

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

**TENTATIVE MONITORING AND REPORTING PROGRAM R5-2026-XXXX  
FOR  
CALIFORNIA OLIVE RANCH, INC.  
CALIFORNIA OLIVE RANCH, ARTOIS MILL AND RANCH, GLENN COUNTY**

This Monitoring and Reporting Program (MRP), which is separately issued pursuant to California 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 R5-2026-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.

The California Olive Ranch, Artois Mill and Ranch (Facility), is owned by California Olive Ranch, Inc. (Discharger) who also operates the subject olive oil processing, bottling and storage 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, or the Executive Officer issues, a revised MRP.

A glossary of terms used in this MRP is included on the last page.

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. FLOW MONITORING**

Discharge flow rates of wastewater discharged to the wastewater evaporation pond shall be measured using current methods, i.e., flow meter. If future improvements to the site include the addition of a flow monitoring system either to the inlet of the pond system or to any other portion of the pond system, all flow monitoring systems shall be appropriate for the conveyance system (i.e., open channel flow or pressure pipeline) and liquid type. Those measurements could 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 Name(s)     | Monitoring Location Description                                                                                                                           |
|--------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pomace Drying Pond(s)                            | PND-001,<br>PND-002,<br>PND-003 | Location where a representative sample of the effluent in the pomace drying pond can be collected and impoundment structure(s) conditions can be observed |
| Wastewater Evaporation Pond                      | PND-004                         | Location where the wastewater evaporation pond impoundment structure(s) conditions can be observed.                                                       |
| Wastewater Evaporation Pond Effluent             | EFF-001                         | Location where a representative sample of the effluent discharged to the wastewater evaporation pond can be collected.                                    |
| Water Supply Well                                | SW-001                          | Location where a representative sample of the ground water may be collected from the supply well.                                                         |
| Material Other than Olives (MOO) Composting Area | PAD-001                         | Location where Composting of MOO material occurs and observation of containment structure(s) condition can be observed.                                   |
| Land Application Area                            | LAA-001                         | Location where land application of composted material occurs.                                                                                             |

## 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. POMACE DRYING POND MONITORING**

The Discharger shall monitor the Pomace Drying Ponds at PND-001, PND-002 and PND-003. Freeboard shall be visually monitored vertically from the surface

of the water contained in the pond to the lowest elevation of the berm of that pond. Annually, after accumulated solids are removed, the Pomace Drying Pond's concrete liner shall be inspected for any visible evidence of damage, if damage has occurred a report detailing the nature of the failure and the repair work performed shall be submitted within 30 days of discovery of the failure or damage. At a minimum, the pond shall be monitored as specified below:

**Table 2 – Pomace Drying Pond Monitoring (PND-001, -002, and -003)**

| Constituent/Parameter            | Units    | Sample Type | Monitoring Frequency | Reporting Frequency |
|----------------------------------|----------|-------------|----------------------|---------------------|
| Amount discharged                | Tons     | Calculate   | Weekly               | Semi-Annual         |
| Freeboard                        | 0.1 feet | Observation | Weekly               | Semi-Annual         |
| Odors                            | ---      | Observation | Weekly               | Semi-Annual         |
| Berm Condition                   | ---      | Observation | Weekly               | Semi-Annual         |
| Pomace Removed (shipped offsite) | Tons     | Calculate   | Weekly               | Semi-Annual         |
| Concrete Liner Assessment        | ---      | Observation | Annual               | Annual              |

#### **B. WASTEWATER EVAPORATION POND MONITORING (PND-004)**

The Discharger shall monitor the Wastewater Evaporation Pond at PND-004. Freeboard shall be visually monitored vertically from the surface of the water to the lowest elevation of the berm of that pond. At a minimum, the pond shall be monitored as specified below:

**Table 3 – Wastewater Evaporation Pond Monitoring (PND-004)**

| Constituent/Parameter      | Units    | Sample Type | Monitoring Frequency | Reporting Frequency |
|----------------------------|----------|-------------|----------------------|---------------------|
| Amount discharged          | Gallons  | Observation | Weekly               | Semi-Annual         |
| Dissolved Oxygen           | mg/L     | Grab        | Weekly               | Semi-Annual         |
| Freeboard                  | 0.1 feet | Observation | Weekly               | Semi-Annual         |
| Odors                      | ---      | Observation | Weekly               | Semi-Annual         |
| Berm Condition             | ---      | Observation | Weekly               | Semi-Annual         |
| Liner Integrity Assessment | ---      | Observation | 5-year               | Annual              |

#### **C. EFFLUENT MONITORING (EFF-001)**

The Discharger shall monitor the discharge of wastewater (effluent) to the Wastewater Evaporation Pond at EFF-001. Samples shall be representative of the volume and nature of the effluent. The effluent pond samples shall be collected on the same day. Date and time of effluent samples shall be recorded. Effluent monitoring shall include at least the following:

**Table 4 – Effluent to Wastewater Evaporation Pond (EFF-001)**

| Constituent                    | Units         | Sample Type | Monitoring Frequency | Reporting Frequency |
|--------------------------------|---------------|-------------|----------------------|---------------------|
| Flow                           | Total Gallons | Meter       | Weekly               | Semi-Annual         |
| Electrical Conductance         | µmhos/cm      | Grab        | Monthly              | Semi-Annual         |
| pH                             | SU            | Grab        | Monthly              | Semi-Annual         |
| Fixed Dissolved Solids (FDS)   | mg/L          | Grab        |                      | Semi-Annual         |
| Total Dissolved Solids (TDS)   | mg/L          | Grab        | Monthly              | Semi-Annual         |
| Biologic Oxygen Demand (5-Day) | mg/L          | Grab        | Monthly              | Semi-Annual         |
| Nitrate as Nitrogen            | mg/L          | Grab        | Monthly              | Semi-Annual         |
| Total Kjeldahl Nitrogen        | mg/L          | Grab        | Monthly              | Semi-Annual         |
| General Minerals <sup>1</sup>  | µg/L          | Grab        | Annual               | Annual              |
| Metals, Dissolved <sup>2</sup> | µg/L          | Grab        | Annual               | Annual              |

Table Notes:

- 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.
- Metals shall include, at a minimum, the following: Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium (Total and Hexavalent), Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc. For constituents with Secondary MCLs listed in California Code of Regulations Title 22 Table 64449-A (e.g., iron, and manganese), samples shall be filtered with a 1.5-micron filter prior to preservation, digestion, and analysis. For all other constituents, samples shall be filtered with a 0.45-micron filter prior to preservation, digestion, and analysis.

#### **D. GROUNDWATER MONITORING**

The Discharger shall maintain the groundwater monitoring well network. For this facility, the supply well (SW-001) will be utilized as a groundwater monitoring well and no other points of monitoring or sampling are required at this time. If the supply well/groundwater monitoring well is dry for more than four consecutive sampling events or is damaged, the Discharger shall submit a work plan and proposed time schedule to replace the well. The well shall be replaced following approval of the work plan.

Prior to construction of any groundwater monitoring wells, the Discharger shall submit plans and specifications for approval. Once installed, all new wells shall be added to the groundwater monitoring network.

Prior to purging or sampling, the groundwater depth shall be measured to the nearest 0.01 feet. Groundwater monitoring for the monitoring well shall include, at a minimum, the following:

**Table 5 - Groundwater Monitoring (SW-001)**

| Constituent                    | Units         | Sample Type | Monitoring Frequency | Reporting Frequency |
|--------------------------------|---------------|-------------|----------------------|---------------------|
| Electrical Conductance (EC)    | µmhos/cm      | Grab        | Annual               | Annual              |
| pH                             | Standard unit | Grab        | Annual               | Annual              |
| Fixed Dissolved Solids (FDS)   | mg/L          | Grab        | Annual               | Annual              |
| Total Dissolved Solids (TDS)   | mg/L          | Grab        | Annual               | Annual              |
| Biologic Oxygen Demand (5-Day) | mg/L          | Grab        | Annual               | Annual              |
| Nitrate as Nitrogen            | mg/L          | Grab        | Annual               | Annual              |
| Total Kjeldahl Nitrogen        | mg/L          | Grab        | Annual               | Annual              |
| General Minerals <sup>1</sup>  | µg/L          | Grab        | Annual               | Annual              |
| Metals, Dissolved <sup>2</sup> | µg/L          | Grab        | Annual               | Annual              |

Table Notes:

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.
2. Metals shall include, at a minimum, the following: Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium (Total and Hexavalent), Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc. For constituents with Secondary MCLs listed in California Code of Regulations Title 22 Table 64449-A (e.g., iron, and manganese), samples shall be filtered with a 1.5-micron filter prior to preservation, digestion, and analysis. For all other constituents, samples shall be filtered with a 0.45-micron filter prior to preservation, digestion, and analysis.

## **E. MOO COMPOSTING AREA AND LAND APPLICATION AREA MONITORING**

The Discharger shall monitor the MOO composting area (PAD-001) and the land application area (LAA-001). Wastewater applied to the composting area shall be visually monitored to maintain no runoff occurs outside of the composting area. The amount of MOO Compost generated, and its final application will require reporting and at a minimum, the composting operations shall be monitored as specified below:

**Table 6 – Composting Area Monitoring (PAD-001)**

| Constituent              | Units | Sample Type | Monitoring Frequency | Reporting Frequency |
|--------------------------|-------|-------------|----------------------|---------------------|
| Compost generated        | Tons  | Calculate   | Seasonal             | Semi-Annual         |
| Runoff Water containment | ---   | Observation | Weekly               | Semi-Annual         |
| Odors                    | ---   | Observation | Weekly               | Semi-Annual         |
| Berm Condition           | ---   | Observation | Weekly               | Semi-Annual         |

**Table 7 - Compost Application Monitoring (LAA-001)**

| Constituent              | Units | Sample Type | Monitoring Frequency | Reporting Frequency |
|--------------------------|-------|-------------|----------------------|---------------------|
| Compost Applied          | Tons  | Calculate   | Seasonal             | Semi-Annual         |
| Compost application area | Acres | Calculate   | Seasonal             | Semi-Annual         |

#### **F. SOLIDS MONITORING (SOLIDS)**

The Discharger shall maintain detailed records for disposal and/or recycling of residual solids removed as regular maintenance from the Facility. Solids for this facility consist of pomace which after drying will be removed and sold as animal feed, and MOO which will be composted onsite and agronomically applied to orchards controlled by the Discharger. The record for each type of solid should include information on quantity, storage, method of disposal, and receipts (if applicable) to be included in the corresponding semi-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 - WDR100029758** at the [GeoTracker](https://geotracker.waterboards.ca.gov) 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](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_beginner_s_guide_revisedoct2019.pdf)  
([https://www.waterboards.ca.gov/ust/electronic\\_submittal/docs/geotracker\\_esi\\_rp\\_beginner\\_s\\_guide\\_revisedoct2019.pdf](https://www.waterboards.ca.gov/ust/electronic_submittal/docs/geotracker_esi_rp_beginner_s_guide_revisedoct2019.pdf))
3. General GeoTracker Help Desk contact information:  
Phone: 1-866-480-1028, Email: [geotracker@waterboards.ca.gov](mailto:geotracker@waterboards.ca.gov)

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. SEMI-ANNUAL MONITORING REPORTS**

Semi-Annual Monitoring Reports shall be prepared and submitted to the Central Valley Water Board by the **1<sup>st</sup> day of the second month after the six months reporting period** (i.e., the 1<sup>st</sup> Semi-Annual [January – June] report is due 1<sup>st</sup> July). Each Monitoring Report shall include the following:

1. Results of **Pomace Drying Pond Monitoring**
2. Results of **Wastewater Evaporation Pond Monitoring**
3. Results of the **Effluent Monitoring**
4. Results of the **Ground Water Monitoring**
5. Results of the **MOO Composting Operations and Application Area Monitoring**
6. Results of **Solids Monitoring**
7. Copies of laboratory analytical reports.
8. A discussion of annual chemical usage at the Facility (e.g., chemical name, purpose, and quantity used).
9. A summary of any changes in processing that might affect waste and/or discharge flow rates.

All semi-annual reports shall include summary data tables of analytical results and observations collected or conducted during the quarter.

## **B. ANNUAL MONITORING REPORT**

In addition to the above information, annual reporting shall be prepared and submitted to the Central Valley Water Board by the **1<sup>st</sup> February of each year**, shall include the following:

1. Total annual influent flow, and average monthly flows for each month of the year, compared to the flow limitations of the WDRs.
2. Concentration vs. time graphs for each monitored constituent using all historic groundwater monitoring data. Each graph shall show the background groundwater concentration range and the Groundwater Limitation as horizontal lines at the applicable concentration.
3. An evaluation of the groundwater quality beneath the site and determination of whether any water quality objectives or groundwater limitations were exceeded in any compliance well during the calendar year. This shall be determined by comparing the annual concentrations for the supply well during the calendar year to the corresponding water quality objective.
4. A summary of information on the disposal of sludge and/or solid waste during the calendar year.
5. An evaluation of the performance of the wastewater treatment facility, 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.
6. 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.
7. Monitoring equipment maintenance and calibration records, as described in Standard Provision C.4.
8. A discussion of any data gaps and potential deficiencies or redundancies in the monitoring system or reporting program.
9. 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).
10. Tabulated summary of all monitoring data collected over the year.

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](http://www.waterboards.ca.gov/public_notices/petitions/water_quality)) or will be provided on request.

The Discharger shall implement the above monitoring program R5-2026-XXXX.

I, PATRICK PULUPA, Executive Officer, do hereby certify the forgoing is a full, true and correct copy of the Monitoring and Reporting Program R5-2026-XXXX issued by the California Regional Water Quality Control Board, Central Valley Region, on XX October 2026.

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PATRICK PULUPA, Executive Officer