CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

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Regional Board Website (https://www.waterboards.ca.gov/centralvalley)

# MONITORING & REPORTING PROGRAM
# R5-2021-0058

## ORDER INFORMATION

| | |
|---|---|
| **Order Type(s):** | Monitoring & Reporting Program (MRP) |
| **Status:** | ADOPTED |
| **Program:** | Title 27 |
| **Region 5 Office:** | Fresno |
| **Discharger(s):** | O'Neill Vintners & Distillers, LLC |
| **Facility:** | Reedley Winery, Class II Surface Impoundment |
| **Address:** | 8418 South Lac Jac Avenue, Parlier |
| **County:** | Fresno County |
| **Parcel Nos.:** | 363-061-32 |
| **WDID:** | 5C10NC00014 |
| **Prior Order(s):** | 5-01-141 |

## CERTIFICATION

I, PATRICK PULUPA, Executive Officer, hereby certify that the following is a full, true, and correct copy of the order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 15 October 2021.


PATRICK PULUPA,
Executive Officer

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## TABLE OF CONTENTS

**TABLE INDEX**

## TABLE INDEX

## GLOSSARY

**AMR** .....Annual Monitoring Report

**CAMP**.....Corrective Action Monitoring Program

**C.F.R.**.....Code of Federal Regulations

**CIWQS**.....California Integrated Water Quality System Project

**COCs** .....Constituents of Concern

**DMP** .....Detection Monitoring Program

**DWR**.....California Department of Water Resources

**EC** .....Electrical Conductivity

**ELAP**.....State Water Board's Environmental Laboratory Accreditation Program (formerly administered by California Department of Public Health)

**EMP** .....Evaluation Monitoring Program

**EW** .....Extraction Well

**Five-Year COCs** .....Five-Year Constituents of Concern

**GeoTracker** .....State Water Board's Data Management System for Sites with Potential Groundwater Impact

**GP**.....Gas Probe

**LCRS** .....Leachate Collection and Removal System

**LF**.....Landfill

**LFG**.....Landfill Gas

**MDL** .....Method Detection Limit

**Method TO-15 VOCs**.....Volatile Organic Compounds associated with USEPA Method TO-15

**MRP** .....Monitoring and Reporting Program

**GLOSSARY**

**MSW** .....Municipal Solid Waste

**MSWLF** .....Municipal Solid Waste Landfill

**N/A**.....Not Applicable

**PID** .....Photo Ionization Detector

**POC** .....Point of Compliance for Water Quality Protection Standard

**QA/QC** .....Quality Assurance/Quality Control

**Qualified Professional** .....Professional Civil Engineer or Geologist licensed by the State of California

**RCRA**.....Resource Conservation and Recovery Act, 42 U.S.C. § 6901 et seq.

**RL** .....Reporting Limit

**ROWD / JTD** .....Report of Waste Discharge / Joint Technical Document

**SCAP** .....Sample Collection and Analysis Plan

**SGP**.....Soil Pore Gas

**SI**.....Surface Impoundment

**SMR** .....Semiannual Monitoring Report

**SPRRs / Standard Provisions** ...*Standard Provisions and Reporting Requirements for Nonhazardous Solid Waste Discharges Regulated by Subtitle D and/or Title 27 Municipal Solid Waste Facilities*, December 2015 Edition

**TDS**.....Total Dissolved Solids

**Title 27**.....California Code of Regulations, Title 27

**USEPA**.....United States Environmental Protection Agency

**GLOSSARY**

**VOCs** .....Volatile Organic Compounds

**WDRs**.....Waste Discharge Requirements

**WMU** .....Waste Management Unit

**WQPS** .....Water Quality Protection Standard

**UNITS**

**$ft^3$ / min** .....Cubic Feet per Minute

**°F** .....Degrees Fahrenheit

**Gallons/Day** .....Gallons per Day

**mg/L**.....Milligrams per Liter

**µg/L**.....Micrograms per Liter

**µmhos/cm** .....Microsiemens per Centimeter

**µg/$cm^3$** .....Micrograms per Cubic Centimeter

**NTUs**.....Nephelometric Turbidity Units

**% Vol.** .....Percent by Volume

**Inches Hg**.....Inches of Mercury (Barometric Pressure)

**MM Hg Vacuum** .....Millimeters of Mercury (Barometric Pressure)

## PREFACE

Adopted by the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) pursuant to Water Code section 13267, subdivision (b)(1), this Order establishes a Monitoring and Reporting Program (MRP) for O'Neill Vintners & Distillers (Discharger), which own and operate the Reedley Winery, Class II Surface Impoundment (Facility) in Fresno County. Additional information regarding the Facility is set forth in the enumerated findings of Waste Discharge Requirements Order R5-2021-0058 (WDRs Order). Except as otherwise provided in the following MRP, these findings are incorporated herein.

The MRP also contains supplemental findings related to monitoring and reporting activities, and/or Facility conditions. For the purposes of California Code of Regulations, title 27 (Title 27) (e.g., §§ 21720, 20380-20435), the findings and provisions of this Order are conversely incorporated as part of the WDRs Order as well.

Although adopted with the WDRs Order, this is a separate order subject to subsequent revision by the Executive Officer in accordance with delegated authority per Water Code section 13223. For the purposes of Title 27, such revisions shall be automatically incorporated as part of the WDRs Order.

## MONITORING & REPORTING PROGRAM

**IT IS HEREBY ORDERED**, pursuant to Water Code section 13267: that all previously issued Monitoring and Reporting Program(s) for the discharge of waste at the Facility are rescinded (except for enforcement purposes); and that the Discharger, their agents, employees and successors shall comply with the following Monitoring and Reporting Program (MRP). The Discharger shall not implement any changes until a revised MRP is issued by the Central Valley Water Board or its Executive Officer.

### A. General Provisions

1. **Incorporation of Standard Provisions**—The Discharger shall comply with all relevant provisions of the *Standard Provisions and Reporting Requirements for Nonhazardous Solid Waste Discharges Regulated by Subtitle D and/or Title 27 Municipal Solid Waste Facilities, December 2015 Edition* (SPRRs or Standard Provisions), which are incorporated herein. See, e.g., SPRRs section I (*Standard Monitoring Specifications*) and section J (*Response to Release*).

2. **Monitoring Provisions in WDRs Order**—The Discharger shall comply with all "Monitoring Provisions" in the Facility's operative Title 27 WDRs Order, which are also incorporated herein.

3. **Compliance with Title 27**—The Discharger shall comply with all of Title 27 provisions as they pertain to activities described in this MRP (including SPRRs).

4. **Sample Collection and Analysis Plan (SCAP)**—All samples shall be collected, preserved and transported in accordance with the approved Sample Collection and Analysis Plan (SCAP) and the Quality Assurance/Quality Control (QA/QC) standards specified therein. The Discharger may use alternative analytical test methods (including new USEPA-approved methods), provided that the alternative methods have method detection limits (MDLs) equal to or lower than the analytical methods specified in this MRP and are identified in the approved SCAP.

**B. Detection Monitoring Program (DMP)**—To detect a release at the earliest possible time (see Title 27, § 20420, subd. (b)), the Discharger shall implement a Detection Monitoring Program (DMP) for groundwater, surface water and the unsaturated zone in accordance with the provisions of Title 27, particularly sections 20415 and 20420. Groundwater, unsaturated zone and surface water[1] detection monitoring networks shall be revised (as needed).

**1. Groundwater**

**a. Required Network**—The Facility's groundwater monitoring well network consists of the wells listed in **Table 1**.[2] As of the date of this Order, the network meets the requirements of Title 27. (Title 27, § 20415, subd. (b).)

**Table 1—Groundwater Monitoring Network**

| Well | Program | Monitored Unit | Status |
|---|---|---|---|
| SI-1 | Water Level | SI | Inactive |
| SI-2 | Water Level | SI | Inactive |
| SI-3 | Water Level | SI | Inactive |
| SI-4 | Detection | SI | Operational |
| SI-5 | Detection | SI | Operational |
| MW-14 | Detection | SI | Operational |
| MW-19 | Detection | SI | Operational |

See Glossary for definitions of terms and abbreviations in table.

**b. Sample Collection and Analysis**—Groundwater samples shall be collected from each well and analyzed for Monitoring Parameters listed in **Table 2** (*Physical Parameters*) and **Table 3**

[1] I.e., to the extent that surface water detection monitoring is required under this Order.

[2] Non-background monitoring wells at the Point of Compliance constitute "Monitoring Points" for purposes of the Water Quality Protection Standard (WQPS).

(*Constituent Parameters*), in accordance with the specified schedule for each parameter. (Title 27, § 20420, subds. (e)-(f).)

**Table 2—Groundwater Detection Monitoring, Physical Parameters**

| Physical Parameter | GeoTracker Code | Units | Sampling Frequency | Reporting Frequency |
|---|---|---|---|---|
| Temperature | TEMP | °F | Quarterly | Quarterly |
| Electrical Conductivity | SC | µmhos/cm | Quarterly | Quarterly |
| pH | PH | pH Units | Quarterly | Quarterly |
| Turbidity | TURB | NTUs | Quarterly | Quarterly |

See Glossary for definitions of terms and abbreviations in table.

**Table 3—Groundwater Detection Monitoring, Constituent Parameters**

| Constituent Parameter | GeoTracker Code | Units | Sampling Frequency | Reporting Frequency |
|---|---|---|---|---|
| Nitrate (as N) | | mg/L | Quarterly | Quarterly |
| Nitrite (as N) | | mg/L | Quarterly | Quarterly |
| Ammonia (as N) | | mg/L | Quarterly | Quarterly |
| Total Kjeldahl Nitrogen | | mg/L | Quarterly | Quarterly |
| Total Nitrogen | | mg/L | Quarterly | Quarterly |
| TOC | | mg/L | Quarterly | Quarterly |
| COD | | mg/L | Quarterly | Quarterly |
| BOD | | mg/L | Quarterly | Quarterly |
| Total Phosphorous | | mg/L | Quarterly | Quarterly |
| Alkalinity* | | mg/L | Quarterly | Quarterly |
| Calcium* | CA | mg/L | Quarterly | Quarterly |

| Constituent Parameter | GeoTracker Code | Units | Sampling Frequency | Reporting Frequency |
|---|---|---|---|---|
| Chloride* | CL | mg/L | Quarterly | Quarterly |
| Iron* | FE | mg/L | Quarterly | Quarterly |
| Manganese* | MN | mg/L | Quarterly | Quarterly |
| Magnesium* | MG | mg/L | Quarterly | Quarterly |
| Potassium* | K | mg/L | Quarterly | Quarterly |
| Sodium* | NA | mg/L | Quarterly | Quarterly |
| Sulfate* | SO4 | mg/L | Quarterly | Quarterly |
| Total Hardness* | | mg/L | Quarterly | Quarterly |
| TDS* | TDS | mg/L | Quarterly | Quarterly |
| Conductivity* | | mg/L | Quarterly | Quarterly |
| Zinc* | ZN | mg/L | Quarterly | Quarterly |
| Carbonate (as CaCO3) | CACO3 | µmhos/cm | Quarterly | Quarterly |
| Bicarbonate (as CaCO3) | BICACO3 | mg/L | Quarterly | Quarterly |
| Dissolved Oxygen (DO) | | mg/L | Quarterly | Quarterly |
| Hydroxide (OH) | | mg/L | Quarterly- | Quarterly |

*Analyses should be accompanied by an anion/cation balance, demonstrating that analyses are complete.

See Glossary for definitions of terms and abbreviations in table.

**c. Groundwater Conditions**—Each quarter, the Discharger shall monitor the Groundwater Conditions specified in **Table 4**, with the result of such monitoring being reported quarterly per **Section D.1**.[3] (Title 27, § 20415, subd. (b)(1).)

**Table 4—Groundwater Detection Monitoring, Groundwater Conditions**

| Groundwater Condition | GeoTracker Code | Monitoring Frequency | Reporting Frequency |
|---|---|---|---|
| Elevation (Well-Specific) | ELEV | Monthly | Quarterly |
| Gradient | (*none*) | Monthly | Quarterly |
| Flow Rate | (*none*) | Monthly | Quarterly |

**2. Unsaturated Zone**

**a. Required Network**—The Facility's unsaturated zone monitoring network consists of the lysimeter (LYS) monitoring points specified in **Table 4**. As of the date of this Order, the network meets the requirements of Title 27. (Title 27, § 20415, subd. (d).)

**Table 4—Unsaturated Zone Monitoring Network**

| Monitoring Point | Program | Monitored Unit | Status |
|---|---|---|---|
| LY- SI-1 | Detection | SI | Operational |
| LY- SI-2 | Detection | SI | Operational |

See Glossary for definitions of terms and abbreviations in table.

[3] To the extent feasible, this information shall be determined separately for: (1) the uppermost aquifer; (2) any zones of perched water; and (3) any additional zone of saturation monitored based upon water level elevations taken prior to the collection of the water quality data submitted in the report. (Title 27, § 20415, subd. (e)(15).)

**b.** **Monthly Lysimeter Inspection**—Pan lysimeters shall be inspected **monthly** for the presence of liquid, which shall then be analyzed for the parameters in **Table 5**. (Title 27, § 20420, subds. (e)-(f).) If liquid is detected in a *previously dry* pan lysimeter, the Discharger shall notify Central Valley Water Board staff **within seven days** of the detection.

**Table 5—Unsaturated Zone Detection Monitoring (Lysimeters), Physical Parameters**

| Physical Parameter | GeoTracker Code | Units | Sampling Frequency | Reporting Frequency |
|---|---|---|---|---|
| Electrical Conductivity | SC | µmhos/cm | Monthly | Quarterly |
| pH | PH | pH Units | Monthly | Quarterly |
| TDS | TDS | mg/L | Monthly | Quarterly |
| Sulfate | SO4 | mg/L | Monthly | Quarterly |
| Volume of Removed Liquid | (*none*) | Gallons | Monthly | Quarterly |

See Glossary for definitions of terms and abbreviations in table.

**3.** **Surface Water**— In order to determine if the groundwater in the area is influenced seasonally by the Kings River, elevation monitoring of the Kings River is required to be monitored **monthly** and reported **quarterly**. Other than the elevation monitoring of the Kings River, there are no other **surface water** monitoring requirements.

**4.** **Summary of Water Quality Protection Standard (WQPS) Components**—The Water Quality Protection Standard (WQPS) is the Title 27 analytical framework through which an individual WMU is monitored for releases and impacts to water quality, i.e., the Detection Monitoring Program (DMP). (See Title 27, § 20390, subd. (a).) As explained in further detail below, for the duration of the *Compliance Period*, the *Monitoring Points* situated at a WMU's *Point of Compliance* are sampled and analyzed for *Monitoring Parameters* indicative of a release. If concentrations of *Constituents of Concern* exceed *Concentration Limits*, the results are confirmed through *Retesting Procedures*.

**a.** **Compliance Period**—The "compliance period" is the minimum time for which a water quality monitoring will be required—

i.e., equal to the sum of active years and the closure period. (Title 27, § 20410.) The period restarts each time an Evaluation Monitoring Program (EMP) is initiated for a given WMU. (*Id*., §§ 20410(a), 20415, 20425.) If a WMU is in corrective action, the period continues until it is demonstrated that the WMU has been in continuous compliance with its WQPS for at least three years. (*Id*., § 20410, subd. (c).)

**b.** **Monitoring Points**—For WQPS purposes, a "monitoring point" is any well, device, or location where monitoring is conducted, and is specified in the Facility's WDRs and subject to the WQPS. (Title 27, § 20164.) Monitoring Points are listed in **Section B** (*Detection Monitoring Program*)—specifically **Table 1** (*Groundwater*) and **Table 4** (*Unsaturated Zone*).

**c.** **Point of Compliance (POC)**—The Point of Compliance (POC) is a vertical plane at the WMU's hydraulically downgradient limit, extending through the uppermost underlying aquifer. (Title 27, §§ 10164, 20405(a).) The Facility's POC monitoring wells are listed below in **Table 1**.

**d.** **Constituents of Concern (COCs)**—Constituents of Concern (COCs) are waste constituents, reaction products, and hazardous constituents that are reasonably expected to be in or derived from waste contained in a WMU. (Title 27, §§ 20164, 20395.)

**e.** **Monitoring Parameters**—Monitoring Parameters are a predetermined set of COCs and measurable physical characteristics (e.g., temp., electrical conductivity, pH), which serve as reliable indicators of a WMU release, and for which samples will therefore be routinely analyzed. (Title 27, §§ 20164, 20395(a), 20420(e)-(f).) For the purposes of this MRP, the Monitoring Parameters are:

i. For **Groundwater**, those in Table 2 and Table 3; and

ii. For the **Unsaturated Zone**, those in Table 5.

**f.** **Concentration Limits**—The Concentration Limit for each COC is the "background concentration," as determined by the statistical

methods outlined in subdivision (e)(8) of Title 27, section 20415.[4] (Title 27, § 20400, subds. (a), (b).) Interwell statistical analysis is used to calculate Concentration Limits.

Concentration Limits shall be proposed and/or updated by the Discharger on an annual basis, in the Annual Monitoring Report (AMR) submitted per **Section D.2** here. Unless expressly rejected by the Executive Officer in writing, these Concentration Limits shall be incorporated as part of this Order.

**g.** **Retesting Procedures**—If monitoring results indicate measurably significant evidence of a release, as described in Section I.45 of the SPRRs (*Standard Monitoring Specifications*), the Discharger shall apply the following:

i. **Non-Statistical Retesting Procedures (SPRRs, § I.46)** for analytes detected in less than 10 percent of background samples (e.g., non-naturally occurring COCs); and

ii. **Statistical Retesting Procedures (SPRRs, § I.46)** for analytes detected in at least 10 percent of background samples (e.g., naturally occurring COCs).

## C. Additional Surface Impoundment Monitoring

**1.** **Leachate Collection & Removal System (LCRS)**—The Discharger shall operate and maintain leachate collection and removal system (LCRS) sumps, and conduct monitoring of any detected leachate seeps in accordance with Title 27 and the following provisions.

**a.** **Annual LCRS Testing**—All Leachate Collection and Removal Systems (LCRS) shall be tested annually to demonstrate proper operation, with the results of each test being compared to the results of prior testing. (See Title 27, § 20340, subd. (d).)

**b.** **Monthly Sump Inspection**—All LCRS sumps shall be inspected monthly for the presence of leachate. As provided in **Table 6**, the total flow and flow rate for leachate in each sump shall be recorded after each inspection and reported quarterly per **Section D.1**. The

[4] Concentration Limits are initially proposed by the discharger, then reviewed and approved by the Central Valley Water Board (subject to any necessary revisions). The limits specified herein are approved and incorporated as part of the Facility's WDRs.

Discharger shall notify Central Valley Water Board staff **within seven days** if the rate of fluid generation in any LCRS sump exceeds the discharge capacity of the sump pump to resulting in fluid head buildup on the secondary liner.

**Table 6—LCRS Monitoring, Monthly Inspection Parameters**

| Physical Parameter | GeoTracker Code | Units | Sampling Frequency | Reporting Frequency |
|---|---|---|---|---|
| Total Flow | (none) | Gallons | Monthly | Quarterly |
| Flow Rate | FLOW | Gallons/Day | Monthly | Quarterly |

See Glossary for definitions of terms and abbreviations in table.

**c.** **First Detection of Leachate in Sump**—Upon detecting leachate in a previously dry sump, the Discharger shall notify Central Valley Water Board staff **within seven days**, and immediately sample and analyze leachate for the parameters in **Table 7**.[5] Thereafter, whenever leachate is present in the same sump, the leachate shall be sampled and analyzed for the same parameters, and in accordance with the specified sampling and reporting schedule in Table 7.

**Table 7—LCRS Monitoring, Parameters for Subsequent Monitoring**

| Constituent Parameter | GeoTracker Code | Units | Sampling Frequency | Reporting Frequency |
|---|---|---|---|---|
| Electrical Conductivity | SC | µmhos/cm | Monthly | Quarterly |
| pH | PH | pH Units | Monthly | Quarterly |
| TDS | TDS | mg/L | Monthly | Quarterly |
| Sulfate | SO4 | mg/L | Monthly | Quarterly |

[5] The sampling and reporting schedules in Table 7 are applicable for subsequent monitoring only. When notifying Central Valley Water Board staff of the first detection of leachate, the Discharger shall indicate when laboratory results are expected to be available.

See Glossary for definitions of terms and abbreviations in table.

2. **Fluid Levels**—The fluid levels shall be estimated to the nearest one-inch and recorded **weekly** from calibrated gauges installed in the surface impoundment. The freeboard shall be calculated based on daily discharge for the days that the fluid levels are not read from the gauges installed in the surface impoundment. The fluid level shall be reported **quarterly** in both tabular and graphical form.

3. **Inspections**—All visible portions of the synthetic liner and surface impoundment features shall be inspected **weekly** until all free liquid is removed as part of closure. If, during the active live of the surface impoundment, the wastes are removed then an inspection shall be made of the entire liner and any defects or damage shall be repaired prior to refilling. The results of the weekly inspections and any repairs shall be reported **quarterly**.

4. **Wastewater**—The quantity of liquid waste discharged to the surface impoundment shall be recorded **daily** (in gallons per day) and reported **quarterly** in both tabular and graphical format. Wastewater influent samples shall be collected **monthly** and analyzed for the constituents in **Tables 2 and 3**. Dissolved oxygen concentrations in the upper foot of wastewater must be measured **weekly**. The results shall be reported **quarterly**.

## D. Reporting Requirements

**Table 8—Summary of Required Reports**

| Section | Report | Deadline |
|---|---|---|
| § D.1 | *Quarterly Monitoring Reports (SMRs)* | **1 May** (1 January to 31 March)<br>**1 August** (1 April to 30 June)<br>**1 November** (1 July to 30 September)<br>**1 February** (1 October to 31 December) |
| § D.2 | *Annual Monitoring Reports (AMRs)* | **1 February** |
| § D.3 | *Financial Assurances Reports* | **1 June** |
| § D.4 | *Water Quality Protection Standard Reports* | **Proposed Revisions** (excluding Concentration Limits) |

**1. Quarterly Monitoring Reports (SMRs)**—The Discharger shall submit Quarterly Monitoring Reports (SMRs) on **1 May** (1 January to 31 March), **1 August** (1 April to 30 June), **1 November** (1 July to 30 September) and **1 February** (1 October to 31 December). SMRs shall contain the following materials and information:

a. A statement affirming that all sampling activities referenced in the report were conducted in accordance with the approved SCAP (see § A.4).

b. Map(s)/aerial photograph(s) depicting locations of all observation stations, monitoring points referenced in the report.

c. In tabulated format, all monitoring data required to be reported on a quarterly basis, including Groundwater Conditions and Monitoring Parameters. (See Section D.5.b for additional requirements.)

d. For each groundwater monitoring point referenced in the SMR:

i. The times each water level measurement was taken;

ii. The type of pump or other device used to purge and elevate pump intake level relative to screening interval;

iii. The purging methods used to stabilize water in the well bore before sampling (including pumping rate);

iv. The equipment and methods used for monitoring pH, temperature and electrical conductivity (EC) during purging activity, and the results of such monitoring;

v. Methods for disposing of purged water; and

vi. The type of device used for sampling, if different than the one used for purging.

e. Evaluation of concentrations for all Constituent Parameters and comparison to current Concentration Limits, and results of any Retesting Procedures per Section B.4.g.

f. In the event of a verified exceedance of Concentration Limit(s), any actions taken per Section J of the SPRRs (*Response to Release*).

g. Evaluation as to effectiveness of existing monitoring and control facilities, and runoff/run-on control facilities.

h. A summary of any instances where the rate of fluid generation in any LCRS sump exceeded the discharge capacity of the sump pump resulting in fluid head buildup on the secondary liner.

i. Summaries of all liner inspections conducted per Section C.3 during the reporting period.

j. Summaries of inspections, leak searches and liner repairs conducted in accordance with an approved maintenance plan.

k. Laboratory statements of results of all analyses evaluating compliance with the WDRs.

2. **Annual Monitoring Reports (AMRs)**—On **1 February** of each year,[6] the Discharger shall submit an Annual Monitoring Report (AMR) containing following materials and information:

   a. In tabulated format, all monitoring data for which annual reporting is required under this MRP. (See Section D.5.b for additional requirements for monitoring reports.)

   b. An evaluation of Monitoring Parameters with regard to the cation/anion balance, and graphical presentation of same in a Stiff diagram, Piper graph or Schoeller plot.

   c. All historical monitoring data for which there are detectable results, including data for the previous year, shall be submitted in tabular form in a digital file.

   d. For each groundwater well, quarterly hydrographs showing the elevation of groundwater with respect to the top and bottom of the screened interval, and the elevation of the pump intake,

   e. A comprehensive discussion of the Facility's compliance record, and the result of any corrective actions taken or planned which may be needed to attain full compliance with the WDRs.

   f. A summary of the monitoring results, indicating any changes made or observed since the previous AMR.

   g. A discussion on the results of Annual LCRS Testing conducted in accordance with Section C.1.a.

   h. When required per Section B.4.f of this Order, periodic updates to the Concentration Limits for all Monitoring Parameters and WQPS Monitoring Points.

3. **Financial Assurances Report**—By **1 June** of each year, the Discharger shall submit a copy of the annual financial assurances report that updates

[6] The Annual Monitoring Report may be combined with the Semiannual Monitoring Report for 1 July through 31 December of the same year, provided that the combination is clearly indicated in the title.

the financial assurances for closure, post-closure maintenance, and corrective action. (See WDRs Order.)

4. **Water Quality Protection Standard Report**—Any proposed changes[7] to the Water Quality Protection Standard (WQPS) components (§ B.4), other than periodic update of the Concentration Limits (§ B.4.f), shall be submitted in a WQPS Report for review and approval. The report shall be certified by a "Qualified Professional" (§ B), and contain the following:

   a. *Potentially Affected Waterbodies*—An identification of all distinct bodies of surface water and groundwater potentially affected by a WMU release (including, but not limited to, the uppermost aquifer and any permanent or ephemeral zones of perched groundwater underlying the Facility);

   b. *Map of Monitoring Points*—A map of all groundwater, surface water[8] and unsaturated zone monitoring points (including all background/upgradient and Point of Compliance monitoring points);

   c. *Groundwater Movement*—An evaluation of perennial direction(s) of groundwater movement within the uppermost zone(s);

   d. *Statistical Method for Concentration Limits*—A proposed statistical method for calculating Concentration Limits for Monitoring Parameters detected in at least 10 percent of the background data (naturally-occurring constituents) using a statistical procedure from subdivisions (e)(8)(A)-(D) or (e)(8)(E) of Title 27, section 20415; and

   e. *Retesting Procedure*—A retesting procedure to confirm or deny measurably significant evidence of a release (Title 27, §§ 20415(e)(8)(E), 20420(j)(1)-(3)).

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[7] If subsequent sampling of the background monitoring point(s) indicates significant water quality changes due to either seasonal fluctuations or other reasons unrelated to onsite waste management activities, the Discharger may request modification of the WQPS.

[8] To the extent that surface water monitoring is included in the Detection Monitoring Program.

## 5. General Reporting Provisions

**a. Transmittal Letters**—Each report submitted under this MRP shall be accompanied by a Transmittal Letter providing a brief overview of the enclosed report, as well as the following:

i. Any violations found since the last report was submitted, a description of all actions undertaken to correct the violation (referencing any previously submitted time schedules for compliance), and whether the violations were corrected; and

ii. A statement from the submitting party, or its authorized agent, signed under penalty of perjury, certifying that, to the best of the signer's knowledge, the contents of the enclosed report are true, accurate and complete.

**b. Monitoring Data and Reports**

**i. Electronic Submission via GeoTracker**—All reports with monitoring data (e.g., SMRs and AMRs) shall be submitted electronically via the State Water Board's Geotracker Database (https://geotracker.waterboards.ca.gov). After uploading a report, the Discharger shall notify Central Valley Water Board staff via email at CentralValleyFresno@WaterBoards.ca.gov. The following information shall be included in the body of the email:

| | |
|---|---|
| **Attention:** | Title 27 Compliance & Enforcement Unit |
| **Report Title:** | [Title of Report] |
| **GeoTracker Upload ID:** | T10000017210 |
| **Facility Name:** | Reedley Winery, Class II Surface Impoundment |
| **County:** | Fresno County |
| **WDID:** | 5C10NC00014 |

**ii. Data Presentation and Formatting**—In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible.

Additionally, data shall be summarized in a manner that clearly illustrates compliance/noncompliance with WDRs.

iii. **Non-Detections / Reporting Limits**—Unless the reporting limits (RL) are specified in the same table, non-detections and sub-RL concentrations shall be reported as "**< [limit]**" (e.g., "< 5 µg/L").

iv. **Units**—Absent specific justification, all monitoring data shall be reported in the units specified herein.

c. **Compliance with SPRRs**—All reports submitted under this MRP shall comply with applicable provisions of the SPRRs, including those in Section I (*Standard Monitoring Specifications*) and Section J (*Response to Release*).

d. **Additional Requirements for Monitoring Reports**—Every monitoring report submitted under this MRP (e.g., SMRs [§ D.1], AMRs [§ D.2]) shall include a discussion of relevant field and laboratory tests, and the results of all monitoring conducted at the site shall be reported to the Central Valley Water Board in accordance with the reporting schedule above for the calendar period in which samples were taken or observations made.

**E. Record Retention Requirements**—The Discharger shall maintain permanent records of all monitoring information, including without limitation: calibration and maintenance records; original strip chart recordings of continuous monitoring instrumentation; copies of all reports required by this MRP; and records of all data used to complete the application for WDRs. Such records shall be legible, and show the following for each sample:

1. Sample identification and the monitoring point or background monitoring point from which it was taken, along with the identity of the individual who obtained the sample;

2. Date, time and manner of sampling;

3. Date and time that analyses were started and completed, and the name of the personnel and laboratory performing each analysis;

4. A complete list of procedures used (including method of preserving the sample, and the identity and volumes of reagents used);

5. A calculation of results; and

6. The results of all analyses, as well as the MDL and PQL for each analysis (all peaks shall be reported).

## ENFORCEMENT

If, in the opinion of the Executive Officer, the Discharger fail 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 $10,000 per violation, per day, depending on the violation, pursuant to the Water Code, including sections 13268, 13350 and 13385. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

## ADMINISTRATIVE REVIEW

Any person aggrieved by this Central Valley Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. To be timely, the petition must be received by the State Water Board by 5:00 pm on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday or state holiday, the petition must be received by the State Water Board by 5:00 pm on the next business day. The law and regulations applicable to filing petitions are available on the State Water Board website (http://www.waterboards.ca.gov/public_notices/petitions/water_quality). Copies will also be provided upon request.