CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

TENTATIVE MONITORING AND REPORTING PROGRAM R5-2025-XXXX FOR REDDING REGIONAL SEPTAGE DISPOSAL FACILITY, SHASTA 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 R5-2025-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.

Redding Regional Septage Disposal Facility, operated by Shasta County Public Works (Discharger) owns and operates a septage receival and disposal facility (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. DISCHARGE/RECIEVING MONITORING

Discharge flow rates shall be measured using current method of weighing of transport vehicles prior and to and after unloading and calculating gallons from accepted standard weight of waste. Weighing of transport vehicles will continue to occur at the nearby Anderson Landfill weigh station specified in this MRP. If future improvements to the site include the addition of a flow monitoring system either to the discharge 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. There are no known flowmeters used at the site currently and there is no plan to add flowmeters to any part of the facility at this time.

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
Pond 1A,1B, 2, 3, 4, W-1, W-2, W-3, W-4, W-5, E-1, E-2, E-3, E-4, E-5	Treatment Ponds
Well MW-1, MW-3, MW-4, MW-5	Groundwater monitoring sample locations
Lysimeter L-1, L-2, L-3, L-4	Vadose zone monitoring sample locations

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. POND MONITORING

The Discharger shall monitor Pond 1A,1B, 2, 3, 4, W-1, W-2, W-3, W-4, W-5, E-1, E-2, E-3, E-4, E-5. Freeboard shall be visually monitored vertically from the surface of the water to the lowest elevation of the berm of that pond. Samples for dissolved oxygen shall be collected at a depth of one foot below the surface of the water opposite the inlet. Dissolved oxygen monitoring is to be performed between the hours of 8:00 a.m. and 10:00 a.m., as feasible. At a minimum, the pond shall be monitored as specified below:

Table 2 - Pond Monitoring (Pond 1A,1B, 2, 3, 4, W-1, W-2, W-3, W-4, W-5, E-1, E-2, E-3, E-4, E-5)

Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Septage Intake	Gallons	Observation	Monthly	Semi-Annual
Freeboard	0.1 feet	Observation	Monthly	Semi-Annual
Odors	---	Observation	Monthly	Semi-Annual
Berm Condition	---	Observation	Monthly	Semi-Annual

The wet-weather contingency plan has been developed for the facility as described in the Waste Discharge Requirements, meant to maximize available storage capacity and establish emergency response measures. The use of the wet-weather contingency will require reporting when such activities occur.

Table 3 – Wet Weather Contingency Pond Monitoring Ponds E-4 and E-5)

Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Storm water accumulation Depth	0.1 feet	Observation	Quarterly	Semi-Annual
Date of Pumping Storm Water back into other Ponds	---	Observation	Quarterly	Semi-Annual
Estimated Volume Pumped back into other Ponds	Gallons	Observation	Quarterly	Semi-Annual
NPDES Permit Number	---	Observation	Quarterly	Semi-Annual
Date(s) of non-contact storm water pumping offsite	---	Observation	Quarterly	Semi-Annual
Volume pumped off site	Gallons	Observation	Quarterly	Semi-Annual

B. EFFLUENT MONITORING (EFF)

The Discharger shall monitor the discharge of wastewater (effluent) to each treatment pond (Monitoring Locations: Pond 1A,1B, 2, 3, 4, W-1, W-2, W-3, W-4, W-5, E-1, E-2, E-3, E-4, E-5). Samples shall be representative of the volume and nature of the effluent. 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 Ponds

Constituent	Units	Sample Type	Monitoring Frequency[3]	Reporting Frequency[3]
Specific Conductance	µmhos/cm	Grab	Quarterly	Semi-Annual
pH	Standard unit	Grab	Quarterly	Semi-Annual
Temperature	C°	Grab	Quarterly	Semi-Annual
Dissolved Oxygen	mg/L	Grab	Quarterly	Semi-Annual
Total Dissolved Solids	mg/L	Grab	Semi-Annual	Semi-Annual
Total Suspended Solids	mg/L	Grab	Semi-Annual	Semi-Annual
Chemical Oxygen Demand	mg/L	Grab	Semi-Annual	Semi-Annual
Biologic Oxygen Demand	mg/L	Grab	Semi-Annual	Semi-Annual
Chloride	mg/L	Grab	Semi-Annual	Semi-Annual
Sulfate	mg/L	Grab	Semi-Annual	Semi-Annual
Nitrate as Nitrogen	mg/L	Grab	Semi-Annual	Semi-Annual
Total Kjeldahl Nitrogen	mg/L	Grab	Semi-Annual	Semi-Annual
Metals[1]	µg/L	Grab	Annual	Annual
Volatile Organic Compounds[2]	µg/L	Grab	Annual	Annual

Notes:

1. Samples for metals shall be filtered prior to preservation and digestion using a 0.45-micron filter. Metals shall include, at a minimum, the following: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium (Total and Hexavalent), Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc.
2. Volatile Organic Compounds shall include at a minimum: Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Dibromochloromethane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, p-Isopropyltoluene, Methylene chloride, Methyl t-butyl ether, Naphthalene, n-Propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl chloride, Total Xylenes, p- & m-Xylenes, o-Xylene, 1,2-Dichloroethane-d4 (Surrogate), Toluene-d8 (Surrogate), 4-Bromofluorobenzene
3. Upon Central Valley Water Board approval, sampling frequency may be reduced after two consecutive years of data has been analyzed and submitted.

C. GROUNDWATER MONITORING

The Discharger shall maintain the groundwater monitoring well network. If a 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 in each well to the nearest 0.01 feet. Groundwater elevations shall then be calculated to determine groundwater gradient and flow direction.

Low or no-purge sampling methods are acceptable if described in an approved Sampling and Analysis Plan. Otherwise, each monitoring well shall be purged of at least 3 to 5 casing volumes until pH, electrical conductivity, and turbidity have stabilized prior to sampling. Groundwater monitoring for all monitoring wells shall include, at a minimum, the following:

Table 5 - Groundwater Monitoring

Constituent	Units	Sample Type	Monitoring Frequency[4]	Reporting Frequency[4]
Depth to Groundwater[1]	0.01 feet	Measurement	Quarterly	Semi-Annual
Groundwater Elevation	0.01 feet	Calculation	Quarterly	Semi-Annual
Gradient	feet/feet	Calculation	Quarterly	Semi-Annual
Gradient Direction	Degrees	Calculation	Quarterly	Semi-Annual
pH	Standard Unit	Grab	Semi-Annual	Semi-Annual
Specific Conductance	µmhos/cm	Grab	Semi-Annual	Semi-Annual
Temperature	C°	Grab	Semi-Annual	Semi-Annual
Dissolved Oxygen	mg/L	Grab	Semi-Annual	Semi-Annual
Total Dissolved Solids	mg/L	Grab	Semi-Annual	Semi-Annual
Chloride	mg/L	Grab	Semi-Annual	Semi-Annual
Sulfate	mg/L	Grab	Semi-Annual	Semi-Annual
Nitrate as Nitrogen	mg/L	Grab	Semi-Annual	Semi-Annual
Total Kjeldahl Nitrogen	mg/L	Grab	Semi-Annual	Semi-Annual
Metals[2]	µg/L	Grab	Annual	Annual
Volatile Organic Compounds[3]	µg/L	Grab	Annual	Annual

Notes:

1. Groundwater elevations shall be determined based on depth-to-water measurements using a surveyed elevation reference point on the well casing.
2. Samples for metals shall be filtered prior to preservation and digestion using a 0.45-micron filter. 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.

3. Volatile Organic Compounds shall include at a minimum: Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Dibromochloromethane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, p-Isopropyltoluene, Methylene chloride, Methyl t-butyl ether, Naphthalene, n-Propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl chloride, Total Xylenes, p- & m-Xylenes, o-Xylene, 1,2-Dichloroethane-d4 (Surrogate), Toluene-d8 (Surrogate), 4-Bromofluorobenzene
4. Upon Central Valley Water Board approval, sampling frequency may be reduced after two consecutive years of data has been analyzed and submitted.

D. VADOSE ZONE MONITORING

The Discharger shall maintain the current vadose zone monitoring well (Lysimeter) network. If a lysimeter is damaged or become inoperable, the Discharger shall submit a work plan and proposed time schedule to replace the lysimeter.

Vadose zone monitoring for all lysimeters shall include, at a minimum, the following:

Table 6 – Vadose Zone Monitoring

Constituent	Units	Sample Type	Monitoring Frequency[4]	Reporting Frequency[4]
Sample Volume	mL	Grab	Annual	Annual
pH	Standard Unit	Grab	Annual	Annual
Specific Conductance	µmhos/cm	Grab	Annual	Annual
Temperature	C°	Grab	Annual	Annual
Total Dissolved Solids	mg/L	Grab	Annual	Annual
Chloride	mg/L	Grab	Annual	Annual
Sulfate	mg/L	Grab	Annual	Annual
Nitrate	mg/L	Grab	Annual	Annual
Total Kjeldahl Nitrogen	mg/L	Grab	Annual	Annual
Metals[1]	mg/L	Grab	Annual	Annual
General Minerals[2]	mg/L or µg/L	Grab	Annual	Annual
Volatile Organic Compounds[3]	µg/L	Grab	Annual	Annual

Notes:

1. Samples for metals shall be filtered prior to preservation and digestion using a 0.45-micron filter. Metals shall include, at a minimum, the following: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium (Total and Hexavalent), Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc.
2. 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.
3. Volatile Organic Compounds shall include at a minimum: Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Dibromochloromethane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, p-Isopropyltoluene, Methylene chloride, Methyl t-butyl ether, Naphthalene, n-Propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl chloride, Total Xylenes, p- & m-Xylenes, o-Xylene, 1,2-Dichloroethane-d4 (Surrogate), Toluene-d8 (Surrogate), 4-Bromofluorobenzene
4. Upon Central Valley Water Board approval, sampling frequency may be reduced after two consecutive years of data has been analyzed and submitted.

E. SOLIDS MONITORING (SOLIDS)

The Discharger shall maintain detailed records for disposal and/or recycling of residual solids removed as regular maintenance from the Facility. The record should include information on quantity, storage, method of disposal, and receipts (if applicable) to be included in the corresponding semi-annual monitoring report. The Discharger shall submit within 90 days waste characterization of residual solids from the RO and SAF units as required by the receiver for final disposal.

Sludge in Pond 1A,1B is removed in alternating years but Sludge in Ponds 2, 3, 4, shall be measured every five-years if sludge is greater than 10% of the total capacity in the singular pond the Discharger will submit a plan for sludge removal, as indicated in the 2018 Updated Sludge Management Plan. Sludge is not expected to be present in any discernable amount in Ponds W-1, W-2, W-3, W-4, W-5, E-1, E-2, E-3, E-4, E-5 given the nature and design of the system.

III. REPORTING REQUIREMENTS

All monitoring reports should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to*:* centralvalleyredding@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
Region 5 – Redding
364 Knollcrest Dr., Suite 205
Redding, California 96002

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or transmittal sheet:

Program: Non-15
Facility: Redding Regional Septage Disposal Facility
Order: MRP R5-2025-XXXX
County: Shasta
WDID: 5A450300004

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. SEMI-ANNUAL MONITORING REPORTS

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

1. Results of **Pond Monitoring (included wet-weather contingency)**
2. Results of **Effluent Monitoring**
3. Results of the **Groundwater Monitoring**
4. Results of the **Vadose Zone Monitoring**
5. Results of **Solids Monitoring**
6. Copies of laboratory analytical reports.
7. A discussion of annual chemical usage at the Facility (e.g., chemical name, purpose, and quantity used).
8. A summary of any changes in processing that might affect waste characterization 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. SEMI/ANNUAL MONITORING REPORT

In addition to the above information, the fourth quarter monitoring report, due **1st February of each year,** shall include the following:

1. Total annual influent flow, average monthly flows for each month of the year, and the average dry weather flow 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 average concentration for each well during the calendar year to the corresponding water quality objective.

4. Geochemical analysis of the underlying groundwater that includes stiff diagrams overlying the water table, total cation/anion balance, and diagrams showing analytes versus the water table.

5. A summary of information on the disposal of sludge and/or solid waste during the calendar year.

6. 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.

7. 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.

8. Monitoring equipment maintenance and calibration records, as described in Standard Provision C.4.

9. A discussion of any data gaps and potential deficiencies or redundancies in the monitoring system or reporting program.

10. 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).

11. 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) or will be provided on request.

The Discharger shall implement the above monitoring program R5-2025-XXXX**.**

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

PATRICK PULUPA, Executive Officer