CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

[TENTATIVE] MONITORING AND REPORTING PROGRAM ORDER R5-2026-XXXX
FOR
CITY OF FIREBAUGH
FIREBAUGH WASTEWATER TREATMENT FACILITY
FRESNO COUNTY

This Monitoring and Reporting Program Order (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.

City of Firebaugh (Discharger) owns and operates the Firebaugh Wastewater Treatment Facility (WWTF or Facility) and the associated Use Areas. Tomatek, Inc., operates the Use Areas. The reuse of reclaimed wastewater from the Facility on the Use Areas is subject to the WDRs Order, and the Discharger is responsible for compliance with this MRP. Issuance of this MRP supersedes and effectively terminates MRPs previously issued for the WWTF. 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

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. Flow measurements shall be based on flow meter readings, unless specifically stated otherwise. 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-001	Location where a representative sample of the influent wastewater may be collected prior to any additives, treatment processes, or WWTF return flows.
EFF-001	Location where a representative sample of the effluent may be collected after the polishing ponds and before discharge to the percolation ponds until the Facility upgrades are completed as described in Findings 37 through 49 of the WDRs Order. Upon completion of the Facility upgrades (i.e., upon submittal of the Final Completion Report per Provision J.4 of the WDRs Order), the effluent sample shall be collected after the clarifiers and prior to discharge to the storage ponds, percolation ponds, and/or Use Areas.
PND-001, etc.	Evaporation/percolation ponds.
ESP-001, etc.	Lined effluent storage ponds.
EP-001	Emergency pond.
SW-001	City of Firebaugh public water supply
MW-1, etc.	Existing groundwater monitoring wells and any future monitoring wells added to the WWTF's groundwater monitoring network.
BIO-001	Sludge/Biosolids monitoring

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, 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, or at least annually;
3. The instruments are serviced and/or calibrated by the manufacturer at the recommended frequency, or at least annually; 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-001)

The Discharger shall monitor the influent wastewater at Monitoring Location INF-001. Samples shall be representative of the volume and nature of the discharge. Time of collection of all samples shall be recorded. At a minimum, the influent shall be monitored as specified in Table 3:

Table 2 - Influent Monitoring

Constituent/Parameter	Units	Sample Type	Frequency
Flow	mgd	Metered	Continuous
pH	Std. Units	Grab	Weekly
BOD_5	mg/L	Grab	Weekly (see 1 below)
TSS	mg/L	Grab	Weekly (see 1 below)
EC	µmhos/cm	Grab	Weekly
Total Nitrogen	mg/L	Grab	Monthly

1. Influent (INF-001) and effluent (EFF-001) samples to be collected on the same day.

B. EFFLUENT MONITORING (EFF-001)

The Discharger shall monitor the quality of its treated effluent at Monitoring Location EFF-001. Samples shall be representative of the volume and nature of the discharge. Time of collection of all samples shall be recorded. Effluent monitoring shall include at least the following:

Table 3 - Effluent Monitoring

Constituent/Parameter	Units	Sample Type	Frequency
Flow	mgd	Meter	Continuous
BOD_5	mg/L	Grab	Weekly (see 1 below)
TSS	mg/L	Grab	Weekly (see 1 below)
pH	Std. Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
TDS	mg/L	Grab	Monthly
Ammonia	mg/L	Grab	Monthly
Nitrate (as N)	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Grab	Monthly
General Minerals (see 2 below)	mg/L	Grab	Annually

1. Influent (INF-001) and effluent (EFF-001) samples to be collected on the same day.
2. See the Glossary for the definition of General Minerals.

C. POND MONITORING (EP-001, ESP-001, PND-001, ETC.)

The Discharger shall monitor the emergency pond, lined effluent storage ponds when completed, and evaporation/percolation ponds when wastewater is present. Sampling and monitoring shall be conducted from permanent locations that will provide

representative samples and observations of the ponds. Water quality samples (e.g., DO, pH, and EC) shall be collected opposite the pond inlet at a depth of one foot. If wastewater depth within a pond is inadequate to conduct sampling (i.e., dry), the monitoring report shall so state. Freeboard shall be measured to the nearest 0.1 foot vertically from the surface of the water to the lowest elevation of the berm. At a minimum, the ponds shall be monitored as specified in Table 5 below:

Table 4 - Pond Monitoring

Constituent/Parameter	Units	Sample Type	Frequency
DO (see 1 below)	mg/L	Grab	Weekly (see 1 and 2 below)
pH	s.u.	Grab	Weekly (see 1 and 2 below)
EC	µmhos/cm	Grab	Weekly
Freeboard	Nearest 0.5 Foot	Observation	Weekly
Odors	---	Observation	Weekly (see 2 below)
Berm/levee condition	---	Observation	Weekly
Liner Condition (see 3 below)	---	Observation	Annually
Solids Depth (see 4 below)	Nearest 1 Foot	Observation	Triennially

1. Samples for DO and pH shall be collected between 8:00 am and 10:00 a.m. when there is more than one foot of water in the pond. If there is insufficient water in the pond no sample shall be collected, and the Discharger shall report that in the appropriate monitoring report.
2. If offensive odors are detected by or brought to the attention of the Discharger, the Discharger shall monitor the potential source pond at least daily for DO, pH, and odors until the odor issue has been resolved and the DO in the pond is greater than 1.0 mg/L.
3. Required where liner is present (i.e., effluent storage ponds)
4. Thickness of settled solids at the bottom of the pond(s).

D. PUBLIC WATER SUPPLY MONITORING (SW-001)

The Discharger shall monitor the public water supply for the City at SW-001. If the supply is from more than one source, the sample shall be a flow weighted average of all sources. At a minimum, the public water supply shall be monitored as specified in Table 6 below. As an alternative to municipal water supply monitoring,

the Discharger may submit the City's most recent Consumer Confidence Report in the Fourth Quarter Monitoring Report.

Table 5 - Source Water Monitoring

Constituent/Parameter	Units	Sample Type	Frequency
EC	µmhos/cm	Grab	Annually
Nitrate (as N)	mg/L	Grab	Annually
TDS	mg/L	Grab	Annually
General Minerals (see 1 below)	mg/L	Grab	Triennially

1. See the Glossary for the definition of General Minerals.

E. GROUNDWATER MONITORING (MW-001, ETC.)

Prior to construction of any additional groundwater monitoring wells, the Discharger shall submit plans and specifications to the Central Valley Water Board for review and approval. Once installed, all new monitoring wells shall be appropriately incorporated into monitoring conducted under this MRP.

Prior to purging or sampling, the groundwater depth shall be measured in each well to the nearest 0.01 feet. Groundwater elevations shall be determined based on depth-to-water measurements using a surveyed elevation reference point on the well casing. Groundwater elevations shall then be calculated to determine groundwater gradient and flow direction. The Discharger shall submit maps depicting observed groundwater depths, elevations, and determined groundwater flow direction and gradient for each quarter in the Fourth Quarter Monitoring Report.

The Discharger shall monitor the wells in its monitoring well network MW-1 through MW-7 and any subsequent monitoring wells as specified below. Low flow 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, EC, and turbidity have stabilized prior to sampling. Groundwater monitoring for all monitoring wells shall include, at a minimum, the following:

Table 6 - Groundwater Monitoring

Constituent/Parameter	Units	Sample Type	Frequency
Depth to Groundwater	0.01 feet	Measurement	Quarterly
Groundwater Elevation	0.01 feet	Calculation	Quarterly
Gradient	feet/feet	Calculation	Quarterly
Gradient Direction	degrees	Calculation	Quarterly
pH	Std. Units	Grab	Quarterly
Total Kjeldahl Nitrogen	mg/L	Grab	Quarterly
Ammonia (as N)	mg/L	Grab	Quarterly
Nitrate (as N)	mg/L	Grab	Quarterly
Total Nitrogen	mg/L	Grab	Quarterly
TDS	mg/L	Grab	Quarterly
EC	µmhos/cm	Grab	Quarterly
Total Coliform	MPN/100 mL	Grab	Quarterly
General Minerals (see 1 below)	mg/L	Grab	Quarterly

1. See the Glossary for the definition of General Minerals.

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(s), as needed to maintain coverage around the Facility and Use Areas. The work plan shall be submitted within 90 days of submittal of the monitoring report identifying the fourth dry sampling event. The well(s) shall be replaced following Executive Officer approval of the work plan. Once installed, all new wells shall be added to the groundwater monitoring network.

F. SOLIDS MONITORING (SOLIDS)

A composite sample of dewatered sludge/biosolids shall be collected at Monitoring Location BIO-001, in accordance with US EPA's *POTW Sludge Sampling and Analysis Guidance Document* (August 1989) and tested for the metals listed in Title 22 whenever sludge/biosolids is removed from the WWTF for disposal. Sampling records shall be retained for a minimum of five years. A log shall be kept of sludge qualities generated and handling, application, and disposal activities. The frequency of entries is discretionary; however, the log should be complete enough to serve as a basis for part of the Fourth Quarter 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 WDR100028275** at the Geotracker 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).

Additional GeoTracker support information can be found at the following:

a. 'Guides/Resources' document link in the "Tools" on the Discharger's GeoTracker ESI account.

b. Resources on the GeoTracker ESI website, such as the Beginner's Guide (https://www.waterboards.ca.gov/ust/electronicsubmittal/docs/geotrackeresirpbeginner s_guide_revisedoct2019.pdf).

c. 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. All field calibration logs and equipment maintenance records shall be retained onsite for a minimum of three years and made available upon request.

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. QUARTERLY MONITORING REPORTS

Quarterly Monitoring Reports shall be prepared and submitted to the Central Valley Water Board by **the first (1st) day of the second month after the quarter** (i.e. the 1st quarter [January – March] quarterly report is due 1st May). Each Quarterly Report shall include the following:

1. Results of the **Influent Monitoring** as specified in Section II.A.

2. Results of the **Effluent Monitoring** as specified in Section II.B, including:

a. Calculation of the maximum daily and monthly average flow for each month of the quarter;

b. Calculation of the 12-month rolling average EC of the discharge for each month of the quarter using the EC value for that month averaged with the EC values for the previous 11 months.

3. Results of **Pond Monitoring** as specified in Section II.C.

4. Results of the **Groundwater Monitoring** as specified in Section II.E, including:

a. A narrative description of all preparatory, monitoring, sampling, and sample handling for groundwater monitoring.

b. A field log for each well documenting depth to groundwater; sample preparation (e.g., filtering); and sample preservation. For each sampling event, the Discharger may provide a table summarizing this information for all groundwater monitoring wells sampled in lieu of providing a field log for each well. The field logs should be made available on request of the Central Valley Water Board.

c. Calculation of groundwater elevation at each monitoring well, and determination of groundwater flow direction and gradient on the date of the measurement.

d. For each monitoring well, a table showing groundwater depth, elevation, and constituent concentrations for at least the five previous years, up through the current quarter.

5. A comparison of monitoring data with the Effluent Limitations and Discharge Specifications specified in the WDRs Order. Include an explanation for any violations.

6. Copies of all laboratory analytical reports.

7. A copy of calibration log page(s) verifying calibration of all hand-held monitoring instruments used during the quarter.

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

B. FOURTH QUARTER MONITORING REPORT

In addition to the above information, the fourth quarter monitoring report shall be prepared and submitted to the Central Valley Water Board by **1st February each year**, and shall include the following:

1. The names, certificate grades, and general responsibilities of all persons in charge of wastewater treatment and disposal.

2. The names and telephone numbers of persons to contact regarding the WWTF for emergency and routine situations.

3. A statement certifying when the flow meter and other monitoring instruments and devices were last calibrated, including identification of who performed the calibrations (Standard Provision C.4).

4. The results of an annual evaluation conducted pursuant to Standard Provisions E.4 and a figure depicting monthly average discharge flow for the previous three calendar years.

5. Summary groundwater monitoring data tables of analytical results collected during each quarter and the current water table elevations.

6. An evaluation of the groundwater quality beneath the site and determination of compliance with the Groundwater Limitations, based on statistical analysis for each constituent monitored for each well. Include all calculations and data input/analysis tables derived from use of statistical software, as applicable.

7. A scaled map showing relevant structures and features of the Facility, the locations of monitoring wells, surface waters, and groundwater elevation contours referenced to an appropriate datum (e.g., National Geodetic Vertical Datum), observed depths to groundwater, and determined flow direction and gradient.

8. A summary and discussion of the compliance record for the reporting period. If violations have occurred, the report shall also discuss the corrective actions taken and planned to bring the discharge into full compliance with this Order.

9. An evaluation of the facility's annual average effluent EC (monitored at EFF-001) to the Salinity Action Level of 2,000 µmhos/cm. If the facility's discharge exceeds the Salinity Action Level, the Discharger shall submit a Salinity Action Level Report by 1 March of the year following the exceedance of the Salinity Action Level as described in the WDRs Order.

10. Results of the **Public Water Supply Monitoring** as specified in Section II.D. If multiple sources are used, the Discharger shall calculate the flow-weighted average concentrations for each constituent monitored. Results must include supporting calculations. The Discharger may

alternatively submit the City's most recent Public Water System Consumer Confidence Report.

11. Results of the **Solids Monitoring** as specified in Section II.F.

12. Annual production of total sludge/biosolids in dry tons or cubic yards (if applicable).

13. A description of the sludge/biosolids disposal methods (if applicable), including the following information related to the disposal methods used. If more than one method is used, including the percentage disposed of by each method.

    a. For landfill disposal, include: the name and location of the landfill, and the Order number of WDRs that regulate it.

    b. For application at a Use Area(s), include: the location of the site, and the Order number of any WDRs that regulate it.

    c. For incineration, include: the name and locations of the site where incineration occurs, the Order number of WDRs that regulate the site, the disposal method of ash, and the name and location of the facility receiving as (if applicable).

    d. For composting, include: the location of the site, and the Order number of any WDRs that regulate it.

14. A statement whether the current operation and maintenance manual, sampling plan, and contingency plan, reflect the WWTF as currently constructed and operated, and the dates when these documents were last reviewed for adequacy.

15. A discussion of compliance and corrective actions taken, as well as any planned or proposed actions needed to bring the discharge into full compliance with the WDRs Order.

C. STATE WATER BOARD VOLUMETRIC ANNUAL REPORTING

Per State Water Resources Control Board's Water Quality Control Policy (https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2018/rs2018_0057.pdf) amended in December 2018, dischargers of treated wastewater and recycled water are required to report annually monthly volumes of influent, wastewater produced, and effluent, including treatment level and discharge type. The Discharger shall submit an annual report to the State Water Board by April 30 of each calendar year furnished with the information detailed below. The Discharger must submit this annual report containing monthly

data in electronic format via the State Water Board's Internet GeoTracker system. Required data shall be submitted to the GeoTracker database under a site-specific global identification number. Any data will be made publicly accessible as machine readable datasets. The Discharger must report all applicable items listed below:

a. **Influent**. Monthly volume of wastewater collected and treated by the wastewater treatment plant.

b. **Production**. Monthly volume of wastewater treated, specifying level of treatment.

c. **Discharge**. Monthly volume of treated wastewater discharged to land, where beneficial use is not taking place, including evaporation or percolation ponds, overland flow, or spray irrigation disposal, excluding pasture of fields with harvested grounds.

d. **Reuse**. Monthly volume of recycled water distributed.

e. **Reuse Categories**. Annual volume of treated wastewater distributed for beneficial use in compliance with California Code of Regulations, Title 22 in each of the use categories listed below:

   i. Agricultural irrigation: pasture or crop irrigation.

   ii. Landscape irrigation: irrigation of parks, greenbelts, and playgrounds; school yards; athletic fields; cemeteries; residential landscaping, common areas; commercial landscaping; industrial landscaping; and freeway, highway, and street landscaping.

   iii. Golf course irrigation: irrigation of golf courses, including water used to maintain aesthetic impoundments within golf courses.

   iv. Commercial application: commercial facilities, business use (such as laundries and office buildings), car washes, retail nurseries, and appurtenant landscaping that is not separately metered.

   v. Industrial application: manufacturing facilities, cooling towers, process water, and appurtenant landscaping that is not separately metered.

   vi. Geothermal energy production: augmentation of geothermal fields.

   vii. Other non-potable uses: including but not limited to dust control, flushing sewers, fire protection, fill stations, snow making, and recreational impoundments.

viii. Groundwater recharge: the planned use of recycled water for replenishment of a groundwater basin or an aquifer that has been designated as a source of water supply for a public water system. Includes surface or subsurface application, except for seawater intrusion barrier use.

ix. Reservoir water augmentation: the planned placement of recycled water into a raw surface water reservoir used as a source of domestic drinking water supply for a public water system, as defined in section 116275 of the Health and Safety Code, or into a constructed system conveying water to such a reservoir (Water Code § 13561).

x. Raw water augmentation: the planned placement of recycled water into a system of pipelines or aqueducts that deliver raw water to a drinking water treatment plant that provides water to a public water system as defined in section 116275 of the Health and Safety Code (Water Code§ 13561).

xi. Other potable uses: both indirect and direct potable reuse other than for groundwater recharge, seawater intrusion barrier, reservoir water augmentation, or raw water augmentation.

ENFORCEMENT

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 $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 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 begin implementation of the above monitoring program starting 1 May 2026. On 1 May 2026 this MRP supersedes MRP 98-230.

I, PATRICK PULUPA, Executive Officer, do hereby certify the foregoing 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 17 April 2026

Ordered by: _____

PATRICK PULUPA, Executive Officer

_____

(Date)

IV. GLOSSARY

BOD_5	Five-day biochemical oxygen demand
$CaCO_3$	Calcium carbonate
DO	Dissolved oxygen
EC	Electrical conductivity at 25° C
FDS	Fixed dissolved solids
TDS	Total dissolved solids
TKN	Total Kjeldahl nitrogen
Continuous	The specified parameter shall be measured and logged by a meter continuously.
Daily	Once per day
Weekly	Once per week
Monthly	Once per month
Annually	Once per year
mg/L	Milligrams per liter
mg/kg	Milligrams per kilogram
mL/L	Milliliters [of solids] per liter
µg/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
gpd	Gallons per day
mgd	Million gallons per day
General Minerals	Analysis shall include; alkalinity (as $CaCO_3$), bicarbonate (as$CaCO_3$), boron, calcium, carbonate (as $CaCO_3$), chloride, arsenic, iron, magnesium, manganese, nitrate as N, phosphate, potassium, sodium, sulfate, and verification that the analysis is complete (i.e., cation/anion balance).