

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

TENTATIVE MONITORING AND REPORTING PROGRAM ORDER R5-2025-XXXX
SUNSWEET DRYERS
RED BLUFF DRYER – PLANT 82
TEHAMA COUNTY

This Monitoring and Reporting Program Order (MRP), which is separately issued pursuant to Water Code section 13267, subdivision (b)(1), establishes monitoring and reporting requirements related to the waste discharge(s) regulated under Waste Discharge Requirements (WDRs) Order R5-2025-XXXX (WDRs Order). Each of the Findings set forth in the WDRs Order, including those pertaining to the need for submission of reports, are hereby incorporated as part of this MRP.

Sunsweet Dryers (Discharger) owns and operates a prune drying facility at 23385 Hogs Back Road, Red Bluff, Tehama County (Facility). The Discharger is responsible for compliance with this MRP. The Discharger shall not implement any changes to this MRP unless and until the Central Valley Regional Water Quality Control Board (Central Valley Water Board) adopts a revised MRP.

I. GENERAL MONITORING REQUIREMENTS

A. FLOW MONITORING

Hydraulic flow rates shall be measured at the monitoring points specified in this MRP. All flow monitoring systems shall be appropriate for the conveyance system (i.e., open channel flow or pressure pipeline) and liquid type. The measurements may be based on flow meter readings or pump run time estimate. The method of measurement must be specified. Unless otherwise specified, each flow meter shall be equipped with a flow totalizer to allow reporting of cumulative volume as well as instantaneous flow rate. Flow meters shall be calibrated at the frequency recommended by the manufacturer; typically, at least once per year and records of calibration shall be maintained for review upon request.

B. MONITORING AND SAMPLING LOCATIONS

Samples and measurements shall be obtained at the monitoring points specified in this MRP. Central Valley Water Board staff 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 MRP:

Table 1 - Monitoring Locations

Monitoring Location	Monitoring Location Description
INF	Location where a representative sample of the influent before screening can be obtained prior to discharge into concrete basin
EFF	Location where a representative sample of effluent can be obtained prior to discharge to the land application area
LAA	2-Acre land application area
SOURCE	Source water from onsite well

C. 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 water, wastewater, soil, 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, temperature, 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 by the manufacturer at the recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of this MRP.

Laboratory analytical procedures shall comply with the methods and holding times specified in the following (as applicable to the medium to be analyzed):

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

Approved editions shall be those that are approved for use by the United States Environmental Protection Agency (EPA) or the State Water Resources Control Board (State Water Board), Division of Drinking Water's 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 the applicable water quality objectives for the constituents to be analyzed.

II. SPECIFIC MONITORING REQUIREMENTS

A. INFLUENT MONITORING (INF)

During process season, the Discharger shall monitor influent prior to screening and discharge into the concrete basin. Samples shall be representative of the volume and nature of the influent. Influent and effluent samples shall be collected on the same day. Date and time of influent samples shall be recorded. Influent monitoring shall include at least the following:

Table 2 – Influent

Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Flow (see note 1 below)	gpd	Meter	Continuous	Annual
pH	SU	Grab	Weekly	Annually
Fixed Dissolved Solids	mg/L	Grab	Weekly	Annually
Total Dissolved Solids	mg/L	Grab	Weekly	Annually

1. Flows shall be obtained from the supply well.

B. EFFLUENT MONITORING (EFF)

During process season, the Discharger shall monitor concrete basin effluent prior to discharge to the land application area. Samples shall be representative of the volume and nature of the discharge. Influent and effluent samples shall be collected on the same day. Date and time of collection of all samples shall be recorded. Effluent monitoring shall include at least the following:

Table 3 – Effluent

Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
pH	s.u.	Grab	Weekly	Annually
Specific Conductance	µmhos/cm	Grab	Weekly	Annually
Total Dissolved Solids	mg/L	Grab	Weekly	Annually
Fixed Dissolved Solids	mg/L	Grab	Weekly	Annually
Biochemical Oxygen Demand	mg/L	Grab	Weekly	Annually
Total Kjeldahl Nitrogen	mg/L	Grab	Weekly	Annually
Total Nitrogen	mg/L	Grab	Weekly	Annually
Ammonia as Nitrogen	mg/L	Grab	Weekly	Annually
Nitrate as Nitrogen	mg/L	Grab	Weekly	Annually
Nitrite as Nitrogen	mg/L	Grab	Weekly	Annually
General Minerals ¹	mg/L or µg/L	Grab	Annually	Annually

1. General minerals shall include, at a minimum, the following elements/compounds: Total Alkalinity (including Alkalinity series), Boron, Calcium, Chloride, Hardness, Magnesium, Potassium, Sodium, and Sulfate.

C. LAND APPLICATION AREA MONITORING (LAA)

The Discharger shall inspect the land application area at least once daily prior to discharge. Evidence of erosion, field saturation, runoff, or the presence of nuisance conditions (i.e., flies, ponding, odor, etc.) shall be

noted in the Facility's logbook and included as part of the annual monitoring report.

Additionally, the Discharger shall perform the routine monitoring and loading calculations identified in the table below for the land application area when water is applied. If supplemental irrigation water is used, samples shall be collected from the source water.

Table 6 – Land Application Area Monitoring

Constituent/Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Wastewater volume	Gallons	Metered	Daily	Annually
Wastewater loading	Inches/Day	Calculated	Daily	Annually
Supplemental irrigation flow	Gallons	Metered	Daily	Annually
Precipitation	Inches	Rain gage	Daily	Annually
Total hydraulic loading	Inches/acre/month	Calculated	Daily	Annually
BOD Loading (See 1 below)	lbs/acre/day	Calculated	Daily	Annually
Total Nitrogen loading from process water (See 2 below)	lbs/acre/year	Calculated	Annually	Annually

1. Compliance with the BOD Mass Loading Limit shall be determined as specified below:

The mass of BOD applied to each LAA on a daily basis shall be calculated using the following formula:

$$M = \frac{8.345(CV)}{AT}$$

Where:

M = mass of BOD applied to an LAA in lbs./acre/day

C = concentration of BOD in mg/L based on most recent monitoring result (3-week running average)

V = total volume of wastewater applied to the LAA during the irrigation cycle, in millions of gallons per day

A = area of the LAA irrigated in acres

T = irrigation cycle length in days (from the first day water was applied to the last day of the drying time)

8.345 = unit conversion factor

2. The mass of total nitrogen applied to the LAA on an annual basis shall be calculated using the following formula:

$$M = \sum_{i=1}^{12} \frac{(8.345(C_i V_i) + M_x)}{A}$$

Where:

- M = mass of nitrogen applied to LAA in lbs./acre/year
 C_i = monthly average concentration of total nitrogen for month i in mg/L
 V_i = volume of wastewater applied to the LAA during calendar month i in million gallons
 A = area of the LAA irrigated in acres
 i = number of the month (e.g., January = 1, February = 2, etc.)
 M_x = nitrogen mass from other sources (e.g., fertilizer and compost) in pounds

D. SOURCE WATER MONITORING (SOURCE)

A sampling station shall be established where a representative sample of the source water can be obtained. Source water monitoring shall include at least the following.

Table 7 – Source Water Monitoring

Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
pH	Standard Unit	Grab	Annually	Annually
Fixed Dissolved Solids	mg/L	Grab	Annually	Annually
Total Dissolved Solids	mg/L	Grab	Annually	Annually
Nitrate as Nitrogen	mg/L	Grab	Annually	Annually
General Minerals ¹	mg/L or µg/L	Grab	Annually	Annually

1. General minerals shall include, at a minimum, the following elements/compounds: Total Alkalinity (including Alkalinity series), Boron, Calcium, Chloride, Hardness, Magnesium, Potassium, Sodium, and Sulfate.

E. SOLIDS MONITORING (SOLIDS)

The Discharger shall maintain detailed records for disposal and/or recycling of residual solids removed from the Facility. The record should include information on quantity, storage, method of disposal (i.e., livestock

feed, soil amendment, landfill, composting, etc.), and receipts (if applicable) to be included in the annual monitoring report.

III. REPORTING REQUIREMENTS

The Discharger must submit all monitoring reports and analytical monitoring results to the State Water Resources Control Board's (State Water Board's) GeoTracker database. GeoTracker is an Internet-accessible database system used by the State Water Board, regional boards, and local agencies to track and archive compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. This system consists of a relational database, online compliance reporting features, a geographical information system (GIS) interface, and other features that are utilized by regulatory agencies, regulated industries, and the public to input, manage, or access compliance and regulatory tracking data.

GeoTracker Electronic Reporting Requirements: All monitoring reports and monitoring results shall be submitted to GeoTracker in accordance with the timeframes specified below and in searchable Portable Document Format (PDF). The Discharger shall follow the applicable Electronic Submittal of Information (ESI) requirements under the Facility-specific **Global Identification Number WDR100034716** at the [GeoTracker](https://geotracker.waterboards.ca.gov/esi/login.asp) database. (<https://geotracker.waterboards.ca.gov/esi/login.asp>)

In order to submit reports electronically, the Discharger shall create a secure GeoTracker Electronic Submittal of Information (ESI) account and log in credentials, claim their facility by requesting access in GeoTracker, and finally uploading PDF copies of the required reports via the ESI portal as outlined in the GeoTracker ESI Beginner's Guide for Responsible Parties (Beginner's Guide) linked below. The Discharger may complete the above tasks by accessing the 'Getting Started' section on the GeoTracker [ESI webpage](https://www.waterboards.ca.gov/ust/electronic_submittal/index.html). (https://www.waterboards.ca.gov/ust/electronic_submittal/index.html)

Additional GeoTracker support information can be found at the following:

1. 'Guides/Resources' document link in the "Tools" on the Discharger's GeoTracker ESI account.
2. Resources on the GeoTracker ESI website, such as the [ESI Beginner's Guide](https://www.waterboards.ca.gov/ust/electronic_submittal/docs/geotracker_esi_rp_beginners_guide_revisedoct2019.pdf) (https://www.waterboards.ca.gov/ust/electronic_submittal/docs/geotracker_esi_rp_beginners_guide_revisedoct2019.pdf)

3. General GeoTracker Help Desk contact information:
Phone: 1-866-480-1028, Email: geotracker@waterboards.ca.gov

A transmittal letter shall accompany each monitoring report. The letter shall include a discussion of all violations of this MRP during the reporting period and actions taken or planned for correcting each violation. If the Discharger has previously submitted a report describing corrective actions taken and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain a statement by the Discharger or the Discharger's authorized agent certifying under penalty of perjury that the report is true, accurate and complete to the best of the signer's knowledge.

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, groundwater, 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 in the next scheduled monitoring report.

Laboratory analysis reports shall be included in the monitoring reports. All laboratory reports must also be retained for a minimum of three years. For a discharger conducting any of its own analyses, reports must also be signed and certified by the chief of the laboratory.

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.

All monitoring reports that involve planning, investigation, evaluation or design, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to California Business and Professions Code sections 6735, 7835, and 7835.1.

A. ANNUAL MONITORING REPORTS

Annual Monitoring Reports shall be prepared and submitted to the Central Valley Water Board by February 1st for the year prior, shall include the following:

1. Results of **Influent Monitoring**
2. Results of **Effluent Monitoring**, including calculating the maximum daily and monthly average flow for each month.
3. Results of **Land application area monitoring**
4. Results of **Source Water Monitoring**
5. Results of **Solids Monitoring**
6. Copies of laboratory analytical reports.
7. A comparison of monitoring data to the flow limitations and discharge specifications and an explanation of any violation of those requirements.
8. A discussion of annual chemical usage at the Facility, if any (e.g., chemical name, purpose, and quantity used).
9. A summary of any changes in processing that might affect waste characterization and/or discharge flow rates.
10. An evaluation of the performance of the WWTF, including discussion of capacity issues, infiltration and inflow rates, nuisance conditions, and a forecast of the flows anticipated in the next year, as described in Standard Provision E.4.
11. A discussion of compliance and the corrective actions taken, as well as any planned or proposed actions needed, to bring the discharge into full compliance with the WDRs Order.
12. Monitoring equipment maintenance and calibration records, as described in Standard Provision C.4.
13. A discussion of any data gaps and potential deficiencies or redundancies in the monitoring system or reporting program.

14. Statement certifying when the flow meter and other monitoring instruments and devices were last calibrated, include identification of who performed the calibrations (SPRRs C.4).

If, in the opinion of the Executive Officer, the Discharger fails to comply with the provisions of this Order, the Executive Officer may refer this matter to the Attorney General for judicial enforcement, may issue a complaint for administrative civil liability, or may take other enforcement actions. Failure to comply with this Order may result in the assessment of Administrative Civil Liability of up to \$1,000 per violation per day, depending on the violation, pursuant to Water Code section 13268. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Resources Control Board to review the action in accordance with California Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Resources Control Board must receive the petition by 5:00 p.m., 30 days after the date of this MRP, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Resources Control Board by 5:00 p.m. on the next business day. [Copies of the law and regulations applicable to filing petitions](#) may be found on the internet (http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided on request.

I, PATRICK PULUPA, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of the Monitoring and Reporting Program R5-2024-XXXX issued by the California Regional Water Quality Control Board, Central Valley Region, on XX August 2025.

PATRICK PULUPA, Executive Office