

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM 5-00-205 REV1
FOR
SUNRISE DRYERS LLC AND SUNSWEET DRYERS INC
SUNRISE DRYERS LLC
COLUSA COUNTY

This Monitoring and Reporting Program (MRP) for Sunrise Dryers LLC and Sunsweet Dryers Inc (collectively referred to herein as Discharger) is issued pursuant to Water Code section 13267. Sunrise Dryers LLC owns and operates the Sunrise Dryer LLC facility, which is located on land owned by Sunsweet Dryers Inc. This MRP establishes monitoring and reporting requirements related to the waste discharge requirements regulated under Waste Discharge Requirements Order 5-00-205. The Discharger shall not implement any changes to this MRP unless and until the Central Valley Water Quality Control Board (Central Valley Water Board) adopts, or the Executive Officer issues, a revised MRP.

This MRP may be separately revised by the Executive Officer, in accordance with their delegated authority under Water Code section 13223.

I. GENERAL MONITORING REQUIREMENTS

A. SAMPLING AND SAMPLE ANALYSIS

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. Except as specified otherwise in this MRP, grab samples will be considered representative of wastewater, solids/sludges, and groundwater. The time, date, and location of each sample shall be recorded on the sample chain of custody form.

Field test instruments (such as those used to measure pH, electrical conductivity, dissolved oxygen, wind speed, and precipitation) may be used provided that:

1. The operator is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated at the frequency recommended by the manufacturer;
3. The instruments are serviced and/or calibrated at the manufacturer's recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of the MRP.

All analyses shall be performed in accordance with the Standard Provisions and Reporting Requirements for Waste Discharge Requirements, 1 March 1991 ed. (SPRRs). Laboratory analytical procedures shall comply with the methods and holding times specified in the following (as applicable to the medium to be analyzed):

1. Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater (EPA);
2. Test Methods for Evaluating Solid Waste (EPA);
3. Methods for Chemical Analysis of Water and Wastes (EPA);
4. Methods for Determination of Inorganic Substances in Environmental Samples (EPA);
5. Standard Methods for the Examination of Water and Wastewater (APHA/AWWA/WEF); and
6. Soil, Plant, and Water Reference Methods for the Western Region (WREP 125).

Approved editions shall be those that are approved for use by the U.S. Environmental Protection Agency (EPA) or the State Water Resources Control Board's Environmental Laboratory Accreditation Program (ELAP). The Discharger may propose alternative methods for approval by the Executive Officer. Where technically feasible, laboratory reporting limits shall be lower than concentrations that implement applicable water quality objectives/limits for the constituents to be analyzed.

B. MONITORING AND SAMPLING LOCATIONS

Samples shall be obtained at the monitoring points specified in this MRP. The Central Valley Water Board Executive Officer shall approve any proposed changes to sampling locations prior to implementation of the change. The Discharger shall monitor the following locations to demonstrate compliance with the requirements of this Order as shown in **Table 1** below.

Table 1 – Monitoring Location Designations

Monitoring Location Name	Description
MW-1, MW-2, MW-3	Groundwater monitoring well used to evaluate groundwater quality underlying the designated disposal site.

II. SPECIFIC MONITORING REQUIREMENTS

A. SETTLING TANK MONITORING

The Discharger shall monitor the concrete settling/aeration basin during the operating season as specified in **Table 2**. A hand-held field unit may be used to measure dissolved oxygen, electrical conductivity, and pH. BOD₅ denotes 5-day, 20°C Biological Oxygen Demand.

Table 2- Settling Tank Monitoring

Constituent	Units	Type of Sample	Sample Frequency	Reporting Frequency
Flow to Designate Disposal Area	Gallons	Meter	Daily	Quarterly
Freeboard	0.1 feet	Measurement	Weekly	Quarterly
Dissolved Oxygen	mg/L	Meter	Weekly	Quarterly
pH	pH units	Observation	Weekly	Quarterly
BOD ₅	mg/L	Observation	Monthly	Quarterly
Electrical Conductivity	µmhos/cm	Grab	Monthly	Quarterly
Nitrate as N	mg/L	Grab	Monthly	Quarterly
Total Kjeldahl Nitrogen	mg/L	Grab	Monthly	Quarterly

B. DISPOSAL AREA MONITORING

The Discharger shall visually monitor the Designated Disposal Area **daily through the processing season and while there is a discharge**. Evidence of erosion, field saturation, runoff, solids buildup, or presence of nuisance conditions (objectionable odors) shall be noted in the Quarterly Reports. The Quarterly Report shall also document any corrective actions taken based on observations made. A log of these inspections shall be kept at the facility and summarized for submittal with the quarterly monitoring reports for each month during the reporting period as described in Section III.A. Quarterly Monitoring of this MRP. If wastewater was not applied to the Designated Disposal Area, then the quarterly monitoring reports shall so state.

C. GROUNDWATER MONITORING

Prior to sampling, depth to groundwater measurements shall be measured in each monitoring well (as listed in the **Table 1** above) to the nearest 0.01 feet. Groundwater elevations shall then be calculated to determine groundwater gradient and flow direction.

Samples shall be collected and analyzed using standard EPA methods. Groundwater monitoring for all monitoring wells shall be monitored in accordance with **Table 3**. A handheld field unit may be used to measure pH and electrical conductivity.

Table 3 – Groundwater Monitoring

Constituent	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Depth to groundwater	0.01 feet	Measurement	Quarterly	Quarterly
Groundwater elevation	0.01 feet	Calculated	Quarterly	Quarterly
Gradient magnitude	feet/feet	Calculated	Quarterly	Quarterly

Constituent	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Gradient direction	degrees	Calculated	Quarterly	Quarterly
pH	pH units	Grab	Quarterly	Quarterly
Electrical Conductivity	µmhos/cm	Grab	Quarterly	Quarterly
Total Dissolved Solids	mg/L	Grab	Quarterly	Quarterly
Nitrate as N	mg/L	Grab	Quarterly	Quarterly
Total Trihalomethanes (TTHM)	µg/L	Grab	Annual	Annual

D. SOLIDS MONITORING

The Discharger shall record and report the quantity, disposal location, and method of disposal of solids disposed of during the processing season, as well as during the off-season, if applicable in the Annual Report.

III. REPORTING

All regulatory documents, submissions, materials, data, monitoring reports, and correspondence should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to the following address:

Central Valley Regional Water Quality Control Board
 ECM Mailroom
 11020 Sun Center Drive, Suite 200
 Rancho Cordova, California 95670

To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any correspondence used to transmit documents to this office:

Facility: Sunrise Dryers LLC, Colusa County
 Program: Non-15 Compliance
 Order: 5-00-205
 CIWQS Place ID: 259597

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, pond, etc.), and reported analytical result for each sample are readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with waste discharge requirements and spatial or temporal

trends, as applicable. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported to the Central Valley Water Board.

In addition to the requirements of Section C.3 of the SPRRs, monitoring information shall include the method detection limit (MDL) and the Reporting limit (RL) or practical quantitation limit (PQL). If the regulatory limit for a given constituent is less than the RL (or PQL), then any analytical results for that constituent that are below the RL (or PQL) but above the MDL shall be reported and flagged as estimated.

As required by the California Business and Professions Code sections 6735, 7835, and 7835.1, all Groundwater Monitoring Reports shall be prepared under the direct supervision of a Registered Professional Engineer or Geologist and signed by the registered professional.

A. QUARTERLY MONITORING

Daily, weekly, monthly, and quarterly monitoring data shall be reported in the Quarterly Monitoring Reports. Quarterly Monitoring Reports shall be submitted to the Central Valley Water Board as described in **Table 4** below:

Table 4 – Monitoring Report Due Dates

Monitoring Report	Monitoring Period	Report Due Date
First Quarter	1 January to 31 March	1 May
Second Quarter	1 April to 30 June	1 August
Third Quarter	1 July to 30 September	1 November
Fourth Quarter	1 October to 31 December	1 February
Annual Report	1 January to 31 December	1 February

At a minimum, the reports shall include:

1. Tabulated Settling Tank Monitoring data for each month of the calendar year.
2. Tabulated Disposal Area Monitoring data, for each month of the calendar year.
3. Tabulated Groundwater Monitoring data for each quarter of the calendar year.
 - a. A narrative description of all preparatory, monitoring, sampling, and analytical testing activities for the groundwater monitoring. The narrative shall be sufficiently detailed to verify compliance with the WDRs, this MRP, and the SPRRs. The narrative shall be supported by field logs for each well documenting depth to groundwater; parameters measured before, during, and after purging; method of purging; calculation of casing volume; and total volume of water purged;

- b. Calculation of groundwater elevations, determination of groundwater flow direction and gradient on the date of measurement, comparison of previous flow direction and gradient data, and discussion of seasonal trends, if any.
- c. A narrative discussion of the analytical results for all media and locations monitored, including spatial and temporal trends, with reference to summary data tables, graphs, and appended analytical reports (as applicable).
- d. A comparison of monitoring data to the discharge specifications, groundwater limitations, and surface water limitations, and explanation of any violation of those requirements.
- e. Summary data tables of historical and current water table elevations and analytical results.
- f. A scaled map showing relevant structures and features of the facility, the locations of monitoring wells and other sampling stations, and groundwater elevation contours referenced to mean sea level datum.
- g. Copies of laboratory analytical report(s).

B. Annual Report

In addition to the Fourth Quarter, an Annual Report shall be prepared and submitted to the Central Valley Water Board by **1 February** each year. The Annual Report shall at a minimum include the following:

1. Tabular and graphical summaries of all data collected during the calendar year.
2. The date the processing season started and when processing was completed.
3. The Solids Monitoring data and the required off-site disposal information.
4. An evaluation of the performance of the industrial process wastewater system, as well as a forecast of the flows anticipated in the next year.
5. An evaluation of the groundwater quality beneath the site during the calendar year and compliance with the Groundwater Limitations of the WDRs. Include all calculations and data input/analysis tables derived from use of statistical software, as applicable.
6. A summary data table of water levels and freeboard in the tanks and settling pond (if used).
7. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into full compliance with the waste discharge requirements.
8. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.

9. A discussion of the following:
 - a. Waste constituent reduction efforts implemented in accordance with any required workplan, if applicable;
 - b. Other treatment or control measures implemented during the calendar year either voluntarily or pursuant to the WDRs, this MRP, or any other Order;
 - c. Based on monitoring data, an evaluation of the effectiveness of the treatment or control measures implemented to date.
 - d. Evaluation of the current operations, corrective actions, and or control measures to reduce odor concerns regarding wastewater generated, stored, and disposed of on site.

A letter transmitting the self-monitoring- reports shall accompany each report. The letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain the penalty of perjury statement by the Discharger, or the Discharger's authorized agent, as described in the SPRRs General Reporting Requirements Section B.3.

The Discharger shall implement the above monitoring program as of the date of this Revised MRP.

This Order is issued under authority delegated to the Executive Officer by the Central Valley Water Board pursuant to Resolution R5-2018-0057 and is effective upon signature.

for PATRICK PULUPA, Executive Officer

October 19, 2022

Date