIVATION)	CHEMTREAT	Υ
воок з	OIL	CHEVRON RANDO HD	CHEVRON	Υ
BOOK 2	FUEL	DIESEL FUEL No. 2	CHEVRON	Υ
BOOK 4	WATER TREATMENT	SODIUM BICARBONATE	CHURCH & DWIGHT CO.	Y
BOOK 2	LUBRICANT	CLC LUBRICANTS	CLC	Υ
воок 1	CLEANER	CLOROX 4-IN-ONE DISINFECTANT	CLOROX	Υ
BOOK 1	CLEANER	CLOROX COMMERCIAL SOLUTIONS - CLOROX GERMICIDAL BLEACH	CLOROX	Υ
воок 1	CLEANER	ALL PURPOSE CLEANER FABULOSO-LAVENDER	COLGATE	Y
BOOK 1	CLEANER	FABULOSO ALL-PURPOSE CLEANER SPRAY	COLGATE	Υ
BOOK 1	CLEANER	NON-ANTIBACTERIAL LIQUID HAND SOAP	COLGATE	Y
BOOK 4	WATER TREATMENT	Selective Catalytic Reduction Catalyst	CORMETECH	Υ
BOOK 2	LUBRICANT	3-36 MULTI PURPOSE LUBRICANT AND CORROSION INHIBITOR	CRC	Y
BOOK 1	BATTERY	BATTERY TERMINAL PROTECTOR	CRC	Y
BOOK 2	LUBRICANT	CHAIN AND WIRE LUBE	CRC	Υ
BOOK 2	LUBRICANT	DRY MOLY LUBE	CRC	Y
BOOK 2	LUBRICANT	KNOCK'ER LOOSE PENETRATING SOLVENT	CRC	Y
BOOK 1	CLEANER	NON-CHLORINATED, LOW-VOC BRAKE PARTS CLEANER	CRC	Υ
BOOK 1	CLEANER	QD CONTACT CLEANER	CRC	Υ
воок з	PAINT	RUST CONVERTER	CRC	Y
воок з	OIL	SUPER HEAVY DUTY DOT 4 BRAKE FLUID	CYCLO	Υ
воок з	PAINT	DRYDEX SPACKLING	DAP	Y
BOOK 1	ADHESIVE	WELDWOOD ORIGINAL CONTACT CEMENT	DAP	Υ
воок з	SEALANT	GRAY, FIBERED WATER BASED DUCT SEALANT	DESIGN POLYMERICS	Υ
BOOK 1	CLEANER	ANTIBACTERIAL HAND SOAP	DETERGENT MARKETING SYSTEMS	Y
воок з	PAINT	SPRAY MEDIUM GRAY	DO IT BEST	Y
BOOK 1	ADHESIVE	DOW CORNING® 739 PLASTIC ADHESIVE - WHITE	DOW CORNING	Υ
BOOK 2	LUBRICANT	MOLYKOTE D-321 SPRAY	DOW CORNING	Y
BOOK 1	ADHESIVE	SILICONE ELASTOMER	DOW CORNING	Υ
воок 1	ABSORBENT	DRIERITE	DRIERITE	Υ

воок 2	LUBRICANT	CHAIN SAVER WAX-BASED LUBE FOR CHAIN DRIVEN VEHICLES WITH TEFLON	DUPONT	Υ
воок з	PAINT	FLEXI-DECK 500E PART A	EDISON COATINGS	Υ
воок з	PAINT	FLEXI-DECK 500E PART B	EDISON COATINGS	Y
воок з	PAINT	FLEXI-SEAL 510 PART A	EDISON COATINGS	Υ
воок з	OIL	ENERPAC HYDRAULIC OIL	ENERPAC	Υ
BOOK 1	BATTERY	NONSPILLABLE LEAD-ACID BATTERY	ENERSYS	Y
воок 1	CLEANER	EXPO WHITE BOARD CLEANER	EXPO	Υ
воок з	OIL	MOBIL 1 10W-30	EXXONMOBIL	Υ
воок з	OIL	MOBIL DTE 10 EXCEL 46	EXXONMOBIL	Υ
воок з	OIL	MOBIL DTE 220	EXXONMOBIL	Υ
воок з	OIL	MOBIL DTE OIL EXTRA HEAVY	EXXONMOBIL	Υ
воок з	OIL	MOBIL DTE OIL LIGHT	EXXONMOBIL	Υ
воок з	OIL	MOBIL JET OIL II	EXXONMOBIL	Υ
воок з	OIL	MOBIL POLYREX EM	EXXONMOBIL	Υ
воок з	OIL	MOBIL SHC 634	EXXONMOBIL	Υ
BOOK 1	CLEANER	DUST-OFF COMPRESSED GAS	FALCON SAFETY	Υ
BOOK 1	ACID	HYDROCHLORIC ACID 37%	FISHER SCIENTIFIC	Υ
воок 1	CLEANER	Fast Wipes	GOJO	Υ
BOOK 1	CLEANER	PURELL INSTANT HAND SANITIZER WITH MOISTURIZERS & VITAMIN E	GOJO	Υ
BOOK 1	CLEANER	Scrubbing Wipes	GOJO	Υ
BOOK 1	ADHESIVE	STRONGER-FASTER GORILLA GLUE / POLYURETHANE ADHESIVE	GORILLA	Υ
воок 1	ACID	ACID REAGENT	HACH	Υ
воок 1	ACID	AMINO ACID F REAGENT	HACH	Υ
BOOK 1	ACID	AMINO ACID REAGENT FOR PHOSPHATE SILICA	HACH	Υ
BOOK 1	BATTERY	BATTERY, LITHIUM COIN CELL	HACH	Υ
BOOK 4	WATER TREATMENT	BENZOTRIAZOLE STANDARD SOLUTION, 500.0mg/l	HACH	Υ
BOOK 4	WATER TREATMENT	BUFFER POWDER PILLOWS pH 10.01	HACH	Υ
BOOK 4	WATER TREATMENT	BUFFER POWDER PILLOWS pH 4.01	HACH	Y
BOOK 4	WATER TREATMENT	BUFFER POWDER PILLOWS pH 7.00	HACH	Y
воок 4	WATER TREATMENT	BUFFER SOLUTION HARDNESS 1 pH 10.1	HACH	Y
BOOK 4	WATER TREATMENT	CALVER 2 CALCIUM INDICATOR	HACH	Y
воок 1	ACID	CITRIC ACID	HACH	Y
BOOK 4	WATER TREATMENT	DPD FREE CHLORINE REAGENT	HACH	Y
воок 4	WATER TREATMENT	DPD TOTAL CHLORINE REAGENT	HACH	Υ
BOOK 4	WATER TREATMENT	EDTA TETRASODIUM SALT 0.800	HACH	Y
BOOK 4	WATER TREATMENT	ELECTRODE FILLING SOLUTIONG 2.44M KCI	HACH	Y
BOOK 4	WATER TREATMENT	FERROVER IRON REAGENT	HACH	Y

D0014.4	WATER	OLUMETER VALUE TEST SOLUTION SOS AV	111.011	
BOOK 4	TREATMENT WATER	GLI, INTERNATIONAL'S TEST SOLUTION, 600 mV	HACH	Y
BOOK 4	TREATMENT WATER	MANVER 2 HARDNESS INDICATOR	HACH	Y
BOOK 4	TREATMENT	MOLYBDATE 3 REAGENT FOR SILICA	HACH	Y
BOOK 4	WATER TREATMENT	MOLYBDATE REAGENT	HACH	Y
BOOK 4	WATER TREATMENT	MOLYBDOVANADATE REAGENT	HACH	Y
BOOK 4	WATER TREATMENT	POTASSIUM HYDROXIDE SOLUTION 8 N	HACH	Υ
BOOK 4	WATER TREATMENT	SILICA STANDARD SOLUTION	HACH	Υ
BOOK 1	ACID	SULFURIC ACID STANDARD SOLUTION, 5.25 N	HACH	Y
ВООК 4	WATER TREATMENT	TITRAVER SOLUTION (SODIUM EDTA)	HACH	Y
BOOK 4	WATER TREATMENT	TRIAZOLE REAGENT	HACH	Υ
воок 1	ADHESIVE	MP-6 MULTI-PURPOSE CEMENT	HARVEY'S	Υ
BOOK 2	LUBRICANT	THREAD CUTTING OIL	HARVEY'S	Υ
воок 1	ADHESIVE	X 280 B	НВМ	Υ
воок 1	ADHESIVE	GASKET MAKER - ANAEROBIC ADHESIVE	HENKEL	Υ
воок з	SEALANT	LOCTITE SF F720 BK	HENKEL	Υ
воок з	SEALANT	THREAD SEALANT WITH PTFE	HENKEL	Υ
воок з	PAINT	HI TEMP 1027	HI TEMP COATINGS	Υ
ВООК 4	WATER TREATMENT	CALCIUM CHLORIDE DIHYDRATE	HILL BROTHERS	Υ
ВООК 1	ADHESIVE	RSE DOT ADHESIVE	HILTI	Y
воок 1	CLEANER	BLEACH	HOME ESSENTIALS	Υ
воок з	SOLVENT	ISOPROPYL RUBBING ALCOHOL USP 70%	HYDROX	Y
воок з	PAINT	POLYURETHANE INT/EXT FLOOR & PORCH E ENAMEL	ICI PAINTS	Y
BOOK 4	WATER TREATMENT	TRISODIUM PHOSPHATE (CRYSTALLINE)	ICL PERFORMANCE	Y
BOOK 3	PAINT	TRANSPARENT STAIN AEROSOL-STEEL BLUE AND STEEL RED	ITW PRO BRANDS	Υ
BOOK 1	ADHESIVE	MIRACLE 15-114 AEROSOL ADHESIVE	ITW TACC	Υ
BOOK 2	LUBRICANT	NICKEL ANTI-SEIZE LUBRICANT AND THREAD SEALANT	J.C. WHITLAM MANUFACTURING	Υ
воок 1	AMMONIA	AMMONIUM SULFATE FINES	J.R. SIMPLOT	Y
воок 1	ADHESIVE	J-B WELD	J-B WELD	Y
воок 1	CLEANER	CLR	JELMAR	Y
BOOK 2	LUBRICANT	KOPR-KOTE	JET-LUBE, INC	Y
BOOK 1	CLEANER	WAX FURNITURE POLISH	JOHNSON DIVERSITY	Y
воок 1	CLEANER	JOY MANUAL POT CLEANER	JOY	Y
BOOK 2	LUBRICANT	KROIL AEROSOL	KANO LABS	Y
BOOK 1	CLEANER	FOOD SERVICE OF AMERICA ULTRA BLEACH	KIK INTERNATIONAL	Y
воок 1	ACID	MURIATIC ACID (CONTRACTOR STRENGTH)	KIK INTERNATIONAL	Y
воок 1	ACID	MURIATIC ACID (POOL ADDITIVE)	KIK INTERNATIONAL	Y
воок з	PAINT	51318 GRAY PRIMER	KRYLON	Y

BOOK 1	ADHESIVE	FLUX-RITE 90 PASTE	LA-CO	Y
воок з	SEALANT	LATICRETE LATASIL AND STONE SEALANT	LATICRETE	Y
воок 1	ADHESIVE	LATICRETE 1600 UNSANDED GROUT	LATICRETE	Υ
воок 1	ADHESIVE	LOCTITE SUPERFLEX RED HIGH TEMP RTV SILICONE ADHESIVE SEALANT	LOCTITE	Y
воок 1	ADHESIVE	LOCTITE SUPERGLUE GEL CONTROL	LOCTITE	Y
воок з	SEALANT	POLYSEAMSEAL ALL PURPOSE CAULK	LOCTITE	Y
BOOK 2	LUBRICANT	SILVER ANTI-SEIZE	LOCTITE	Y
BOOK 1	ADHESIVE	SUPER BONDER ADHESIVE	LOCTITE	Υ
воок 1	ADHESIVE	ACRYLIC ADHESIVE	LORD	Υ
воок з	PAINT	GOLD GALVANIZE	LPS	Y
BOOK 2	LUBR!CANT	GREASELESS LUBRICANT #1	LPS	Υ
ВООК 2	LUBRICANT	HEAVY DUTY LUBRICANT #2	LPS	Υ
BOOK 2	LUBRICANT	LUBRIPLATE NO. 105	LUBRIPLATE	Υ
воок з	PAINT	SKL-SP1/SKD-52 KIT	MAGNAFLUX	Υ
BOOK 1	CLEANER	SUPER POLYMER 85	MAINTEX	Υ
BOOK 2	LUBRICANT	BREAK-AWAY PLUS	MANTEK	Y
BOOK 1	CLEANER	G71, GOLD CLASS CAR WASH SHAMPOO & CONDITIONER	MEGUIARS	Y
воок з	PAINT	DURA-SEAL GYMTHANE FINISH	MINIWAX CO	Y
BOOK 2	LUBRICANT	MOBILGREASE 28	MOBIL	Υ
воок з	SEALANT	Refractory Ceramic Fiber Product	MORGAN	Υ
BOOK 1	BATTERY	Valve Regulated Lead Acid Battery	MTI Systems/GASTON	Υ
BOOK 1	ABSORBENT	NEW/PIG MATS	NEW PIG	Υ
воок 1	CLEANER	SANI CLOTH DISINFECTING WIPES (FRESH AIR SCENT)	NICE-PAK	Υ
воок 1	CLEANER	GREEN CLEAN	NU-CALGON	Υ
BOOK 1	CLEANER	NU-BRITE	NU-CALGON	Υ
воок 1	ADHESIVE	CPVC MEDIUM ORANGE CEMENT	OATEY	Y
BOOK 1	ADHESIVE	OATEY ALL PURPOSE CEMENT	OATEY	Υ
воок з	PAINT	OATEY CLEAR PRIMER	OATEY	Υ
воок з	PAINT	OATEY PURPLE PRIMER/CLEANER	OATEY	Υ
воок 1	ABSORBENT	OIL-DRI SWEEPING COMPOUND	OIL-DRI	Υ
воок 1	CLEANER	OLD ENGLISH FURNITURE POLISH	OLD ENGLISH	Υ
воок з	PAINT	. 1 SHOT LETTERING ENAMELS	ONE SHOT	Υ
воок 1	ADHESIVE	RTV SILICONE SEALANT	PACER TECHNOLOGY	Υ
ВООК 1	CLEANER	PALMOLIVE TRADITIONAL	PALMOLIVE	Υ
ВООК 2	LUBRICANT	PETROLATUM P-16	PANEF	Υ
ВООК 3	PAINT	PAPER MATE GEL 300 INK	PAPERMATE	Υ
BOOK 1	ABSORBENT	AMMONIA SCRUBBING MEDIA	PERMA PURE	Υ

DAINT	DVC TOLICULID COMPOLIND EYTERIOD CRAY	DI ASTI-ROND	Y
		PNEUMATIC	 Y
		PRODUCTS	
	<u> </u>	<del></del> -	Y
		·	Y
GAS	COMPRESSED GASES n.o.s (NITROGEN, NITRIC OXIDE)	PRAXAIR	Υ
GAS	COMPRESSED GASES n.o.s (Oxygen)	PRAXAIR	Y
CLEANER	COMET DEODORIZING POWDER	PROCTOR & GAMBLE	Y
CLEANER	MR. CLEAN BATH SCRUBBER	PROCTOR & GAMBLE	Υ
CLEANER	MR. CLEAN MAGIC ERASER	PROCTOR & GAMBLE	Υ
PAINT	OLYMPIC 15-YEAR SEMIGLOSS	PROCTOR & GAMBLE	Υ
PAINT	PSX 1001	PROCTOR & GAMBLE	Y
SEALANT	TEF-PASTE	RAMCO	Υ
BATTERY	LITHIUM CARBON MONO-FLOURIDE BATTERY	RAYOVAC	Υ
CLEANER	LYSOL ANTIBACTERIAL KITCHEN CLEANER	RECKITT BENCKISER	Y
CLEANER	LYSOL BRAND DISINFECTANT ANTIBACTERIAL KITCHEN CLEANER	RECKITT BENCKISER	Y
CLEANER	LYSOL BRAND NEUTRA AIR SANITIZING SPRAY	RECKITT BENCKISER	Υ
CLEANER	PROFESSIONAL MOP & GLO FLOOR SURFACE CLEANER	RECKITT BENCKISER	Υ
ADHESIVE	C6 EPOXY ADHESIVE	REDHEAD	Υ
CLEANER	VIPER BRITE	REFRIGERATION TECHNOLOGIES	Υ
LUBRICANT	RAPID TAP	RELTON	Υ
ADHESIVE	HH-66 VINYL CEMENT	R-H PRODUCTS CO.	Υ
CLEANER	VINEGAR	RHODES	Υ
CLEANER	GUNK BRAKE PARTS CLEANER	RSC	Υ
PAINT	1987830 FLUORESCENT ORANGE	RUST-OLEUM	Y
PAINT	312816 GLOSS RICH JADE GREEN	RUST-OLEUM	Y
PAINT	312818 GLOSS DEEP SLATE	RUST-OLEUM	Y
PAINT .	7724 SAIL BLUE	RUST-OLEUM	Y
PAINT	7747 SUNBURST YELLOW	RUST-OLEUM	Υ
PAINT	INDUSTRIAL CHOICE AEROSOL - PRIMER	RUST-OLEUM	Y
SOLVENT	INDUSTRIAL CHOICE AEROSOL - SOLVENT	RUST-OLEUM	Y
PAINT	NEVERWET BASE COAT	RUST-OLEUM	Υ
PAINT	NEVERWET TOP COAT	RUST-OLEUM	Υ
PAINT	PRO SPRAY PRIMER - FLAT	RUST-OLEUM	Υ
PAINT	PRO SPRAY PRIMER - GLOSS	RUST-OLEUM	Y
			Y
SEALANT	#5050 BALL VALVE SEALANT	SEALWELD	Y
	CLEANER CLEANER PAINT PAINT SEALANT BATTERY CLEANER CLEANER CLEANER CLEANER ADHESIVE CLEANER LUBRICANT ADHESIVE CLEANER CLEANER PAINT	ASSORBENT ACTIVATED ALUMINA  GAS COMPRESSED GASES n.o.s (Acetylene)  GAS COMPRESSED GASES n.o.s (NITROGEN, CARBON MONOXIDE)  GAS COMPRESSED GASES n.o.s (NITROGEN, NITRIC OXIDE)  GAS COMPRESSED GASES n.o.s (NITROGEN, NITRIC OXIDE)  GAS COMPRESSED GASES n.o.s (Oxygen)  CLEANER COMET DEODORIZING POWDER  CLEANER MR. CLEAN BATH SCRUBBER  CLEANER MR. CLEAN MAGIC ERASER  PAINT OLYMPIC 15-YEAR SEMIGLOSS  PAINT PSX 1001  SEALANT TEF-PASTE  BATTERY LITHIUM CARBON MONO-FLOURIDE BATTERY  CLEANER LYSOL BRAND DISINFECTANT ANTIBACTERIAL KITCHEN CLEANER  CLEANER LYSOL BRAND NEUTRA AIR SANITIZING SPRAY  CLEANER PROFESSIONAL MOP & GLO FLOOR SURFACE CLEANER  ADHESIVE C6 EPOXY ADHESIVE  CLEANER VIPER BRITE  LUBRICANT RAPID TAP  ADHESIVE HH-68 VINYL CEMENT  CLEANER GUNK BRAKE PARTS CLEANER  PAINT 1987830 FLUORESCENT ORANGE  PAINT 312816 GLOSS RICH JADE GREEN  PAINT 312816 GLOSS RICH JADE GREEN  PAINT T724 SAIL BLUE  PAINT T724 SAIL BLUE  PAINT INDUSTRIAL CHOICE AEROSOL - PRIMER  SOLVENT INDUSTRIAL CHOICE AEROSOL - PRIMER  SOLVENT INDUSTRIAL CHOICE AEROSOL - PRIMER  SOLVENT INDUSTRIAL CHOICE AEROSOL - PRIMER  PAINT NEVERWET TOP COAT  PAINT NEVERWET TOP COAT  PAINT NEVERWET TOP COAT  PAINT NEVERWET TOP COAT  PAINT PRO SPRAY PRIMER - FLAT  PAINT PRO SPRAY PRIMER - GLOSS  LUBRICANTI NO-OX-ID A-Special	ASSORBENT ACTIVATED ALUMINA PRODUCTS GAS COMPRESSED GASES n.o.s (Acetylene) PRAXAIR GAS COMPRESSED GASES n.o.s (NITROGEN, CARBON MONOXIDE) PRAXAIR GAS COMPRESSED GASES n.o.s (NITROGEN, CARBON MONOXIDE) PRAXAIR GAS COMPRESSED GASES n.o.s (NITROGEN, NITRIC OXIDE) PRAXAIR GAS COMPRESSED GASES n.o.s (Onygen) PRAXAIR GEANER COMET DEDODRIZING POWDER PROCTOR & GAMBLE CLEANER MR, CLEAN BATH SCRUBBER PROCTOR & GAMBLE CLEANER MR, CLEAN MAGIC ERASER PROCTOR & GAMBLE PAINT OLYMPIC 15-YEAR SEMIGLOSS PROCTOR & GAMBLE PAINT PSX 1001 PROCTOR & GAMBLE SEALANT TEF-PASTE RAMCO CLEANER LYSOL ANTIBACTERIAL KITCHEN CLEANER RECKITT BENCKISER CLEANER LYSOL BRAND DISINFECTANT ANTIBACTERIAL KITCHEN CLEANER RECKITT BENCKISER CLEANER LYSOL BRAND NEUTRA AIR SANITIZING SPRAY RECKITT BENCKISER CLEANER PROFESSIONAL MOP & GLO FLOOR SURFACE CLEANER RECKITT BENCKISER ADHESIVE C& EPOXY ADHESIVE REDHEAD CLEANER VIPER BRITE REFRIGERATION ADHESIVE C& EPOXY ADHESIVE REDHEAD CLEANER VIPER BRITE REFRIGERATION ADHESIVE HH-88 VINYL CREENT RAMCO CLEANER GUIK BRAKE PARTS CLEANER RUST-OLEUM PAINT 312816 GLOSS RICH JADE GREEN RUST-OLEUM PAINT 312816 GLOSS RICH JADE GREEN RUST-OLEUM PAINT 1087830 FLUORESCENT ORANGE RUST-OLEUM PAINT 110DUSTRIAL CHOICE AFROSOL - PRIMER RUST-OLEUM PAINT INDUSTRIAL CHOICE AFROSOL - PRIMER RUST-OLEUM PAINT NOUST-OLEUM PAINT PRO SPRAY PRIMER - FLAT RUST-OLEUM PAINT NEVERWET TOP COAT RUST-OLEUM PAINT PRO SPRAY PRIMER - FLAT RUST-OLEUM CLEANER PLEEDE MULTI-SU

BOOK 2	LUBRICANT	TOTAL-LUBE #911	SEALWELD CORPORATION	Y
воок з	PAINT	16-3395 C-2 SKY WHITE	SEYMOR	Y
воок з	PAINT	16-1617 ORANGE FLUORESENT	SEYMOUR	Y
воок з	PAINT	1987830 FLUORESCENT ORANGE	SEYMOUR	Υ
воок з	SOLVENT	SPRAY MATCH SOLVENT	SEYMOUR	Υ
воок з	PAINT	SHARPIE MARKERS	SHARPIE	Υ
воок з	OIL	SHELL TELLUS S2 M 46	SHELL	Υ
воок з	SOLVENT	BUTYL CELLOSOLVE	SHERWIN WILLIAMS	Υ
воок з	PAINT	KRYLON INDUSTRIAL CLEAR GLOSS 7900	SHERWIN WILLIAMS	Υ
воок з	PAINT	KRYLON INDUSTRIAL IRON GUARD DTM WATER-BASED ANTI-RUST ACRYLIC COATING, SAFETY RED	SHERWIN WILLIAMS	Υ
воок з	PAINT	MACROPOXY 646 FAST CURE EPOXY COATING (PART A), MILL WHITE	SHERWIN WILLIAMS	Y
воок з	PAINT	PROMAR 400 INTERIOR LATEX FLAT PAINT, EXTRA WHITE	SHERWIN WILLIAMS	Y
воок з	PAINT	SOLO ACRYLIC SEMI-GLOSS	SHERWIN WILLIAMS	Υ
воок з	PAINT	TILE-CLAD HIGH SOLIDS ENAMEL	SHERWIN WILLIAMS	Υ
воок з	PAINT	TILE-CLAD HIGH SOLIDS GLOSS	SHERWIN WILLIAMS	Υ
воок 1	CLEANER	SHINE UP LEMON - FURNITURE	SHINE UP	Υ
воок 4	WATER TREATMENT	Glycerol	SIGMA-ALDRICH	Υ
воок 1	ADHESIVE	SIKAFLEX 221	SIKA CORP	Y
воок з	SEALANT	SILITHANE 803 GRAY	SILITHANE	Ϋ́
воок 1	CLEANER	SIMPLE GREEN LIME SCALE REMOVER	SIMPLE GREEN	Υ
воок 1	CLEANER	SOFTSOAP NON-ANTIBAC. LIQUID HAND SOAP	SOFTSOAP	Y
воок 1	CLEANER	WESTLEY'S BLECHE-WITE	SOPUS	Υ
воок 1	CLEANER	VIRGINIA SCALE REMOVER	SPORLAN	Υ
воок з	SOLVENT	SPOTCHECK CLEANER	SPOTCHECK	Υ
воок з	SOLVENT	SPOTCHECK DEVELOPER	SPOTCHECK	Y
воок з	SOLVENT	SPOTCHECK PENETRANT	SPOTCHECK	Υ
ВООК 4	WATER TREATMENT	SODIUM NITRATE / NITEROX	SQM - Univar	Υ
воок з	PAINT	CHALK - ORANGE	STANLEY	Υ
воок 1	CLEANER	DUST MOP AND DUST CLOTH TREATMENT	STAPLES	Y
BOOK 1	CLEANER	GLASS & MIRROR CLEANER	STAPLES	Y
BOOK 1	CLEANER	ONE STÉP FLOOR CLEANER	STAPLES	Y
BOOK 1	CLEANER	SE61 GLASS CLEANER CONCENTRÁTE	STAPLES	Y
воок 1	CLEANER	STAINLESS STEEL CLEANER	STAPLES	Y
BOOK 2	LUBRICANT	TAP MAGIC PRO TAP	STECO	Υ
BOOK 1	CLEANER	CRYSTAL CLEAN DAILY CLEANER (DETERGENT)	STONE PRO	Υ
воок з	SOLVENT	ACETONE	SUNNYSIDE	Y
BOOK 1	CLEANER	SIMPLE GREEN CLEAN BUILDING BATHROOM CLEANER CONCENTRATE	SUNSHINE MAKERS	Y

BOOK 2	FUEL	GASOLINE, UNLEADED	TESORO	Y
воок 1	ADHESIVE	TITEBOND ORIGINAL WOOD GLUE	TITEBOND	Y
воок з	PAINT	ENDURA-SHIELD II WHITE SERIES 1074 PART A	TNEMEC	Υ
BOOK 3	PAINT	ENDURA-SHIELD II WHITE SERIES 1074 PART B	TNEMEC	Y
BOOK 3	PAINT	ENDURA-SHIELD II WHITE SERIES 1075	TNEMEC	Υ
воок з	SOLVENT	NO. 42 THINNER	TNEMEC	Y
BOOK 2	LUBRICANT	VASELINE LOTION	UNILEVER	Υ
BOOK 1	CLEANER	PUMIE SCOURING STICK	UNITED STATES PUMICE CO.	Y
BOOK 1	ADHESIVE	PRO-POXY 400	UNITEX	Y
BOOK 4	WATER TREATMENT	ANHYDROUS CALCIUM CHLORIDE	UNIVAR	Y
BOOK 4	WATER TREATMENT	CALCIUM CHLORIDE	UNIVAR	Υ
BOOK 4	WATER TREATMENT	CAUSTIC SODA (All Grades)	UNIVAR	Υ
BOOK 4	WATER TREATMENT	CAUSTIC SODA LIQUID (50%)	UNIVAR	Υ
BOOK 4	WATER TREATMENT	MAGNESIUM CHLORIDE	UNIVAR	Υ
BOOK 4	WATER TREATMENT	MANGANOUS SULFATE MONOHYDRATE	UNIVAR	Υ
BOOK 4	WATER TREATMENT	SODIUM SULFATE ANHYDROUS	UNIVAR	Υ
BOOK 1	ACID	SULFURIC ACID	UNIVAR	Υ
BOOK 4	WATER TREATMENT	SODIUM CHLORIDE	UNIVAR - Morton Salt	Υ
воок 4	WATER TREATMENT	TERRA ALBA F&P	US GYPSUM CO.	Υ
ВООК 2	LUBRICANT	VAL-TEX 2000 BULK LUBRICANT	VAL-TEX	Υ
BOOK 4	WATER TREATMENT	ANTIFREEZE COOLANT	VALVOLINE/ASHLAND	Υ
BOOK 2	FIRST AID .	GERM-X HAND SANITIZER	VI-JON	Υ
BOOK 2	FIRST AID	BURN-JEL.	WATER JET	Υ
BOOK 1	CLEANER	SUNGLASSES MAXIMUM DURABILITY UHS FLOOR FINISH	WAXIE	Υ
BOOK 2	LUBRICANT	WD-40 AEROSOL	WD-40	Υ
воок з	SEALANT	BUTYL RUBBER CAULK	WHITE LIGHTNING	Υ
BOOK 2	GAS	BERNZOMATIC OXYGEN	WORTHINGTON	Y
BOOK 2	GAS	BERNZOMATIC PROPANE	WORTHINGTON	Y
BOOK 2	GAS	MAP-PRO TORCH FUEL	WORTHINGTON	Y
BOOK 2	FIRST AID	3-IN-1 OINTMENT	ZEE MEDICAL INC.	Y
BOOK 2	FIRST AID	ANTIBACTERIAL MOIST TOWELETTES	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	ANTI-DIARRHEAL CAPLETS	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	ANTISEPTIC SPRAY	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	ANTISEPTIC WIPES	ZEE MEDICAL INC.	Υ.
BOOK 2	FIRST AID	BURN RELIEF SPRAY, NON AEROSOL	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	DERMA FLEUR LOTION	ZEE MEDICAL INC.	Υ
		,		

BOOK 2	FIRST AID	EXTRA STRENGTH UN-ASPIRIN TABLETS	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	EYE DROPS	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	EYE WASH	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	EYE/SKIN BUFFERED FLUSHING SOLUTION	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	FIRST AID CREAM	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	HYDROCORTISONE CREAM	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	IBUTAB TABLETS	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	INSTANT ICE PACK	ZEE MEDICAL INC.	Υ
воок 2	FIRST AID	PAINAID TABLETS	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	PEPT-EEZ TABLETS	ZEE MEDICAL INC.	Y
BOOK 2	FIRST AID	SOOTHE-AID LOZENGES	ZEE MEDICAL INC.	Υ
BOOK 2	FIRST AID	TRIAL ANTACID TABLETS	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	WATER-JEL BURN DRESSING	ZEE MEDICAL INC.	Υ
ВООК 2	FIRST AID	WOUNDSEAL POWDER	ZEE MEDICAL INC.	Υ
воок з	SOLVENT	ID RED DEGREASER	ZEP	Υ
воок 1	CLEANER	ZEP ANTIBACTERIAL DISINFECTANT & CLEANER WITH LEMON	ZEP	Υ
воок 1	CLEANER	ZOK MX	ZOK	Υ
BOOK 2	GAS	METHANE - 2.5% (50%LFL) AIR - BALANCE (CALIBRATION GAS)	DET TRONICS	. Y

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Sentine	Energy Project 07-AFC-3C Annual Compliance Report Number 6
	ATTACHMENT 5
	ATTACHMENT 5
	WASTE MANAGEMENT METHODS AND WASTE MANIFESTS
	WASTE MANAGEMENT METHODS AND WASTE MANIFESTS
	WASTE MANAGEMENT METHODS AND WASTE MANIFESTS (PER WASTE-11)
	(PER WASTE-11)

From:

Lily Cardenas

To: Subject: Fong, Jonathan@Energy 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:l.cardenas@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...

CPV Sentinel LL	C - EPA No:	CAR00021812	13				P = .0005, G=.00417, T	=1.0		Year 2018		
Audit Period	Manifest Count	Final Rec'd	Manifest Number	Date Waste Shipped	Waste Code	Quantity	Measurement Type	Conversion Factor	Hazardous Tonnage	Date Manifest Sent to DTSC	Monthly Tonnage	
2018	1	2/28/18	011289884FLE	1/26/2018	223	1300	P	0.0005	0.6500	2/28/2018		
2018	1 1	2/28/18	011289884FLE 011289884FLE	1/26/2018	352 141	800 15	P	0.0005	0.4000	2/28/2018 2/28/2018	1.0575	
2018	2	3/16/18	011705238FLE	2/19/2018	223	580	P	0.0005	0.2900	2/28/2018	1.0373	
2018	2	3/16/18	011705238FLE	2/19/2018	122	15		0.0005	0.0075	2/28/2018		
2018	2	3/16/18	011705238FLE	2/19/2018	512	15	Р	0.0005	0.0075	2/28/2018		
2018	3	3/8/18	011705239FLE	2/19/2018	352	220	Р	0.0005	0.1100	2/28/2018	0.4150	
2018	4	3/19/18	011760096FLE	3/5/2018	352	650	Р	0.0005	0.3250	3/16/2018		
2018	4	3/19/18	011760096FLE	3/5/2018	352	250	P	0.0005	0.1250	3/16/2018		
2018	5 6	3/19/18 4/5/18	011760097FLE 011760098FLE	3/5/2018 3/5/2018	223 181	1200	P	0.0005	0.6000	3/16/2018 5/23/2018	1.0525	
2018	7	5/14/18	01170098FLE	4/17/2018	331	75		0.0005	0.0025	5/24/2018	1.0323	
2018	8	5/14/18	011714890FLE	4/16/2018	223	1100	P	0.0005	0.5500	5/24/2018		
2018	9	5/14/18	011714892FLE	4/16/2018	352	200	Р	0.0005	0.1000	5/23/2018		
2018	10	5/14/18	011714893FLE	4/16/2018	352	100	Р	0.0005	0.0500	5/24/2018	0.7375	
2018	11	6/9/18	011901464FLE	6/4/2018	223	350	Р	0.0005	0.1750	7/10/2018		
2018	11	6/9/18	011901464FLE	6/4/2018	352	400	Р	0.0005	0.2000	7/10/2018		
2018	12	6/9/18	011901465FLE	6/4/2018	352	80		0.0005	0.0400	7/10/2018		
2018	13	07/18/18	011901475FLE 011901475FLE	6/4/2018	181 181	10 25	P	0.0005	0.0050	7/19/2018 7/19/2018	0.4325	
2018	14		018368047JJK	7/24/2018	352	9000	P	0.0005	4.5000	8/14/2018	0.4325	
2018	15	TORON STATE	018368048JJK	7/24/2018	352	9000	p	0.0005	4.5000	8/14/2018	9.0000	
2018	16	N/a	Quinn Owned-No #	8/7/2018	221	7	G	0.00417	0.0000		0.0000	
2018	17	9/24/18	011888196FLE	9/24/2018	223	1500	Р	0.0005	0.7500	10/17/2018		
2018	17	9/24/18	011888196FLE	9/24/2018	122	15	Р	0.0005	0.0075	10/17/2018		
2018	17	9/24/18	011888196FLE	9/24/2018	352	1000	Р	0.0005	0.5000	10/17/2018		
2018	17	9/24/18	011888196FLE	9/24/2018	352	10	Р	0.0005	0.0050		4 5425	
2018	18		011888197FLE 012243834FLE	9/24/2018	221	700	P	0.0005	0.3500	10/17/2018	1.6125	
2018	19 19	11-/27/18	012243834FLE	10/29/2018	223 352	600 450	P	0.0005	0.3000	11/27/2018		
2018	19	11/27/18	012243834FLE	10/29/2018	512	100	P	0.0005	0.0500	11/27/2018		
2018	20	11/13/18	012243835FLE	10/29/2018	352	600	Р	0.0005	0.3000	11/27/2018		
2018	20	11/13/18	012243835FLE	10/29/2018	352	800	Р	0.0005	0.4000	11/27/2018		
2018	21	11/27/18	012243837FLE	10/29/2018	221	900	P	0.0005	0.4500	11/27/2018	1.7250	
2018							Р	0.0005	0.0000			
2018							P	0.0005	0.0000			
2018					_		G P	0.00417	0.0000			
2018							P	0.0005	0.0000			
Totals-Tons			Hazardous Waste	Year to date				3.000	16.0325		16.0325	
NON-RCRA M	IANIFESTS Manifest	5-2018	NON-Hazardous Wa	ste Date Shipped	Waste	Quantity	Measurement	Conversion	Load Total-	Monthly Total		
	Count			- / //	Code		Туре	Factor	Tons		D-i	Description
2018	2	-	OC-01221826A 674220	1/22/2018 2/19/2018	NH	5000	G P	0.00417	20.8500 0.0035		Brine water Buffer Powd	er Pillowe
2018	3		0085182	2/19/2018	CF-NH	35	P	0.0005	0.0035		Fluor. Bulbs	
2018	3		0085182	2/19/2018		12	P	0.0005	0.0060			nps Univ.Waste
2018	4		128023	3/14/2018	NH	4800	G	0.00417	20.0160		Brine water	
2018	5		0137181	4/16/2018	DF-NH	15	Р	0.0005	0.0075		Universal W	aste-aerosols
2018	6		128150	4/17/2018	NH	4800	G	0.00417	20.0160		Brine water	
2018	7		128668	5/1/2018	NH	4800	G	0.00417	20.0160		Brine water	
2018	8		128830	5/11/2018	NH	5000	G	0.00417	20.8500		Brine water	
2018	9		128831	5/14/2018	NH	5000 5000	G	0.00417	20.8500		Brine water	
2018	10		128899 128900	5/15/2018 5/16/2018	NH NH	5000	G	0.00417	20.8500	IV.	Brine water Brine water	
2018	12		128988	5/17/2018	NH	4000	G	0.00417	16.6800		Brine water	
2018	13		05212018TL	5/21/2018	NH	2250	G	0.00417	9.3825		Brine water	
2018	14		128989	5/22/2018	NH	2500	G	0.00417	10.4250		Brine water	
2018	15		128990	7/1/2018	NH	4800	G	0.00417	20.0160		Brine water	
2018	16		0116762	9/24/2018	NH	10	Р	0.0005	0.0050		Universal W	aste-aerosols
2018	17		125905	10/13/2018	NH	3500	G	0.00417	14.5950		Brine water	
2018	18		0148429	10/29/2018	NH	15	Р	0.0005	0.0075		The same of the same of the same	aste-aerosols
2018 Tatala	19		0223989	11/27/2018	NH	4500	G	0.00417	18.7650		Blow Down	Water NonHaz
Totals			NonHazardous Waste	(Brine Water)					254.2085			

	C - EPA No:	CAR000218123				P = .0005, G=.00417, T	=1.0			Year	2019
Audit Period	Manifest Count	Date Waste Shipped	Manifest Number	Waste Code	Quantity	Measurement Type	Conversion Factor	Hazardous Tonnage	Final Signed Copy Rec'd	Date Manifest Sent to DTSC	Monthly Tonnage
2019	1	1/30/2019	009827707FLE	352	380	Р	0.0005	0.1900	2/21/19	2/26/2019	
2019	1	1/30/2019	009827707FLE	331	95	P	0.0005	0.0475	2/21/19	2/26/2019	
2019	2	1/30/2019	009827708FLE	221	25	G	0.00417	0.1043	2/21/19	2/26/2019	
2019	2	1/30/2019	009827708FLE	512	140	Р	0.0005	0.0700	2/21/19	2/26/2019	
2019	0	1/30/2019	Job# 01-19-00137		40	Р	0.0005	0.0200			0.431
2019	3	5/13/2019	013530736FLE	352	200	Р	0.0005	0.1000	6/6/19	6/10/2019	
2019	4	5/13/2019	013530737FLE	181	10	Р	0.0005	0.0050	6/6/19	6/10/2019	
2019	4	5/13/2019	013530737FLE	181	5	Р	0.0005	0.0025	6/6/19	6/10/2019	
2019	4	5/13/2019	013530737FLE	352	900	Р	0.0005	0.4500	6/6/19	6/10/2019	
2019		-,,				P	0.0005	0.0000		3/20/2020	0.557
2019	5	8/5/2019	013530682FLE	352	250	P	0.0005	0.1250	8/16/19	8/23/2019	0,007
2019	6	8/5/2019	013530686FLE	181	20	P	0.0005	0.0100	8/19/19	8/23/2019	
2019	6		013530686FLE	181	20	P	0.0005	0.0100		8/23/2019	
	100	8/5/2019	CONTRACTOR AND	352					8/19/19		
2019	7	8/5/2019	013530683FLE	352	350	Р	0.0005	0.1750	8/20/19	8/23/2019	0.320
2019	8	9/3/2019	013786545FLE	181	5	Р	0.0005	0.0025			0.320
2019	8	9/3/2019	013786545FLE	181	5	P	0.0005	0.0025			
	8			352	1500	P					
2019		9/3/2019	013786545FLE				0.0005	0.7500			
2019	8	9/3/2019	013786545FLE	352	5	P	0.0005	0.0025			
2019	9	9/3/2019	013786544FLE	D002, 122	5	P	0.0005	0.0025			0.750
2019						Р	0.0005	0.0000			0.760
2019						G	0.00417	0.0000			
2019						Р	0.0005	0.0000			
2019						Р	0.0005	0.0000			
2019						G	0.00417	0.0000			
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2019						G	0.00417	0.0000			
2019						Р	0.0005	0.0000			
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			Hazardous Waste					2.0693			2.069
Totals-Tons		Year to date	Hazaradas Fraste								
Totals-Tons		Year to date	AL MARINE			12.05					W 1-35
	IANIFESTS		NON-Hazardous Wa	aste							
	IANIFESTS Manifest Count	-2018 Date Shipped		a <b>ste</b> Waste Code	Quantity	Measurement Type	Conversion Factor	Load Total- Tons	Monthly Total		Description
ION-RCRA M	Manifest	-2018	NON-Hazardous Wa	Waste Code	Quantity 3500		100000000000000000000000000000000000000	Tons	Total	Blow Down Wa	
NON-RCRA M Audit Period	Manifest Count	-2018 Date Shipped	NON-Hazardous Wa	Waste Code	in a myde.	Туре	Factor	Tons	Total		ater NonHaz
NON-RCRA M Audit Period	Manifest Count	-2018 Date Shipped	NON-Hazardous Wa	Waste Code	in a myde.	Type G	Factor 0.00417	Tons 14.5950	Total 14.60	Blow Down Wa	ater NonHaz
NON-RCRA N Audit Period 2019	Manifest Count 1	2018 Date Shipped 2/27/2019	NON-Hazardous Wa Reference Number NH 0227889	Waste Code NH	3500	Type G G	0.00417 0.00417	Tons 14.5950 0.0000	Total 14.60	Blow Down Wa Buffer Powder	ater NonHaz Pillows
NON-RCRA N Audit Period 2019	Manifest Count 1	2018 Date Shipped 2/27/2019	NON-Hazardous Wa Reference Number NH 0227889	Waste Code NH	3500	Type G G P	0.00417 0.00417 0.0005 0.0005	Tons 14.5950 0.0000 0.0400 0.0000	Total 14.60	Blow Down Wa Buffer Powder Fluor. Bulbs Mercury Lamp	ater NonHaz Pillows
NON-RCRA IV Audit Period 2019 2019	Manifest Count 1	2018 Date Shipped 2/27/2019 8/5/2019	NON-Hazardous Wa Reference Number NH 0227889 WO# DW1904088526	NH CF-NH	3500 80	Type G G P P	9.00417 0.00417 0.0005 0.0005 0.000417	Tons 14.5950 0.0000 0.0400 0.0000 0.0000	Total 14.60 0.04	Blow Down Wa Buffer Powder Fluor, Bulbs Mercury Lamp Brine water	ater NonHaz Pillows s Univ.Waste
NON-RCRA N Audit Period 2019	Manifest Count 1	2018 Date Shipped 2/27/2019	NON-Hazardous Wa Reference Number NH 0227889	Waste Code NH	3500	Type G G P P G	9.00417 0.00417 0.0005 0.0005 0.00417 0.0005	Tons 14.5950 0.0000 0.0400 0.0000 0.0000 0.0100	Total 14.60 0.04	Blow Down Wi Buffer Powder Fluor. Bulbs Mercury Lamp Brine water Universal Wasi	ater NonHaz Pillows s Univ.Waste
NON-RCRA IV Audit Period 2019 2019	Manifest Count 1	2018 Date Shipped 2/27/2019 8/5/2019	NON-Hazardous Wa Reference Number NH 0227889 WO# DW1904088526	NH CF-NH	3500 80	Type G G P P G G	Factor 0.00417 0.00417 0.0005 0.0005 0.00417 0.0005	Tons 14.5950 0.0000 0.0400 0.0000 0.0000 0.0100 0.0000	Total 14.60 0.04	Blow Down Wi Buffer Powder Fluor. Bulbs Mercury Lamp Brine water Universal Wast Brine water	ater NonHaz Pillows s Univ.Waste
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### DW 180481531A

SC PPW 7/12/2018

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		enerator's Name and Mailing Address Entened Energy Cerker, LLC D Box 1328		Generator's Site			an mailing addres	s)			
		esert Hot Swings, CA 52240 erators Phone! 780\600-0330 ATTM:Dirk Voss	}	North Pal			92256				1
$\ $	8.77	associar Tompany Name ean Harbors Environmental Services, Inc.					U.S. EPAID N		3222	<b>60</b>	
	7, 17	ansporter 2 Company Name	-				U.S. EPAID N	lumber			
<b> </b>	8. De	esignated Facility Name and Site Address  Brain Harbors Witmingbors LLC		·	<del>_</del> ,,,,	<u></u>	Ú.S. EPA ID N	lumber			
	1.7	'37 East Denni Street Imination. CA 90744					CADO	444	1298	35	į
П		lity's Phone; (31.01.835-9998					1				- 1
	9a, HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		<u> </u>	0. Containers	Туре	11. Total Quantity	12. Unit Wt./Vol.	13.1	Waste Code	15
Tog L		WON-RCRA HAZARDOUS WASTE, LIQUIDS, (USED OI	L)	2		m	700	0	221		
GENERATOR	<u> </u>	(2.	· · · -				100	(			
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	14.8	ogcjaj Handling Instructions and Additional Information	<del></del>			1			<u> </u>		
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		GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this marked and labeled/placarded, and are in all respects in proper condition for transport acco- Exporter, I certify that the contents of this consignment conform to the lerms of the attached	ording to applic d EPA Acknowi	able international ecoment of Cons	l and national ient.	governni	entel regulations.	pping pame If exportsi	e, and are class sipment and i a	sifled, packa am Ihe Prima	aged, ary
		I cartify that the waste minimization statement identified in 40 CFR 262.27(a) (if 1 am a largirators) Printed/Typed Nature.		erator) or (b) (if I a	em a small que	antity gen	verator) is true.	····	Mon	th Day	Year
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TER	17. Tr	rangaporter Acknowledgment of Receipt of Materials  Fortign 1 Printed/Typed Name	Sior	nahafé )		,			Mon	th Day	Year
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TRANSPORTER	Trans	porter 2 Printed/Typed Name	Shar 	fabire					Mor	ith Day	Year
1	18. Di	screpancy									
	18a. (	Obscrepancy Indication Space Quantity Type		Resk	gries		Partial Roje	ection	[	Full Reje	əcilon
<u>۲</u>	18b. A	Alternate Facility (or Generator)	·	Manifest R	telerence Nun	nber:	U.S. EPAID N	umber			
Ş	Pa - 1171	Phone:					1				
DESIGNATED FACILITY		ty's Phone: Signature of Allemate Facility (or Generator)		<del> </del>					Mo	nth Day	/ Year
흜		azardous Waste Report Management Melhod Codes (i.e., codes for hazardous waste treat	mont disposal	Add as so with a state	ietomoù				,		
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SHO		141	3,	ane recycling sy	0(6)(2)		4.	L-,			
	1. <b>H</b>		3,				4.				
NESI	1. 🙀 20. De	141 2.	3. ed by the manife				4.		Mo	ndh Day	Year

9/24/18 Rulasy-This is considered Universal waste - Non HAZ-

Site Address:

15775 Melista Lane North Palm Springs,CA 92258

90 PPW 7/12/2018 WORK ORDER NO DW 1804815514

DOCUMENT N	o. 011	6762	2	STRAIGHT BIL	L OF LADING		., .,	
TRANSPORTE	R.1	Clean Ha	aiors Envir	onnentai Service	es, Inc. VI	EHICLE ID	#	5585_
EPA ID#		MADO	<del>393222</del>	<del>50</del>	TF	RANS. 1 PH	IONE(783)	<del>792-8000</del>
TRANSPORTE	R 2				VI	EHICLE ID	#	
EPA ID#					TF	RANS. 2 PH	IONE	
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DESIGNATED	FACILITY				SHIPPER	ATTN:Oirk V	nes	
	larborg San	Jose LLC	• •		_ Sentinel Energy (	'enter, LLC	14 A A A A A A A A A A A A A A A A A A A	
FACILITY EPA	ID#				SHIPPER EPA ID	#		A <sup>12</sup>
CADO	594943	10			CAROCOZIE	123		
ADDRESS				•	ADDRESS		-	
1021 B	enyessa Ro	ad			PO Sox 1.328			
CITY			STATE	ZIP	CITY		STATE	ZIP
San Jos	<b>P</b>		CA	95133	Desert Hot Sprin	15-6	CA	92240
CONTAINERS NO. & SIZE	TYPE	НМ		DESCRIPTION	ON OF MATERIALS		TOTAL QUANTITY	UNIT WT/VOL
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SPECIAL HAN A.CH1585026		FRUCTI	ONS EME	agency phone #	e (800) 463-5718	ENERATOR:	L Sentinel Energy	Center, LLC
OUR	DEDE CEO	TIPIOA	TION. This		the charge pared water			

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 V	PRINT ( ) SS	SIGN	DATE
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A second	2 06 / 1
1	PRINT	sign, 2-2	DATE
TRANSPORTER 1	Kami) Lauluc	A desired to the second	9-24-16-
	PRIÑT	SIĞN "	DATE
TRANSPORTER 2		<u> </u>	
	PRINT	SIGN	DATE
RECEIVED BY			

For 1200 Paragraph 12 Find 12 and 12 and 12 and will accept the wante the general Signation Early to destination state (if required)

ripted Typed Nank

Site Address:

15775 Melissa Lang Horth Palm Springs,CA 92258

#### SCPPW 7/12/2018

# WORK ORDER NOW 1806456120

DOCUMENT NO	. 014	842	07	STRAIGHT BIL	L OF LADING			· ·
TRANSPORTER	1	Clean Ha	erbors Erwiro	nmantal Service	s, Ino.	VEHICLE ID	)#'	2545
EPA ID#		MADO	3932221	) () ·		TRANS. 1 P	HONE 0	11) 792-5000
TRANSPORTER	2					VEHIÇLE ID	)#	, , , , , , , , , , , , , , , , , , ,
EPA ID #						TRANS. 2 P	HONE	
DESIGNATADI	FACILUTA	Jose LLC			SHIPPER, Em	ATTN:INT Fray Ceraer, LL	Vons C	<u>.</u>
FACILITY	<b>!8</b> #943	10			SHIPPER FRA	<b>\P</b> #123		
ADDRESS 1 De	rryessa Ro	ad	- 100 - 100		ADDRESS 32	<b>8</b>		
CITY San Jose	<b>)</b> ,	<u> </u>	STATE	ZIRASS	CITIY CONTROL HOL	liprings	STATE	ZIP2240
CONTAINERS NO. & SIZE	TYPE	НМ	ing a court	DESCRIPTION	N.OF.MATERIAL	Seperation 4	TOTAL QUANTIT	UNIT Y WT/VOL
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SRECIAL HANE	ifiNd ins	TRUCTI	ONS		<del>,                                    </del>	**************************************	, <u>12 W 1932 1158 1.30 C</u>	The second of th
CHID	DEBS CEI	STIEICA.	TION: This is	s to cartify that	the above named	materials are n	roneriv clase	ified

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.

	make the make th	
SHIPPER Y COR 125	SIGN	DATE
TRANSPORTER 1 PRINT OF SMILES	SIGN	DATE
PRINT	SIGN	DATE
TRANSPORTER 2		
PRINT	SIGN	DATE
RECEIVED BY		

Signature

2. HO39

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

11039

Printed Typed Name

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-		nuit of types	1. Generator ID N	Munhar		12 Uson 1 o	I a Ema	rgency Respon	Okann	· I'd Wantfast	Wanking K	himber	, UMP NO.	. ՀԱԾԾ-ԱՄՆ
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11	8. [	Designated Facility Name er Lean Hortogra W	d Site Address			<del>- 1141 </del>				Ü.S. EPA ID I	Number			/mmiarra//
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П	Î	Vilminaton, CA 9	0744											
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	l						Ma	njiest Reimana	io Number:					
	18b.	Alternate Facility (or Genera	ator)							U.S. EPA IO N	lumbor			
CE	i													
臣	Facili	ty's Phone:												
DESIGNATED FACE ITY	18c.	Signature of Alternate Facili	ly (or Generalor)					-				Me	nija Day	y Year
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		esignated Facility Olynor of ed/Typed Namo	Operator: Certifica	ation of receipt of	( mazardous influencis covi		kieture Kieture	n as nuceo in 116	na 108	<del>*  /</del>		Mo	nth Day	> Year.
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EPA Form 8700-22 (Rev. 12-17). Previous editions are obsolete.

Clean Harpers has the appropriate permits for and will accept the waste the generator is shipping. ACILITY TO EPA's e-MANIFEST



RC DEPT MASKE RES 16411 LAMB CANYON RD BEAUTIONT. CA. 32223 551-486-3200



WEIGHWASTER CERTEXCATE

THIS IS TO CERRIFY that the following described commodity was meighted, moreover, or counted by a welchmarker, whose signature is on this confliction, who is a recognized authority of accuracy, as prescribed by Chapter 7 [commencing with Section 12700] of Division 5 of the California Business and Professions Code, arimitatered by the Division of Measurement Standards of the California Begantment of Food and Agriculture.

Welghad at: 16411 Lamb Canyon Road, Beautment, CA HARSTE DISPOSAL OFFICIAL RECEIPT

Trans #:

6.35

661126

\$39.31

6569352

11/26/2018

FOR CREDIT, ACCOUNTING INFO AND DISPOSAL SITE OPERATIONS PHONE 1-951-468-3200

Sale

| No. | No.

Site #: 131 LAMB CANYON NT

91

IS ROUTINE REFUSE

Joode:

\*ILTER CLAY - A#=061758

09:41:36
Gross Tons:
Tare Tons:
Net Tons:

14.23 K 6,35 \$249,50

20.58 S

\$249.50

Balance: Process Fee:

Amt Due:

\$249.50 \$0.75

Amt Charged:

\$0.75 \$250.25

CUSTOMER COPY

Tons at

Chatoner Copy THANK YOU!

DEPARTMENT OF WASTE RESOURCES

14310 FREDERICK STREET, MORENO VALLEY, CA 92563

**WEIGHASTER CERTIFICATE** 

THIS IS TO CERTIFY that the following described minimality was weighed, measured, or counted by a weighnesser, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Obsper? (commencing with Section 1200) of Univided of the California Despiress and Professions Code, estimated by the Univided of Measurement Sendance of the California Department of Food and Agricultum. Weighed at: 16411 Lamb Conyon Road, Beaumont, CA 51223.

6569352

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A.		. Emergency Response Phone	4. Waste T	Tracking Number 0223989	
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	S. Genomtor's Name and Mailing Address     Sentinel Energy Center     Att: Matt Mann G	Senerator's Site Address (II differen	nt Chân mailing noch	(893)	
$\ \cdot\ $	PO Box 1328	15775 Melissa Lans			Į
	Desert Hot Springs CA 92240 Generator's Phone:	North Palm Springs C	A 92258		
	6. Transporter 1 Company Name		U.S. EPA 10	Number	
	Patriot Environmental Services		LCAI	D O 5 3 8 6 8 7	94
	7, Transporter 2 Company Name		U.S. EPA ID	Number	ľ
	Designated Facility Name and Site Address	<del></del>	U.S. EPA ID	Number	
	PATRIOT WASTEWATER-21 314 W. FREEDOM				,
	ORANGE CA 92886		1 .		
	Facility's Phone: 714 021 4545	10. Containers	11, Total	T PEOULS	ED.
$\ $	9, Waste Shipping Name and Description	No. Type	Ovantity	WL/Vol.	
<u>.</u>	1. Non-Hazardoue Waste, Liquid				
GENERATOR	(Blow Down Water)		4,500		
	2.	0 0 1 TT	1711-	G	
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	Special Handling Instructions and Additional Information				
	ALWAYS WEAR APPROPRIATE PPE WHEN HANDLING WAST	E			i
١		_			•
	Profile Number: FOC-18-0057				-
	Job Number: 21-10-00212		to an all and a second	1201-21	
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this configuration marked and labeled/placarded, and are in all respects in proper condition for transport according to applicab	Ayana postrately described east gyge latemationel and national goyg	ramental regulation ramental regulation	ស៊ីទីតិពួ ជំនំរាំឱ្យទីវ៉ាល់ លុខ dassilled, p is.	ackaged,
	Generators/Cilieror's Printed/Typed Naved Signat			Month D	ay Year
	X Casey CORliss X	(m) (		1/1/2	7/8
	15. International Shipman's Import to U.S. Export from U.S.			-	
4	Transporter Signatup (for exports only): 16. Transporter Acknowledgment of Receipt of Materials	Date leaving U.S.			
ا	Transpoder 1 Printed/Typed Meme Signat	DJQ			ay Year
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TEMMOTOUTE	Transporter 2 Printed/Typed Name Signal	UII		″Month D }	Day Your
-	17. Discrepancy				
1	17a, Discrepancy Indication Spece Quantity Type	Residue	Partial Hel	ection Full F	łajeciżn
	True seatinfy No.		<u> </u>		iop
	17b. Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPÁ ID	Number	······································
;	I des mail trans for consistents.		-,		
	Facility's Phone;				
	17c. Signature of Allemate Facility (or Generator)			Month 13	)ay Year I
3					
DESIGNALED FACILITY					
		man and a state of the space of	· **		
	18. Dasignated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as Printed/Typed Name  A Signat			Month D	Day Your
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G	tC Labels • Printed in the USA		Reorder	Parts MANUFERT	CANHWO
-	DESIGNATED FACILITY TO	GENERATOR		nig_eby_e	

RC DEPT WASTE REG 16411 LAMB CANYON RO BENUMONT. CA. 92223 951-486-3200

RCES CA 92553

7603235132

PALM SPRINGS DISPOSAL
THIS IS TO CERTIFY that the following described comprodity was weighted, measured, or counted by a weighted set, whose a fignature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 6 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Disportment of Food and Agriculture, Weighod 8tt. 16411 Lamb Carryon Road, Egaumont, CA 50/25 TE DISPOSAL OFFICIAL RECEIPT

0001/0001 00001/0001

FOR CREDIT, ACCOUNTING INFO AND DISPOSAL SITE OPERATION PHONE 1-951-486-3200

Sale

**REBUXXXXXXXXXXX** VISA Entry Method: Chip

231.50

:OUNT

Site #: 31 LAMB CANYON

Trans #: 382955 09:54:54 12/27/2018

Total: \$

83

**Gross Tons:** Tare Tons:

20.28 S 14.41 K

12/27/18 Inv #: 000000029

Approd: Online

09:54:17 Appr Code: 073742

Jcode:

5.87 Tons at \$39.31 **Net Tons:** 5.87 \$230.75

VISA DEBIT

AID: A0000000031010

TVR: 80 80 00 89 00 TSI: 68 00

ETE/GRAVEL

\$230.75 \$230.75

Process Fee:

\$0.75

CUSTOMER COPY

Amt Charged: \$231,50

Amt Due:

Balance:

Customer Copy THANK YOU!



WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this derificate, who is a recognized authority of accuracy, as proscribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professiona Code, administered by the Civision of Measuroment Standards of the California Department of Food and Agriculture. Weighed at: 16411 Lemb Canyon Road, Beaumont, CA 92223

6608375

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Form Approved, OMB No. 2050-0039 Please print or type. UNIFORM HAZARDOUS 1. Generator D Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone TXR0000081205 00672392 WASTE MANIFEST . 5. Generator's Name and Mailing Address Generator's Site Address (if different than malling address) SAFETY-KLEEN SYSTEMS, INC. 7979 PALM AVE HIGHLAND CA 92346 909-862-8300 Generator's Phone: U.S. EPA ID Number Transporter 1 Company Name SAFETY-KLEEN SYSTEMS INC TXR0000081205 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number ADVANCED ENVIRONMENTAL, 13579 WHITTRAM AVENUE , CA 92335 FONTANA CAT080025711 909-356-9025 9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a. 13, Waste Codes and Packing Group (If any)) Nο. Type Quantity Wt/Vol НМ NON-RORA HAZARDOUS WASTE, LIQUID TT 6 221 (USED OIL) 00 14. Special Handling instructions and Additional information TSD:ADVEXP HIG CSG: 24H EMERGENCY#800-468-1760-CH/SK/TFI-Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's herialf.

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 Signature Month Day Year 16. International Shipments ∐Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name Signature Month Day Year Transporter 2 Printed/Typed Name Month Day Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Quantity \_\_ 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 19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment, disposal, and recycling systems) 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 Month Signature Day Year

Ple	ase print or type. (Form designed for use on elite (12-pitch) typewriter.)							OMB No.	2050-0039
1	UNIFORM HAZARDOUS 1. Generator ID Number CAROOO218123		624-9136		4. Manifest	982	umber 770	8 F	LE
	5. Generator's Name and Mailing Address Sentimed Energy Center P.O. Box 1328 Depart Hot Springs CA 92240 Generator's Phone: 7 6 0 2 8 8 - 7 9 0 0	157	alor's Sile Address tinel Energy 75 Mellsse I In Palm Spri	Center .n.	ian malilng addres	s)			
	6. Transporter I Company Name Patrick Environmental Sandress	व दक्ष हुन हुन स	7 561 CD	ikain mirani kan maran inan	U.S. EPAID N		386	679	A .
	7. Trensporter 2 Company Name	CEIV	/ 15	*	U.S. EPAID N		· · · · · · · · · · · · · · · · · · ·	*	
	8. Designated Facility Name and Site Address CROSBY & CW: RTON	EB 2 0 20	1 <del>9 U</del>		U.S. EPA ID N	lumber		· · · · · · · · · · · · · · · · · · ·	
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	9a. 9b. U.S. DOT Description (Including Proper Shipping Name, Hezard Class, ID Number,		10. Contain		11. Total	12. Unit		Waste Code	***************************************
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SEE	<sup>2</sup> Non RCRA Hazardous Weste, Solid (Emply Drums)			***************************************			512		
		nonne sammen men minne e men i Mi e kensema aksmen aksmen anne e	004	DM	140	p			
	3-Non-RCP64Hagerdaus-Weste, Solid-(Empty-Drums)						512		10 may 1 man apage ( 10 may 1 m
	4.	Mariy  		BF-		P)-		-	
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	14. Special Handling Instructions and Additional Information  1) Profile# 110735 Used Oil (x55)  2) Profile# 34499 Empty Motal Drum  3) Profile# 34499 Empty Motal Drum  4. Special Handling Motal Drum  4. Special Handling Handlin	EYS WEEL APP consignment are fully ording to applicable in I EPA Acknowledome	opriate PPC and accurately des emational and national Lof Consent.	cribed above nal governm	entaling was by the proper ship cental regulations.	to. JOE	, and ore clas	/ 🔑 🙉 sifled, pack	ged,
	Generator's/Olferor's Printed/Typed Name	Signalure	7.	/			Mon		Year
<u> 111</u>	18. International Shipments Import to U.S.	Export from U.S.	Port of ent	Vexit:		-A		199	
254	Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials	A STATE OF THE PROPERTY OF THE	Cale leavin					marking on the same of the sam	
ORTE	Transporter 1 Printed/Typed Name	Signature	or dan sahir ne sebalpun maharas				Mon 1	h Day	Year
TR ANSPORTER	Transporter 2 Printed Typed Name	Signature	2672	<u> </u>			IO Mon	ln Day	Year
<u>r</u>	18. Discrepancy			<del></del>	- The state of the	MOTOR DESIGNATION			
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ATED	18c. Signature of Alternate Facility (or Generator)	, <u>,</u>	C-1886 intificials (Anniounism) anniounism municipals				Moi	ılh Day	Year
ESIGN	19. Hazardous Waste Report Management Method Cedes (i.e., codes for hezardous waste trestr	nent, disposal, and re	sycling systems)						
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	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered Printed/Typed Name	d by the manifest exce Signalure	pt as noted in Item	18a //		F*	Mar	th Day	Year
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Ple	ase pr	rint or type. (Form designed for use on elite (12-pitch) typewriter.)						OMB No.	2050-0039			
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П					an mailing addres	ss)						
П	E	Sentified Energy Center P.O. Box 1328	solinai Energy	Center					i			
П		Desert Hot Springs CA 92240	Im Spri	nas CA	92258							
П		erator's Phone: 7 6 0 2 8 8 - 7 9 0 0	or at Illian Opin	inga On	GALUG							
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Ш	F	Patriot Environmental Services			CAD	0 5	388	6 7 9	4			
Н	7. Tra	ansporter 2. Company Name			U.S. EPAID N	lumber						
П		Industrial WEST CTIPENTY	reneau m		1 Al	D180	D. (3.	??				
П	B. De	esignated Facility Name and Site Address			U.S. EPAID N	lumber		9				
П		AA SYDCOL, LLC.										
П		2264 E. 13TH ST.										
П		/UMA AZ 85365 ity's Phone: 928 783-3676			IAZR	0.0	0.52	0 3 0	A			
11			1				002	0 0 0	~4			
П	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))					13.1	Waste Code:	5			
	FIN		No.	Type	Quantity	VVI./ VOI.						
18		Non RCRA Hazardous Waste, Solid (Oily Debris)	-				352					
ATC			0 = 2	D&A	320	D						
ENERATOR			000	Cares	220							
GEN		Non RCRA Hazardous Waste, Solid (Oil Filters)				0	331					
Ĭĭ			age 1 of 1 S. Emargency Response Phone 800 624-9136		·							
П			001		092							
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П	45											
П		marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable										
П		Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledge										
П	I	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator gator's/Offeror's Printed/Typed Name a Signature		quantity ger	nerator) is true.		Mon	th Day	Vear			
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FACILITY					ï				- 1			
		ty's Phone;						11-	EXC01-01			
巴	18C. S	Signature of Alternate Facility (or Generator)					Mor	in Day	Year			
SNA												
DESIGNATED	19. Ha	azardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and	recycling systems)									
님	1.	111111 2 111111			4.							
1		F1171 F1147										
		esignated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest e	and the state of t	18a								
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+		(A) 6-A9			-/-		/	-1	17			
FPA	Form	8700-22 (Rev. 3-05) Previous editions are obsolete.	240 51-		DESI	GNATER	FACILITY	TO GEN	FRATOR			

	pasta print or tripe print designation for the original and a (12-pitch) hypewriter)	0227194					• .
	NON-HAZARDOUS 1. Generato: ID Number		Emergency Response	Phone	4. Waste T	racking Nur	mber
	WASTE MANIFEST Not Requi		800-824-9136				0227889
Ш	5. Generator's Name and Malling Address Sentinel Energy Center	Att: Matt Mann (	ienerator's Site Address	(if different t	han malling adde	ess)·	<u>-</u>
П	PO Box 1328		15776 Melissa (				•
Ш	Desert Hot Springs CA 92240 Generator's Phone:	1	North Palm Spr	ings CA	92258		
Ш	6. Transporter 1 Company Name				U.S. EPA ID	Number	
Ш	Patriot Environmental Services				LCAL	005	3866794
	7. Transporter 2 Company Name				U.S. EPA ID	Number	• -
П	Designated Facility Name and Site Address		<del> </del>		U.S. EPA ID	Mumbae	
П	PÄTRIOT WASTEWATER-21				0.3. EFA 10	MUNICO)	·
П	314 W. FREEDOM ORANGE CA 92885						
П	Facility's Phone: 714 921-4545				NOT	R	EQUIRED
	9. Waste Shipping Name and Description		10. Contai		11. Total	12. Unit	
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8	). Non-Hazardous Waste, Liquid (Blow Down Water)				21 mm		
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Ш	13. Special Handling Instructions and Additional Information						
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$\ \cdot\ $	Job Number: 21-19-00077  14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the	Always wear	emonoiste PPF	<del>lanheach</del>	<del>andine wa</del>	-t <del>- 10</del>	
Ш	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the marked and labeled/placarded, and are in all respects in proper condition	contents of this consignment are to for transport according to applicable	ny ancraccuratery destr a international and natio	ndea above i nali governa	dy the proper sim Igagal regulations	aping name;	'áhd ere classified, packaged,
Ш	Generalor's/Offeror's Printed/Typed Name	Signali	le /	2	-		Month Day Year
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Ŧ I	Transporter Signature (for exports only):  18. Transporter Addrowledgment of Receipt of Materials		Date leavin	g U.S.:		·	
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	Transporter 2 Printed/Typed Name	Signati I	18				Month Day Year
$\vdash$	17. Discrepancy					<del></del>	
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U	17b. Alternate Facility (or Generator)		Manifest Reference Nu	mber;	U.S. EPA ID N	himbor	
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P. P.	Facility's Phone:						
	17c. Signature of Alternate Facility (or Generator)				<del></del>		Month Day Year
S.							
DESIGNATED				•			
i							
	18. Designated Facility Owner or Operator: Certification of receipt of materials	covered by the manifest except as	noted in Item 17a	^			
	Printed/Typed Name	Signatu	10 /A. T		7/		Month Day Year
٢	Andrews Harry a		Wholy	- P	<u> </u>	M	0 02 27 19
G	C Labels • Printed in the USA	SIGNATED FACILITY TO	GENERATOR	1	Reorder		MANIFEST-CONHWC



CES 92553

WEIGHMASTER CERTIFICATE WEIGHMANN IER CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture. Weighed at: 16411 Lamb Ceryon Read, Beaumont, CA 997/8 TE DISPOSAL OFFICIAL RECEIPT

FOR CREDIT, ACCOUNTING INFO AND DISPOSAL SITE OPERATIONS PHONE 1-951-486-3200

### Sale

RESOURCES VISA Total: \$

ISA DEBIT !D: A0000000031010

R: 80 80 00 80 00 I: 68 00

Entry Method: Chip

Site #: 31 LAMB CANYON **JUNT** 

Trans #:

676692

08:41:53

3/19/2019

316.00

83 Jcode:

Gross Tons: Tare Tons:

22.43 K 14.41 K 8.02

03/19/19 Inv #: 000000017 IPPrvd: Online

08:41:39 Appr Code: 010213

\$315.25

DUS ROUTINE REFUSE

8.02 Tons at

\$39.31

Amt Due:

Net Tons:

\$315.25

Balance:

\$315.25

**CUSTOMER COPY** 

Process Fee: \$0.75 Amt Charged: \$316.00

Customer Copy THANK YOUR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighted, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Weighed at: 16411 Lamb Canyon Road, Beaumont, CA 92223

6734494]



14310 FREDERICK STREET, MORENO VALLEY, CA 92563

RC DEPT WASTE RES 16411 LAND CANYON RD BEAUMONT. CA. 92223 951-486-3290

No.

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is an this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of tire California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Weighted at: 18411 Lamb Carryon Road, Beaumont, CA \$445TE DISPOSAL OFFICIAL RECEIPT

3/12/2019

20.15 S

14.51 K

5.64

\$221.75

\$221.75

\$221.75

\$222.50

\$0.75

FOR CREDIT, ACCOUNTING INFO AND DISPOSAL SITE OPERATIONS PHONE 1-961-486-3200

08:53:06

**Gross Tons:** 

Tare Tons:

Net Tons:

Amt Due:

Balance:

Process Fee:

Amt Charged:

þ	Sal	e	э#: 31 LA	AMB CANYON	Trai	ns #:	394670
h	xxxxxxxxxxx8898 VISA Total: \$	Entry Method: Chip 222.50	Jcode:	83			
Ħ	03/12/19 Inv H: 000000010 Apprvd: Online	08:52:55 Appr Code: 032364	TINE REFUSE		5.64	Tons at	\$39.31
31	VISA DEBIT AID: A0000000031010 TVR: 80 80 00 80 00 TSI: 68 00		PRINGS DIS	POSAL - A#=032364		CUST	OMER COPY
						0051	OWER COPT
	Cuetomin	Canh					

Customer Copy THANK YOU!

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chaptor 7 (commencing with Saction 12700) of Division 5 of the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the Division Soft the California Business and Professions Code, administrated by the California Business and California Busines

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1		VIFORW HAZARDOUS 1. Generator ID Number TXR0000031205 2. Page 1 of 3. WASTE MANIFEST	Emergency Response Phone  -800-458-1760	4 Marilfest Tracking 00694	
11	5. 0		erator's Site Address (if different tha		
	1	SAFETY-KLEEN BYSTEMS, INC. 7979 PALM AVE HIGHLAND CA 92346			
	6. T	nerator's Phone: 909-862-8300	- Control of the Cont	U.S. EPA ID Number	TXR900001205
	7. T	Transporter 2 Company Name	8 1-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	U.S. EPA ID Number	
	8. E	Designated Facility Name and Site Address ODUGNICTO FAULT DOMESTED IN		U.S. EPA ID Number	The state of the s
		13579 WHITTRAM AVENUE FUNTANA , 909-356-9025	CA 92335	1 '	CAY080025711
	9a.		10. Containers	11. Total 12. Unit	
	HN	Non-parameter of the parameter of the pa	No, Type	Quantity Wt./Vol.	
GENERATOR		MON-RCRA MÁZÁRDOUS WASTE, LIQUID (USED DIL)	lool III	G	221
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	-	3.	ak kara-uk, Tambilik gilikhigirika di "Manaysan, apana pang pangang di cang ang-di and		
en re		4.			TARIOGISTA NO STATEMENTALINA OFFI NO TOTALISTING MARKATING STATEMENT STATEMENT (STATEMENT)
	127	Special Handling Instructions and Additional Information			
		TSD:ADVEXP	HIG	C66 s	
	2 15.	4H EMERGENCY HOWA-468-1760-CH/SK/TFI-Contract respectively. The property of the state of this consignment are full marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledge I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator).	international and national governme tent of Consent.	ntal regulations. If export s	s agency authorit evaluate bahalf e, and are classified, packaged, hipment and I am the Primary
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À	18b.	Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID Number	
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DESIGNATED FACILITY		Signature of Alternate Facility (or Generator)	, j. Henry 24, —	A lattick to secure of some conjunction and conjunction of the lattice	Month Day Year
SIGH	19. H	lazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and	recycling systems)		
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		Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest ex	cept as noted in Item 18a		
	Printe	ed/Typed Name Signature	and the second s		Month Day Year

				DW ADAM	168333	The second second		Ph. D. E. Ph.				
ase pri	int or type.			DW 19024	TO GENE	SC PPW	3/12/	2019	For	m Approved	d. OMB N	lo. 2050
UNII	FORM HAZARDOUS ASTE MANIFEST	1. Generator ID No	umber: 0218123			mergency Respons (00) 483-3		4. Manifest		Number 7		FL
St	nerator's Name and Maili entinel Energy (	Center, LLC			Gene	rator's Site Address	(if different t	han mailing addre	ss)			
P( De	D Box 1328 esert Hot Spring rator's Phone: (760)	is, CA 9224	0 (560) 281	1-7900	8.5	i775 Meliss orth Palm S		A 92258				
Gene 6. Tra	rator's Phone: (760) Insporter 1 Company Nam	600-0996° ne	ATTN Disk-Ke	HE LONCEY	W. Ison			U.S. EPA ID	Number			
	ean Harbors Er		Services, Inc.	F9 50	0.499.690.69.6	750		200000000000000000000000000000000000000	100	322	250	
7. Tra	insporter 2 Company Nan	ne		10) 73	CEL	A 12 III		U.S. EPA ID	Number		8	
	signated Facility Name ar				UN 0 6 2	119 <i>1</i> 9		U.S. EPA ID	Number	-		
10 Sa	ean Harbors Sa 121 Berryessa I In Iose. CA 951 Ivs Phone:	Read	927	BY	^a b	20000000		CAD	059	4943	310	
9a. HM		ion (including Proper	Shipping Name, Hazard	Class, ID Number,		10. Conta	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13	. Wasle Co	odes
Х	UN 3244, SOI (SULFURIC AC	IDS CONTA	INING CORROS HORIC ACID), 8	SIVE LIQUID , PG II	, N.O.S.,	002	DF	010	P	181	(9)	
Х.	<sup>2</sup> RO, UN3262, N.O.S., (SODI PG III (D002)	UMHYDROX	ROSIVE SOLIE	, BASIC, IN ROMOSUL	ORGANIC, FAMATE), 8.	001	DF	005	P	D002	181	
	3 NON-RCRA H. CONTAMINAT		WASTE, SOLID	S, (OIL		003	DM	900	P	352		
	4.					1						$\top$
2.0 3.0 uthor	pecial Handling Instruction TH 1836 796 TH 1738 111 TH 657606	ERG#15	3 ( 55- DM 3 ( 55- DM or substitute additi	onal transport	5459 lers on general	or's behalf for	Outposes	Contract re	ation em	cleffcy.co	menten	CE.015
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	int or type,  FORM HAZARDOUS 1. Generator ID Number		SC PPW mergency Respons		4. Manifest	Tracking N	Number	d. OMB No.	. 2050-00
·W	ASTE MANIFEST CAROOO218123		300) 483-3				307	36	FLE
S	enerator's Name and Mailing Address entine I Energy Center, I.LC D Box 1328 esert Hot Springs, CA 92240 ATTN Durlo-Vaes L erator's Phone: 17601 GOO 0356		erator's Site Addres	sa Lane		SS)			
Gene	erator's Phone: ATTN Little Gass.	arry Wilson	orth Palm S	prings,C	U.S. EPAID	dumber			
	ean Harbors Environmental Services, Inc.	<u> </u>	ताका	de la	1		322	250	
7. Tra	ansporter 2 Company Name	1202	Cr SS III		U.S. EPA ID N	lumber		387	
8. De	signaled Facility Name and Site Address	10 JUN 6-6	2019 9		U.S. EPA ID N	lumber		-	
43 Ph	ermo Fluids, Inc. 101 West Jefferson Street Joeniz AZ 85043 Jys Phone: \( (800) 350-7565	BY:	***************************************		AZR	000	0036	81	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, II and Packing Group (if any))	Number,	10. Conta	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13	3. Waste Code	es
	<sup>1</sup> -NON-RCRA HAZARDOUS WASTE, SOLIDS, (OI	L FILTERS)	002	DM	200 -	P	352		
	2.		*						
			18 18 18 18 18 18 18 18 18 18 18 18 18 1	e (9)					
	3.		V						
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utino 15.	SENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the continuarked and labeled/placarded, and are in all respects in proper condition for traces of the contents of this consignment conform to the terms of the certify that the waste minimization statement identified in 40 CFR 262.27(a) (if afor's/Offeror's Printed/Typed Name	ents of this consignment are fu nsport according to applicable he attached EPA Acknowledgm	lly and accurately d international and na ent of Consent, ) or (b) (iff am a sm	escribed abov tional governr	e by the proper sh nental regulations.	tion eith ipping nam	e, and are da nipment and	nventence assified, pack	e nt safe kaged, nary
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Trans	onter 2 Printed/Typed Name	Signature			0		Mo	onth Day	Year
	screpancy								+ 4/
18a. L	iscrepancy Indication Space Quantity	Type	Residue	u .	Partial Reje	ection		Full Rej	ection
18b. A	Iternate Facility (or Generator)		Manifest Reference	e Number.	U.S. EPA ID N	umber			
Facilit	/s Phone:								
18c. S	ignature of Alternate Facility (or Generator)						M	onth Day	y Year
1	zardcus Wasta Report Management Method Codes (i.e., codes for hazardous	waste treatment, disposal, and	recycling systems)		[4,				
1.0	039	3.			9.				

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

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

H039

Ple	186 1886	print or type."			DW:	904088526		SC PFY	V 3/12			m Approved.	OMB No	2050-003
1	Ů	NIFORM HAZARDOUS WASTE MANIFEST		0021	L8123	1	(8)	gency Respons 00) 483-	3718	0.1		3068	2	FLE
	Ġŧ	Generator's Name and Math Santiriel Energy PO Box 1328 Desert Het Sprin merator's Phone: 17 801	to 83336		TH:Dirk Yoss		15	775 Melis	sa Lane	han malling address CA 92258 U.S. EPA ID	ļ	oggoggettide Teachaga - St. 1884 St. Spring		
	6.	Trunsporter I Company Nam Clean Harbors E		tui Ber	ikes, Inc.				•	•		93222	250	
	7.	Transporter 2 Company Num	Ü		the second secon		پرین جه آن با است	······································	<u> </u>	U,S, EPA,ID			····	
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OW 1904088526

SCPPW 3/12/2019

Sim Address:

15775 Melises Lane

North Palm Springs, CA 92200

#### SC PPW 3/42/2019

GENERATOR: Sontinel Energy Center, LLC

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						WORK O	RDER NO	1904008526
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CITY San Jose			STATE	ZIP <sub>133</sub>	CITY Desent Hot S	iprings	STATE	ZIB2240 A
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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.

SPECIAL HANDLING INSTRUCTIONS EMERGENCY PHONE 0: (900) 483-3718
ACH1600049EFG#171

*	PRINT	SIGN	DATE
SHIPPER Y_		<u> </u>	
Sud.	PUN SUD DOTATIO	SIGN	DATE
TRANSPORTER 1	TAMES OF LANGE TO THE TOTAL TO	The safe of the sa	0/2//4
	PRINT	SIGN	DATE
TRANSPORTER 2			
	PRINT	SIGN	DATE
RECEIVED BY			



RC DEPT HASTE RES 16411 LAMB CANYON RD BEAUMONT, CA. 92223 951-406-3200

RCES DA 92553

**FOUS ROUTINE REFUSE** 

WEIGHNAR CHT CERTIFICATE Wellowing and CERTIFY that the to ming described commodity was welphed, measured, or counted by a welphear pr, whose signated to on this certificate, who is a recognized authority of socurecy, as prescribed by Chapter (Icommencing on Section 12700) of Division 6 of the California Business and Professions Code, adminis had by the sion of Measurement Standards of the California Department of Food and Agriculture.

Weight at: 11 Lamb Canyon Road, Beaumont, CA \$272STE DISPOSAL OFFICIAL RECEIPT

FOR CREDIT, ACCOUNTING INFO AND DISPOSAL SITE OPERATIONS PHONE 1-951-486-3200

Sale

DESDEEXEEXEE

Entry Method: Chip

COUNT

Site #: 31 LAMB CANYON

Trans #:

420317

08:34:51

7/25/2019

stal: \$ 302.98

**Gross Tons:** 

21.95 S

5/19

08:34:36

Jcode: 83 Tare Tons: **Net Tons:**  14.58 K 7.37

#: 000000023 vd: Online

Appr Code: 008373

Tons at \$40.51 7.37

\$298.50

Amt Due: \$298.50

Balance:

\$298.50 \$4.48

\$302.98

Customer Copy THANK YOU!

CUSTOMER COPY

Process Fee: Amt Charged:



WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the Galifornia Department of Food and Agriculture. Weighed at: 16411 Lamb Canyon Road, Beaumont, CA 92223

6931141

Total:

318.97



RC DEPT HASTE RES 16411 LAMB CANYON RD BEAUMONT, CA. 92223 961-486-3208

WASTE DISPOSAL OFFICIAL RECEIPT

6953494

FOR CREDIT, ACCOUNTING INFO AND DISPOSAL SITE OPERATIONS PHONE 1-951-486-3200

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•	Sal	le				
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		Entry Method: Chip		100 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tare Tons:	14.41 K
Vehici	Total: \$	219.24	Jcode: 83	•	Net Tons:	5,33
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	VISA DEBIT			•	Amt Due:	\$216.00
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	TSI: 68 00			CUSTOMER COPY	Amt Charged:	\$219.24

Customer Copy THANK YOU!



6953494

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Ple	eas	print or type.								. OMB No.	2050-0039
1	1	JNIFORM HAZARDOUS 1. Generator ID Number TXR000061205 WASTE MANIFEST	2. Page 1 of	3, Eme	rgency Response	Phone 1 / 5 1/2	4. Manifest	Tracking No. 1 4 5	104	1 S	KS
	1	Generator's Name and Mailing Address SAFETY-KLEEN SYSTEMS, INC. 7979 PALM AVE HIGHLAND CA 92346		Generati	or's Site Address	(if different tha	n mailing addre	ss)			
		Generator's Phone:	• [				U.S. EPA ID	Number			
	L	Tanspeter Vennany Name Systems INC	,						TXRO	100812	<b>0</b> 5
		Transporter 2 Company Name				٠	U.S. EPA ID I	Number	_	•	
	8	Designated Facility Name and Site Address ADVANCED ENVIRONME 13579 WHITTRAM AVE	NTAL, NUE	INC.			U.S. EPA ID I	Number			
	F	FORTANA 909-356-9025 acility's Phone:		, Ci	eese p				CATRE	100257	American Security of the Secur
		Ba. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Contair	ers Type	11. Total Quantity	12. Unit Wt.√ol.	13.	Waste Code	s.
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	`	marked and labeled/placarded, and are in all respects in proper condition for transport according to the contents of this consignment conform to the terms of the attached	ording to applica d EPA Acknowle	able Interr edgment d	national and nation of Consent.	nal governmer	ntal regulations:				
	G	I cartify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large merator's Qfferor's Printed/Typed Name		rator) or ( ature	b) (If I am a smal	quantity gene	rator) is true.		Mon		Year
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Ш	ļ' ''	ious rypod stanio	Signa I	nui e				-	Mon	ith Day	Year I

	ATTAQUINENTO		
ATTACHMENT 6			
	ANNUAL POTABLE WATER USE (PER SOII	&WATER-5)	
	ANNUAL POTABLE WATER USE (PER SOII	L&WATER-5)	
	ANNUAL POTABLE WATER USE (PER SOII	L&WATER-5)	
	ANNUAL POTABLE WATER USE (PER SOII	L&WATER-5)	
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	ANNUAL POTABLE WATER USE (PER SOII	L&WATER-5)	

Sentinel Energy Project 07-AFC-3C Annual Compliance Report – Number 6

# Sentinel Energy Center LLC

## Potable Water Usage 9-1-18 thru 8-31-19

Month/Year	Beginning Mo.	Month End	Usage, gallons	Usage, Gubic Feet	Usage, Aere Feet
September 2018	1672305	1694585	22280	2978	0.068
October 2018	1694585	1705542	10957	1465	0.034
November 2018	1705542	1715052	9510	1271	0.029
December 2018	1715052	1724088	9036	1208	0.028
January 2019	1724088	1735490	11402	1524	0.035
February 2019	1735490	1746302	10812	1445	0.033
March 2019	1746302	1758923	12621	1687	0.039
April 2019	1758923	1771751	12828	1715	0.039
May 2019	1771751	1781029	9278	1240	0.028
June 2019	1781029	1794444	13415	1793	0.041
July 2019	1794444	1819556	25112	3357	0.077
August 2019	1819556	1854233	34677	4636	0.106
Total Usage			181928	24320	0.56

Sentinel Energy Project 07-AFC-3C Annual Compliance Report – Number 6
ATTACHMENT 7
GROUNDWATER USAGE (PER SOIL&WATER-8)

## Sentinel Energy Center LLC

### Ground Water Usage 9-1-18 thru 8-31-19

PW-1 Well

Month/Year	MinDally (Gallons)	Max Daily (Gallons)	Usage, Gallons	Usage, Acre Feet
September 2018	0	905141	5192963	16
October 2018	0	1122823	11570089	36
November 2018	0	1227550	5430095	17
December 2018	0	456311	641079	2 .
January 2019	0	466035	2201511	7
February 2019	0	484736	1733232	5
March 2019	0	567770	2093044	6
April 2019	0	740570	740570	2
May 2019	0	460799	1324797	4
June 2019	0	610409	3013893	9
July 2019	0	1170698	8254732	.25
August 2019	0	1137784	16618679	51
Total Usage			58814683	180

### PW-2 Well

Month/Year	Min Daily (Gallons)	MaxiDaily (Gallons)	Usage, Gallons	Usage, Acre Feet
September 2018	0	0	0	0
October 2018	0	0	0	0 .
November 2018	0	840060	3364729	10
December 2018	0	563282	1119083	3
January 2019	0	632850	1092153	- 3
February 2019	0	1173690	5939517	18
March 2019	0	1569409	5629824	17
April 2019	0	912621	4467355	14
May 2019	0	683718	3170984	10
June 2019	. 0	1486375	3396147	10
July 2019	0	869234	3895844	12
August 2019	0	953764	5506396	17
Total Usage			37582032	115

### **Both Wells**

Month/Year	Min Daily (Gallons)	- Max Daily (Gallons)	Usage, <b>G</b> allons	Usage, Acre Feet
September 2018	0	905141	5192963	16
October 2018	0	1122823	11570089	36
November 2018	0	2067610	8794824	27
December 2018	0	1019592	1760162	5
January 2019	0	1098885	3293664	10
February 2019	0	1658427	7672749	24
March 2019	0	2137179	7722868	24
April 2019	0	1653191	5207924	16
May 2019	0	1144517	4495781	14
June 2019	0	2096784	6410040	20
July 2019	0	2039932	12150576	37
August 2019	0	2091548	22125075	68
Total Usage			96396715	296

	_			
	_			
ATTACHMENT 8				
GROUNDWATER RECHARGE (PER SOIL&WATER-10)				
GROUNDWATER RECHARGE (PER SOIL&WATER-10)				
GROUNDWATER RECHARGE (PER SOIL&WATER-10)	<b>18</b> 0 -			
GROUNDWATER RECHARGE (PER SOIL&WATER-10)	•			
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GROUNDWATER RECHARGE (PER SOIL&WATER-10)				
GROUNDWATER RECHARGE (PER SOIL&WATER-10)				
GROUNDWATER RECHARGE (PER SOIL&WATER-10)				
GROUNDWATER RECHARGE (PER SOIL&WATER-10)				

#### **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 CPV Sentinel Water Conditions Proposed Verification Changes mmf CH CD.doc

Attachments:

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 4<sup>th</sup>! Maggie

#### Maggie Fitzgerald

Sierra Research 1801 J Street Sacramento, CA 95811

#### MFitzgerald@sierraresearch.com

Cell: 949-514-5655

# Sentinel Energy Center – Water Purchased/Recharged as of August 2019 SOIL&WATER-10 (GW Recharge) and SOIL&WATER-11 (New Recharge Water Sources)

October 2007 Final FIR/FIS Vuha	Year Purchased	Quantity Recharged (AF)	Date of Delivery/ Recharge	Recharge at Mission Creek Spreading Grounds	Source of Water	CEQA	COC Submittal
2,775   September 15, 2008   2,426   October 15, 2008   Ves   North Kern   September 2001 Negative Declaration   Documentation Includes and provided Water Supply Plan and 6-7-11 DWA water purchases statement (submitted to 2008 Total Purchased: 8,350 AF		1,263	August 15, 2008				S&W-10.
2008   1,886   December 15, 2008   Yes   North Kern   2001 Negative Declaration   Plan and 6-7-11 DWA water purchases statement (submitted to 2008 Total Recharged: 8,350 AF		2,775	September 15, 2008				Documentation includes
1,886     December 13, 2008   Nern   Declaration   Security   Se		2,426	October 15, 2008		North	•	
Purchased: 8,350 AF    197	2008	1,886	December 15, 2008	Yes		-	water purchases
202	Purchased:	2008 Total Red	harged: 8,350 AF				
202	CONTRACTOR	197	June 1, 2009			October 2007	S&W-10 and S&W-11.
258   September 1, 2009		202			Yuba	Final EIR/EIS Yuba	Submitted: 4-6-2011.
2009 101 November 1, 2009 118 December 1, 2009 118		258	September 1, 2009	Yes		County Water	• •
101   November 1, 2009   118   December 1, 2012   Yes   Yuba   County Water Agency - Proposed Lower Yuba River Accord   1-23-14),   121   304   2013   1,307   January 1, 2014   Yes   Yuba   County Water Agency - Proposed Lower Yuba River Accord   1,732 AF   2013 Total Recharged: 1,732 AF   1,732 AF   2013 Total Recharged: 1,732 AF   2015 Total Recharged: 1,732 AF   2016 Total Recharged: 1,732 AF   2017 Total Recharged: 1,732 AF   2018 Tot		240	October 1, 2009			_ ,	
118	2009	101	November 1, 2009				
Purchased: 1,116 AF   2009 Total Recharged: 1,116 AF   397   December 1, 2012   Yes   Yuba   County Water Agency - Proposed Lower Yuba River Accord   1-23-14).   S&W-10. Documentation (DWA Invoice submitted to CEC 1-23-14).   2012 Total Purchased: 397 AF   2012 Total Recharged: 397 AF   Yuba   October 2007   Final EIR/EIS Yuba   County Water Agency - Proposed Lower Yuba River Accord   S&W-10. Documentation (DWA Invoice submitted to CEC 1-23-14).   County Water Agency - Proposed Lower Yuba County Water Agency - Proposed Lower CEC   C	:	118	December 1, 2009			Yuba River Accord	water purchases
2012 Total Recharged: 397 AF  2013 1,307 January 1, 2014 Yes Yuba Yuba Final EIR/EIS Yuba County Water Agency — Proposed Lower Yuba River Accord Proposed Lower Saw-10. Documentation (DWA Invoice submitted to CEC 1-23-14).	·施州 (4.87年 1983年 1964年)	2009 Total Rec	harged: 1,116 AF				
Purchased: 2012 Total Recharged: 397 AF  397 AF  121 304 2013 1,307 January 1, 2014 Yes Yuba October 2007 Final EIR/EIS Yuba County Water Agency Proposed Lower CEC  2013 Total Purchased: 1,732 AF 1,732 AF	2012	397	December 1, 2012	Yes	Yuba	Final EIR/EIS Yuba County Water Agency – Proposed Lower	to CEC 1-23-14).
2013 1,307 January 1, 2014 Yes Yuba County Water Agency — Proposed Lower CEC  2013 Total Purchased: 2013 Total Recharged: 1,732 AF	Purchased:	2012 Total Rec	harged: 397 AF				
2013 1,307 January 1, 2014 Yes Yuba County Water Agency - Proposed Lower CEC  2013 Total Purchased: 2013 Total Recharged: 1,732 AF	SCHOOL STATE	121	Section 1	erotation Comment of the service and the service and the service of the service and the service an	- C C C C C C C C.	October 2007	THE REAL PROPERTY OF THE PROPE
2013 January 1, 2014 Yes Yuba Water Agency - Invoice submitted to CEC  2013 Total Purchased: 2013 Total Recharged: 1,732 AF  1,732 AF	ļ	304				Final EIR/EIS Yuba	S&W- 10.
Purchased: 2013 Total Recharged: 1,732 AF 1,732 AF	2013	1,307	January 1, 2014	Yes	Yuba	Water Agency –	Invoice submitted to
No water purchased or recharged 2014-8/31/2019	Purchased:	2013 Total Rec	harged: 1,732 AF				
		No water purc	hased or recharged 201	4-8/31/2019			

Sentinel Energy Project 07-AFC-3C Annual Compliance Report Number 6						
ATTACHMENT 9						
ATTACHMENT 9 SALT CAKE GENERATED (PER SOIL&WATER-12)						
SALT CAKE GENERATED (PER SOIL&WATER-12)						
SALT CAKE GENERATED (PER SOIL&WATER-12)						
SALT CAKE GENERATED (PER SOIL&WATER-12)						
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SALT CAKE GENERATED (PER SOIL&WATER-12)						
SALT CAKE GENERATED (PER SOIL&WATER-12)						



Hans W. Kernkamp, General Manager-Chief Engineer



BY: .....

October 26, 2017

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

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

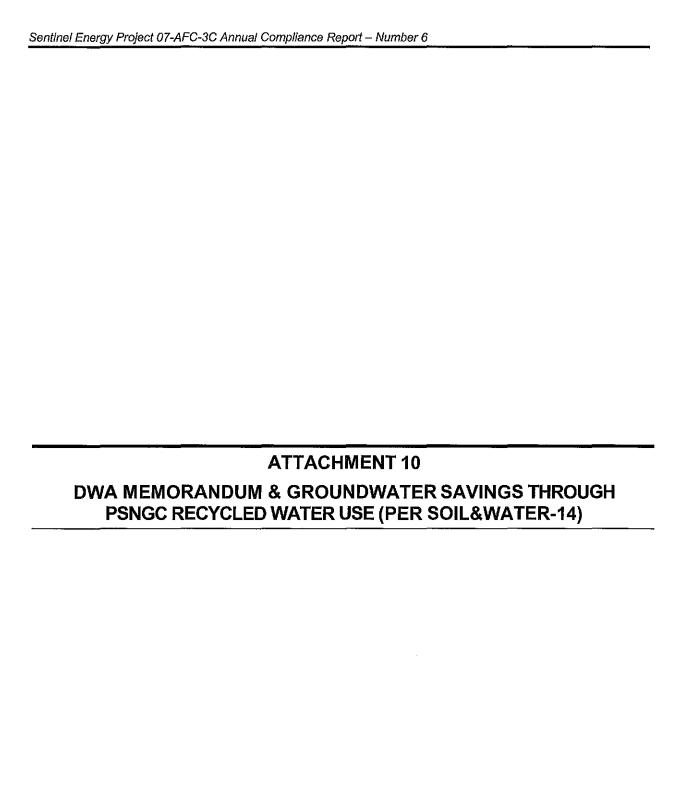
EC:ec

cc:

James Chen

Stacey Hubbard

ZLD Cake Disposal	Acct # 3-0016551-9	2	20 CY-Container #282			
Pick Up Dates	Landfill Site	Measured type	Reported Quantity	Monthly Total		
11/26/18	Lamb Canyon	Tons	6.35	6.35		
12/27/18	Lamb Canyon	Tons	5.87	5.87		
3/12/19	Lamb Canyon	Tons	5.64			
3/19/19	Lamb Canyon	Tons	8.02	13.66		
7/26/19	Lamb Canyon	Tons	7.37	7.37		
8/2/19	Lamb Canyon	Tons	5.33	5.33		
	Lamb Canyon	Tons				
	Lamb Canyon	Tons				
	Lamb Canyon	Tons				
	Lamb Canyon	Tons				
	Lamb Canyon	Tons				
Totals-Tons	Non-Haz Waste	Year to date		38.58		



# 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.

#### **Sentinel Energy Center LLC**

#### PSNGC Reclaim Water Usage 9-1-18 thru 8-31-19

Monthy/Year	Usage, Acre Feet
September 2018	68.4
October 2018	52.3
November 2018	83.7
December 2018	45.7
January 2019	25,3
February 2019	19.6
March 2019	6.4
April 2019	33.9
May 2019	91.0
June 2019	6.6
July 2019	119.9
August 2019	79.0
Total	631.6
Average	52.6
Lowest Use Month	6.4
Highest Use Month	119.9
Total to Date	5298.0

Note: Total to Date reflects reclaim water use from 2012 through

August 2019

Sentinel Energy Project 07-AFC-3C Annual Compliance Report – Number 6
ATTACHMENT 11
DWA INVOICES AND DROOF OF DAVACNITS (DED COIL SWATER 44
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
		Total:	\$1,497,000.00

6711941503
CPV SENTINEL OPERATING ACCT
PAYMENT PER REQUEST
ACCOUNT: 24200
2019 SMART IRRIGATION CONTROLLER PROGRAM
INV: 2018-2019 FISCAL YR

DATE 7/31/19

AMOUNT 100,000.00

DESERT WATER AGENCY ATT: ASHLEY METZGER P O BOX 1710 PALM SPRINGS, CA 92263-1710

242W

#### PLEASE DETACH BEFORE PRESENTING FOR PAYMENT

DESERT WATER

Receipt #

451756

8/14/19

Pay Type: CHECK Taken By: CAROLANN

Name/Description

Account

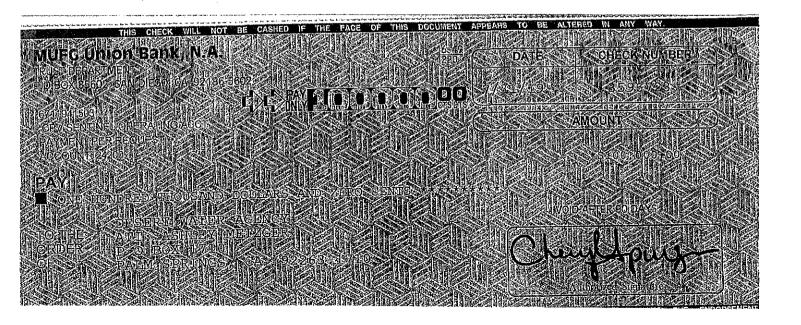
Amount

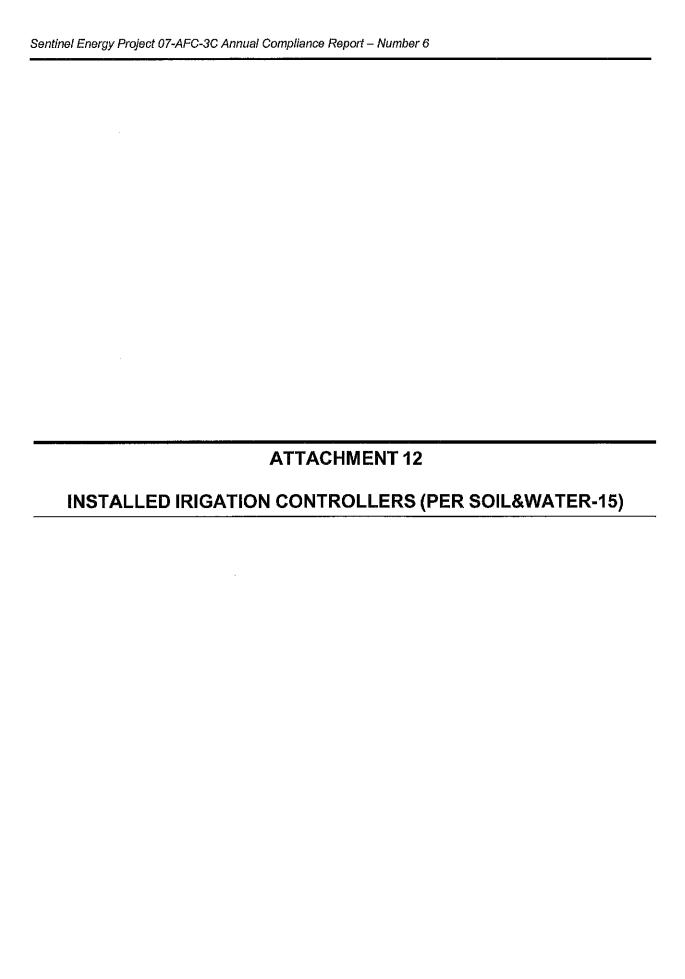
.00

CPV SENTINEL OP SMRT CONT PROG 24200

100,000.00

100,000.00





# Sentinel Energy Center LLC Cumulative Water Savings and Savings By Controller

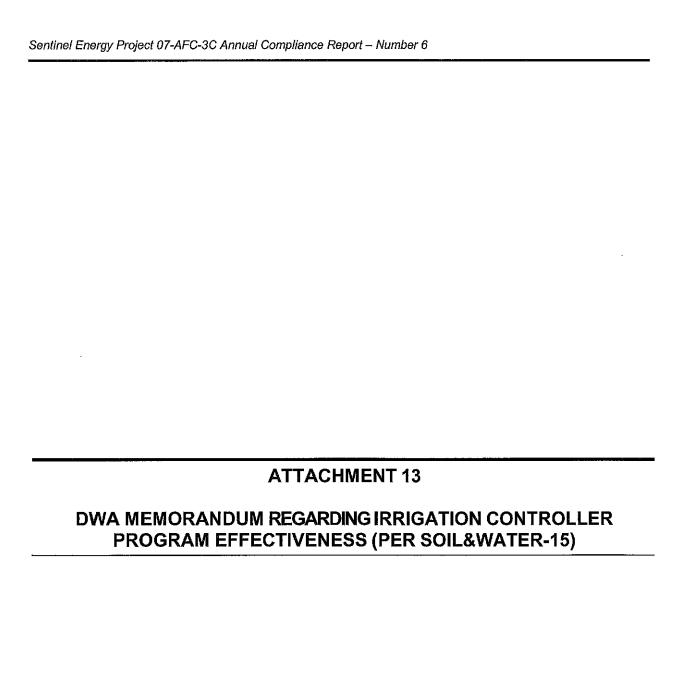
Date:	Hunolado Gubic Feetrof Water Saved	Acres Feet of Water Saved	Total Accounts Being Tracked
01-Sep-18	8178	18.8	2253
01-Oct-18	33030	75.8	2267
01-Nov-18	40081	92.0	2271
01-Dec-18	33074	75.9	2282
01-Jan-19	42365	97.3	2280
01-Feb-19	68410	157.0	2292
01-Mar-19	61402	141.0	2318
01-Apr-19	64628	148.4	2311
01-May-19	40552	93.1	2316
01-Jun-19	64483	148.0	2320
01-Jul-19	75166	172.6	. 2333
01-Aug-19	45410	104.2	2340

GRAND TOTAL OF WATER SAVED Acre Feet (Sep 2018-Aug 2019)		1324
GRAND TOTAL OF WATER SAVED Acre Feet (Total to Date)		7096
NUMBER OF ADDITIONAL CONTROLLERS INSTALLED	·	87

#### Sentinel Energy Center LLC

#### Cumulative Water Savings and Sprinkler Nozzle Program Participants

Dafte	Hundred Guble Reebor Water Saved	Adresfeet of Wester Saved	Callousof/WaterSaved	Numberodikatilijents	Sumeri Nozale Count
Sep 18	1446	3.319559229	1081683.192	81	4189
Oct 18	4454	10.22497704	3331823.608	81	4189
Nov 18	417	0.957300275	311937.684	82	4230
Dec 18	2975	6.829660239	2225454.7	83	4270
Jan 19	3274	7.516069789	2449122.248	83	4270
Feb 19	7431	17.05922865	5558774.412	83	4270
Mar 19	5430	12.46556474	4061922.36	83	4270
Apr 19	5995	13.76262626	4484571.74	83	4270
May 19	5114	11.74012856	3825537.928	83	4270
Jun 19	7244	16.62993572	5418888.688	84	4370
Jul 19	9143	20.98943985	6839439.436	85	4388
Aug 19	2103	4.827823691	1573153.356	86	4488
	RAND TOTAL OF WATER SAVED (Sept 2018-Aug 2019) RAND TOTAL OF WATER SAVED (Year To Date)				AF AF



# Memorandum

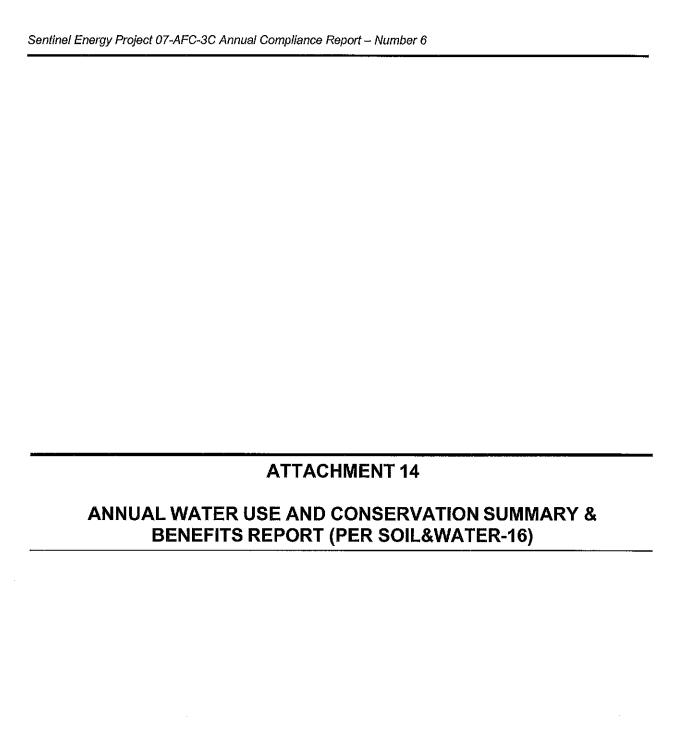
To: Mark McDaniels, Vice President, Competitive Power Ventures

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.



# 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 September 1, 2018 through August 31, 2019 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 September 1, 2018 and end on August 31, 2019.

As depicted below, and in Attachment 6, the 0.56 acre- feet consumed is significantly less than the 2.0 acre-feet permitted.

#### Potable Water Usage 9-1-18 thru 8-31-19

Month/Year	Beginning Mo.	Month End	Usage, gallons	Usage, Cubic Feet	Usage, Acre Feet
September 2018	1672305	1694585	22280	2978	0.068
October 2018	1694585	1705542	10957	1465	0.034
November 2018	1705542	1715052	9510	1271	0.029
December 2018	1715052	1724088	9036	1208	0.028
January 2019	1724088	1735490	11402	1524	0.035
February 2019	1735490	1746302	10812	1445	0.033
March 2019	1746302	1758923	12621	1687	0.039
April 2019	1758923	1771751	12828	1715	0.039
May 2019	1771751	1781029	9278	1240	0.028
June 2019	1781029	1794444	13415	1793	0.041
July 2019	1794444	1819556	25112	3357	0.077
August 2019	1819556	1854233	34677	4636	0.106
Total Usage			181928	24320	0.56

#### 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.

#### Ground Water Usage 9-1-18 thru 8-31-19

PW-1 Well

Month/Year	Min Daily (Gallons)	i Maxudally (Gallons)	Usage, Gallons	• Usage, Agre Reet.
September 2018	0	905141	5192963	16
October 2018	0	1122823	11570089	36
November 2018	0	1227550	5430095	17
December 2018	0	456311	641079	2
January 2019	0	466035	2201511	7
February 2019	0	484736	1733232	5
March 2019	0	567770	2093044	6
April 2019	0	740570	740570	2
May 2019	0	460799	1324797	4
June 2019	0	610409	3013893	9
July 2019	0	1170698	8254732	25
August 2019	0	1137784	16618679	51
Total Usage			58814683	180

#### PW-2 Well

Month/Year	(Min Daily (Gallons)	(Max Dailly (Gallons)	- Usage, Gallons	Usage Agre Feet
September 2018	0	0	0	0
October 2018	0	0	0 -	0
November 2018	0	840060	3364729	10
December 2018	0	563282	1119083	3
January 2019	0	632850	1092153	3
February 2019	0	1173690	5939517	18
March 2019	0	1569409	5629824	17
April 2019	0	912621	4467355	14
May 2019	0	683718	3170984	10
June 2019	0	1486375	3396147	10
July 2019	0	869234	3895844	12
August 2019	0	953764	5506396	17
Total Usage			37582032	115

#### **Both Wells**

Month/Year	(Min-Daily (Gallons)	MaxiDailly (Gallons)	. Usage, Gallons	Usage, Acre Feet
September 2018	0	905141	5192963	16
October 2018	0	1122823	11570089	36
November 2018	0	2067610	8794824	27
December 2018	0	1019592	1760162	5
January 2019	0	1098885	3293664	10
February 2019	0	1658427	7672749	24
March 2019	0	2137179	7722868	24
April 2019	0	1653191	5207924	16
May 2019	0	1144517	4495781	14
June 2019	0	2096784	6410040	20
July 2019	0	2039932	12150576	37
August 2019	0	2091548	22125075	68
Total Usage			96396715	296

#### Groundwater Recharge

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.

# Sentinel Energy Center – Water Purchased/Recharged as of August 2019 SOIL&WATER-10 (GW Recharge) and SOIL&WATER-11 (New Recharge Water Sources)

Year Purchased	Quantity Recharged (AF)	Date of Delivery/ Recharge	Recharge at Mission Creek Spreading Grounds	Source of Water	CEQA	COC Submittal
	1,263	August 15, 2008				S&W-10.
	2,775	September 15, 2008				Documentation includes
2008	1,886	October 15, 2008 December 15, 2008	Yes	North Kern	September 2001 Negative Declaration	approved Water Supply Plan and 6-7-11 DWA water purchases statement (submitted to
2008 Total Purchased: 8,350 AF	2008 Total Rec	harged: 8,350 AF				
	197	June 1, 2009			October 2007	S&W-10 and S&W-11.
	202	July 1, 2009			Final EIR/EIS Yuba	Submitted: 4-6-2011.
	258	September 1, 2009			County Water	Approved 4-28-2011. Note: New source of water. Documentation
	240	October 1, 2009			Agency –	
2009	101	November 1, 2009	Yes	Yuba	Proposed Lower	
	118 December 1, 2009 Yuba River Accord	Yuba River Accord	includes 6-7-11 DWA water purchases statement (submitted to			
2009 Total	A STATE OF THE STATE OF					
Purchased:	2009 Total Rec	harged: 1,116 AF				
Purchased:	<b>2009 Total Rec</b>	December 1, 2012	Yes	Yuba	October 2007 Final EIR/EIS Yuba County Water Agency – Proposed Lower Yuba River Accord	S&W-10. Documentation (DWA Invoice submitted to CEC 1-23-14).
Purchased: 1,116 AF	397		Yes	Yuba	Final EIR/EIS Yuba County Water Agency – Proposed Lower	to CEC
Purchased: 1,116 AF 2012 2012 Total Purchased:	397	December 1, 2012	Yes	Yuba	Final EIR/EIS Yuba County Water Agency – Proposed Lower	(DWA Invoice submitted to CEC
Purchased: 1,116 AF 2012 2012 Total Purchased:	397 2012 Total Rec	December 1, 2012	Yes	Yuba	Final EIR/EIS Yuba County Water Agency – Proposed Lower Yuba River Accord	(DWA Invoice submitted to CEC
Purchased: 1,116 AF 2012 2012 Total Purchased:	397 2012 Total Rec	December 1, 2012	Yes	Yuba	Final EIR/EIS Yuba County Water Agency – Proposed Lower Yuba River Accord	(DWA Invoice submitted to CEC 1-23-14).
Purchased: 1,116 AF 2012 2012 Total Purchased: 397 AF	2012 Total Rec	December 1, 2012 harged: 397 AF			Final EIR/EIS Yuba County Water Agency – Proposed Lower Yuba River Accord  October 2007 Final EIR/EIS Yuba County Water Agency –	(DWA Invoice submitted to CEC 1-23-14).  S&W-10. Documentation (DWA Invoice submitted to

#### 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 6<sup>th</sup> full calendar year following the commercial operation date.
  - b. Achieve minimum cumulative water conservation benefits of 1,500 AFY for each year following the 6<sup>th</sup> 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.

Further, all reclaimed water use at the PSNGC can be considered in equal parts a savings of groundwater.

DWA provides Sentinel Energy Center, LLC with monthly reports describing the amount of groundwater saved through use of recycled water at the PSNGC. The below table provides a summary of annual PSNGC reclaimed water use program. The table illustrates that the Sentinel Energy Center is ahead of schedule on conservation efforts and that from June 2012 through August 2019, the PSNGC water supply conservation program has saved 5298 acre-feet of fresh water through the reclaimed water use program.

#### PSNGC Reclaim Water Usage 9-1-18 thru 8-31-19

Month/Year	Usage, Acre Feet
September 2018	68.4
October 2018	52.3
November 2018	83.7
December 2018	45.7
January 2019	25.3
February 2019	19.6
March 2019	6.4
April 2019	33.9
May 2019	91.0
June 2019	6.6
July 2019	119.9
August 2019	79.0
Total	631.6
Average	52.6
Lowest Use Month	6.4
Highest Use Month	119.9
Total to Date	5298.0

Note: Total to Date reflects reclaim water use from 2012 through August 2019

#### 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, and that they are in the process of developing an additional water conservation project to supplement the irrigation controller program. This new project is described in the May 24, 2017 memorandum provided in Attachment 10. There are 2340 controller accounts that are tracked by DWA and an average of 0.04 acrefeet is being saved annually per account.

#### 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 (provided in Attachment 10) 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		\$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
		Total:	\$1,497,000.00

Program Summary	Reporting Year	To Date
Number of Controllers Installed	87	2340
Number of Sprinkler Nozzle Program Participants	86	86
Water Conserved from Controllers (acre-feet)	1324	7096
Water Conserved from Sprinkler Nozzle Program (acre-feet)	126	231

Note: To Date totals reflect program use from October 2011 through August 2019.

#### 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 9-1-18 thru 8-31-19

	Well #1	Well #2	<b>Both Wells</b>
Month/Year	Usage, Acre Feet	Usage, Acre Feet	Usage, Acre Feet
September 2018	14.96	0.47	15.43
October 2018	31.21	23.28	54.49
November 2018	34.98	0.99	35.97
December 2018	0.00	0.00	0.00
January 2019	6.93	8.65	15.58
February 2019	0.00	0.00	0.00
March 2019	6.52	19.33	25.85
April 2019	14.72	128.56	143.29
May 2019	16.65	50.17	66.82
June 2019	32.94	48.10	81.04
July 2019	71.36	90.51	161.87
August 2019	26.69	39.54	66.23
Total	256.95	409.61	666.56
Program To Date Total	824.65	1112.41	1946.06

Note: Program To Date Total reflects usage from March 2015 through August 2019

#### Total Freshwater Conserved to Date

The following tables provide a summary of Grass Removal Water Savings from September 1, 2018 to August 31, 2019 and a summary from the Sentinel Energy Center's overall fresh water conservation benefits.

#### Grass Removal Water Savings

Date	Hundred Cubic Feet of Water Saved	Acre Feet of Water Saved	Accounts Tracked	Square feet of turf
01-Sep-18	9200	21.12029385	67	146,688
01-Oct-18	2496	5.730027548	71	209640
01-Nov-18	8370	19.21487603	74	209640
01-Dec-18	3811	8.748852158	76	213035
01-Jan-19	4419	10.1446281	82	216857
01-Feb-19	6408	14.7107438	87	237150
01-Mar-19	8194	18.81083563	90	238692
01-Apr-19	9289	21.32460973	97	259514
01-May-19	9193	21.10422406	103	296020
01-Jun-19	9820	22.543618	105	298320
01-Jul-19	5496	12.61707989	109	305231
01-Aug-19	3361	7.715794307	114	317626

GRAND TOTAL OF WATER SAVED Acre Feet (Sep 2018-Aug 2019)

183.79

#### Fresh Water Conservation Benefits Summary 9-1-18 thru 8-31-19

	Fresh Water saved during reporting year	Fresh Water saved to Date
Fresh Water Conservation Program	Acre-Feet	Acre-Feet
PSNGC Total Reclaim Water Use	632	5298
DWA Irrigation Controller Program Total Water Savings	1324	7096
Groundwater Remediation	667	1946
DWA Free Sprinkler Nozzles Program Total Water Savings	126	231
Grass Removal Water Savings	184	184
Total Fresh Water Conserved	2932	14755

Note: Program To Date Total reflects benefits from inception of project program through August 2019



# 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.

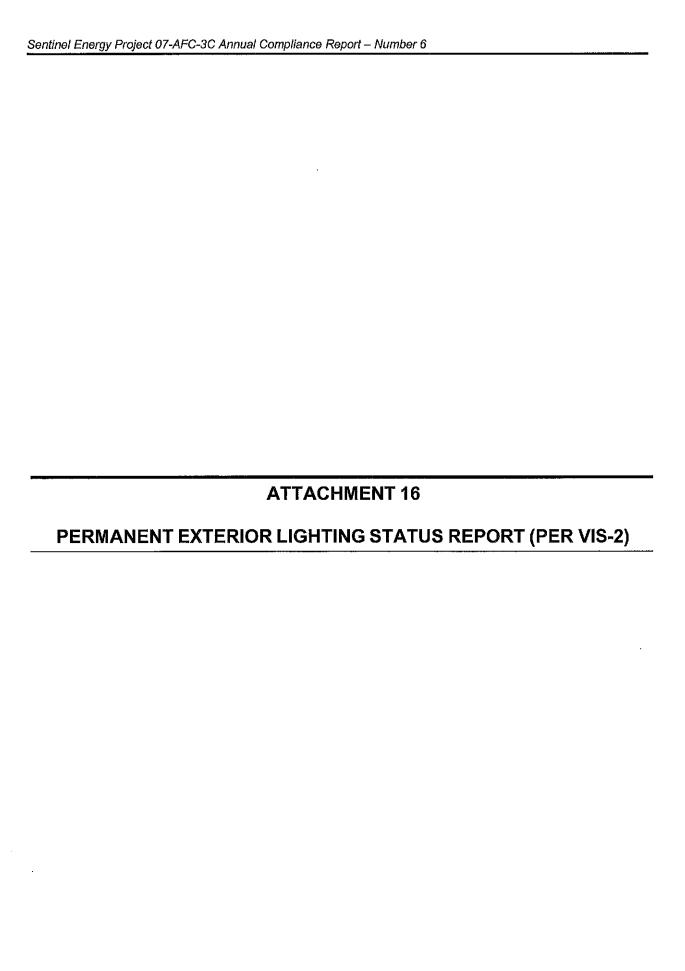
## Surface Treatment Inspection Date: August 31, 2019

Major Project Features <sup>1</sup>	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 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	No maintenance performed/required	No maintenance anticipated to be necessary over the next year

<sup>&</sup>lt;sup>1</sup> 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 Features <sup>1</sup>	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 8 Single Cell Cooling Towers	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Operations/Warehouse Building	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Gas Compressor Acoustic Enclosure Walls	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
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	No maintenance performed/required	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 <sup>1</sup>	Current Condition of Feature Surface Treatment	Maintenance Activities that Occurred During Reporting Year	Schedule of Maintenance Activities to Occur Over the Next Year
Qty 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	No maintenance performed/required	No maintenance anticipated to be necessary over the next year
Switchyard Building	Excellent	No maintenance performed/required	No maintenance anticipated to be necessary over the next year



# 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: August 31, 2019

## 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 (September 1, 2018 through August 31, 2019) 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 (September 1, 2018 through August 31, 2019).

## Proposed Deviations from Lighting Plan:

There are no proposed deviations from the lighting plan for the next year (January 1, 2020 through December 31, 2020).

Sentinel Energy Project 07-AFC-3C Annual Compliance Report Number 6
ATTACHMENT 17
ATTACHMENT
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



1801 J Street Sacramento, CA 95811 Tel: (916) 444-8666 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,

Maggie Fitzgerald

Margaretx

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: To:

Hoffman, Craig@Energy Maggie Fitzgerald Amanda Johnson

Cc: 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? <u>Just a notification of</u> when things are done.
- 6. TSE-1, 2, 3, 4, 5, 6, 8. Can these be considered "closed and complete"? These can all be
- 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? Lasked 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 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

Sentinel Energy Project 07-AFC-3C Annual Compliance Report – Number 6
ATTACHMENT 18
NTC AND NOV DOCUMENTATION



South Coast Air Quality Management District 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765-4178

	<u>.</u> P	660	63					
DATE OF VIOLATION								
	Month:	Day:	Year:					

the state of the s		A CONTRACTOR OF STREET
Fácilitý Name:	Facility ID#:	Sector:
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YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF

*	Authority*	Code Section or Rule No.	SCAGMD Permit to Operate of CARB Registration No.	Condition No. (if Applicable)	Description of Violation
1	□ SCAGMD: □ CH&SC □ CCR □ CFR:	2004 (F)(1)		A(C.)	Failure of facility permit holder to comply with permit conacto A195.1 exceeding the CD emission limit of 4.0 ppmy in de
2	SCAQMD CH&SC CCR CFR	3002 (S)(1)		<u>1291</u>	Failure of Cocility permit holder to comply with perhid condition A195.1, exceeding the CD emission limit of 4.0 ppm v in device D31
3	☐ SCAQMD ☐ CH&SC ☐ CCR ☐ CFR		in attende en er en en en et en en en en en et en en en en en et en en en en		
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#### After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.

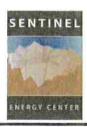
Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

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# SENTINEL Energy Center, LLC



March 25, 2019

South Coast Air Quality Management District Attention: Compliance and Enforcement 21865 Copley Drive Diamond Bar, CA 91765

Subject:

Deviation with Excess Emissions - Sentinel Energy Center, LLC (Facility ID# 152707)

Unit 6 - March 18, 2019 (Title V - D31)

To whom it may concern,

Please find deviation report (Form 500N) for an event which occurred at Sentinel Energy Center, LLC (Sentinel), Unit 6, on March 18, 2018 at 2038 hours (CEMS time). The emissions exceedance was discovered by Marco Laguitan and reported to the SCAQMD (800-CUT SMOG) at 2219 hours.

The Unit 6 Carbon Monoxide (CO) hourly emissions PPM limit (4 ppm hourly average) was exceeded (4.74ppm hourly average) due to overcorrection of NOx water injection flow during back-to-back load changes.

If you have any questions regarding this submittal, please contact me at (760) 288-7901 or Wayne Forsyth by email at w.forsyth@dgc-us.com or phone (213) 473-0093.

Best regards,

Dennis Johnson – Plant Manager

Sentinel Energy Center, LLC

Mr. Wayne Forsyth, Diamond Generating Corp.

Mr. Casey Corliss, Sentinel Energy Center, LLC

Mr. Mark McDaniels, Sentinel Energy Center, LLC

#### Enclosures:

cc:

1. Form 500-N

2. Excess CO Emission Calculation

South Coast Air Quality Management District

#### Form 500-N

**Title V - Deviations, Emergencies & Breakdowns**\*This written report is <u>in addition to requirements</u> to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385 www.aqmd.gov

Secti	on I - Operator I	Information			1			
1. Fac	ility Name (Business	Name of Operator That Appears On P	ermit): 2.		Facility ID (Availab	ole On Permit Or Invoice Issued By		
Se	entinel Energy	Center, LLC		AQMD):	-	152707		
		15775 Melissa Lane						
3. Add	fress: ere incident occurred)	15/75 Melissa Lane	Street Address					
(411)	aro mordani occarrody	North Palm Springs			CA	92258		
		толит ант ортодо	City		State	Zip		
4. Mail	ling Address:	P.O. Box 1328						
	ifferent from Item 3)		Street Address					
		Desert Hot Springs			<u>CA</u>	92240		
5. Pro	vide the name, title, a	and phone number of the person to	City contact for further information:		State	Zip		
	De	nnis Johnson	Plant Manager		(760	)) 288-7901		
		Name	Title			Phone #		
Section	on II - Reporting	of Breakdowns, Deviations,	and Emergencies					
E725.V	written notification	is to report a(n):						
Тур	oe of Incident		Verbal Report Due*		en Report Due	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
a.	Emergency under	Rule 3002(g)	Within 1 hour of discovery		Within 2 working days from when the emission limit was exceeded.			
b.	Breakdown under	:	For Rules 430 & 2004 - Within 1 hour of		For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days from			
	Rule 430 (No	(3)	discovery.	of the breakdown, unless a written extension is				
	Rule 2004 (R	NAMES OF THE PROPERTY OF THE PARTY OF T	For Rule 218 – Within 24 hours or next bu	nted.				
	Rule 218 (No [See Rule 21		day for failure/shutdown exceeding 24 hou	urs For	Rule 218 - With red	quired semi-annual reports.		
c.		ess emissions it, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviati shorter reporting period if required by an applicable State or Federal Regulation.	hin 14 days of discovery of the deviation.				
d.		it, Section K, Condition Nos. 22D & 23	None ]	Witt	n required semi-ann	nual monitoring reports.		
2. The	incident was first dis	covered by: Marco Laguitar	٥ ا	on 03/	18/2019	08:28 O AM		
			Name		Date	Time		
3. The	incldent was first rep	orted by: Operator 12		on03/	18/2019	10:19 O AM		
a. (	<ul><li>Via Phone</li></ul>	Name	e of AQMD Staff Person		Date	Time   PM		
ь (	☐ In Person		Notification N	Jumher (Regui	red):_553350			
		tually occur? 03/18/201	Paramanan In	ibiliodi (i todal	.00)			
4. Whe	n did the incident ac	Date	19 08:28 ○ AM Time ● PM					
	Received By:		Assigned By:	是加基	Inspector:			
	Date/Time Received		Date/Time Assigned:	Date/Time Received Assignment:				
AQMD	Date Delivered To Te	eam:	Date Reviewed Inspector Report:	Date Inspected Facility:				
USE	Team:	Sector.		Date Completed Report:				
	Recommended Actio	n: Cancel Notification Gr	ant Relief Issue NOV No		Other:			
	Final Action:	Cancel Notification Gr	ant Relief Issue NOV No		Other:	Other		

<b>5</b> .	Has the incident stopped? a.   Yes, or	v 03/18/2019	08:28	O AM	b. ( No	
۳.	That in a moradair arobbadi ar (a) (a)	"	Time	● PM	VI () 110	
б.	What was the total duration of the incident	?Days	01 Hours	•••		
7.		defined in Rule 430 (b)(3)(A),	Hours			_
	when was the end of the operating cycle di	. •	Date		Time	O <sub>AM</sub>
8.	Describe the incident and identify each pie equipment and attach additional pages as a Overcorrection of NOx water injection.	necessary.	-		·	
9.	The incident may have resulted in a:  a.  Violation of Permit Condition(s):	A195.1, Section K Condit	on 8			
10.	b. Violation of AQMD Rule(s): What was the probable cause of the incide Overcorrection of NOx water inje	, ,	•	CO excess	emission.	
11.	Did the incident result in excess emissions	? O No O Yes (Complete the	following and attach calculations.)			
!	☐ VOCjbs	NOxlbs	SOx	Jbs	☐ H28	lbs
	X CO1.096 <sub>lbs</sub>	PMlbs	Other:	lbs		pollutant
14. 15.	when determining compliance with your an a. () Yes, for:  \[ \] NOx  \[ \] SOx  If box 12(b) above is checked, include all information of the steps taken to correct the produced future incidents, include photos of the trulit was shutdown at 838pm importance of understanding emitting operating properly prior to a. (a) Yes    b. (b) No, because:    Did the incident result from operator error, a. (a) Yes    b. (b) No, because:    Has the facility returned to compliance?    a. (b) Yes (Altach evidence such as emission of the incident result from operator error, a. (a) Yes    Did the incident result from operator error, a. (b) Yes    Did the facility returned to compliance?    a. (c) No, because:    Did the facility returned to compliance?    a. (c) Yes (Altach evidence such as emission of the facility returned to compliance?    B. (c) Yes (Altach evidence such as emission of the facility returned to compliance?    Clion III (c) Yes    Certification Statement    Compliance of the property prior to a compliance?    Altach evidence such as emission of the property prior to a compliance?    Clion III (c) Yes    Certification Statement    Clion III (c) Yes    Compliance of the property prior to a compliance?    Altach evidence such as emission of the property prior to a compliance?    Clion III (c) Yes    Clion III (c)	b. No, for: Nox Somation specified in Rule 2004(1)(3)(B) an biem (i.e., steps taken to mitigate exception for the factor of the	d (C), as applicable.  ase emissions, equipment repairs  ach additional pages as necessar  ated the event. Manageme  a to emissions alarms, and  atenance procedures?	y. ent will retrai tripping the	n all operators	on the
223701	· · · · · · · · · · · · · · · · · · ·					
	rtify under penalty of law that based on Infoi other materials are true, uccurate, and com		nacio inquiry, the statements and	miorination in t	nız boçun <b>en</b> t and	. an ecceptionests
For	Tille V Facilities ONLY: I also certify	under penalty of law that that I am the	responsible official for this facili	ty as defined in	AQMD Regulation	XXX.
1.8	ignature of Responsible Official:		2. Title of Responsible Official:			
	W	And the state of t		Asset Man	ager	
3. P	int Name: Mark McDa	niels	4. Date:	3-25	5-19	
5, P	hone #		6. Fax #:			
	(760) 288-7	7901	(	760) 288-7	908	,
7. A	ddress of Responsible Official:					· <del></del>
Stre	P,O, Box 13	328 clt	Desert Hot Springs	CA State	92 Zlp	240
OUG	96H	O I O		Altito	Pilk	

## **Excess CO Emission Calculation**

	#/hr	=	C	×	MW	¥	dscfm	¥	consta	nt
<u></u>	,		-gas			Λ.	494	<i>-</i> **		•••

 $1.096 = 0.74 \times 28 \times 341183 \times 0.000000155$ 

Cgas = effluent gas concentration, dry basis, ppm

MW = molecular weight of CO

dscfm = exhaust gas flow rate

constant = 0.000000155