CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM R5-2026-0809
FOR
TEICHERT AGGREGATES
TEICHERT SCHWARZGRUBER AGGREGATE PLANT
YOLO COUNTY

This Monitoring and Reporting Program (MRP) for Teichert Aggregates (referred to herein as the Discharger) is issued pursuant to Water Code section 13267. This MRP establishes monitoring and reporting requirements associated with waste discharges regulated under Waste Discharge Requirements Order (WDRs Order) 86-054. Each of the Findings set forth in the WDRs Order, including those requiring the submittal of reports, are hereby incorporated as part of this MRP.

Teichert Aggregates owns and operates the Teichert Schwarzgruber Aggregate Plant at County Road 96 and Cache Creek, regulated under WDRs Order 86-054. The Discharger also owns the adjacent Woodland Gravel Processing Plant at 35030 County Road 20, Woodland, regulated under WDRs Order 86-052. Aggregate processing is currently conducted at the Woodland Plant, and all aggregate wash water is discharged to the Schwarzgruber site.

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. The measurements may be based on flow meter readings or pump run time estimate. The method of measurement must be specified. Unless otherwise specified, each flow meter shall be equipped with a flow totalizer to allow reporting of cumulative volume as well as instantaneous flow rate. Flow meters shall be calibrated at the frequency recommended by the manufacturer; typically, at least once per year and records of calibration shall be maintained for review upon request.

B. MONITORING AND SAMPLING LOCATIONS

Samples and measurements shall be obtained at the monitoring points specified in this MRP. Central Valley Water Board staff shall approve any proposed changes to sampling locations prior to implementation of the change.

The Discharger shall monitor the following locations to demonstrate compliance with the requirements of this MRP as shown in **Table 1** below.

Table 1 – Monitoring Location Designations

Monitoring Location	Monitoring Location Description
WW-001	Location upstream of the wash water pond(s), representative of wash water flow discharged to the pond(s).
PND-001	Location where a representative sample of the effluent can be collected from the aggregate wash water pond(s).
Well TA-18	Existing groundwater monitoring well at the Schwarzgruber Aggregate Plant, to monitor groundwater conditions in proximity to the discharge area.

C. SAMPLING AND SAMPLE ANALYSIS

All samples and measurements 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 process wastewater, pomace, soil, 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, 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 at the manufacturer's recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of the MRP.

All analyses shall be performed in accordance with the Standard Provisions and Reporting Requirements for Waste Discharge Requirements, 1 March 1991 ed. (1 March 1991 SPRRs)

[https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/std_provisions/wdr-mar1991.pdf].

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 U.S. Environmental Protection Agency (EPA) or the State Water Resources Control Board's Environmental 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 concentrations that implement applicable water quality objectives/limits for the constituents to be analyzed.

II. SPECIFIC MONITORING REQUIREMENTS

A. FLOW MONITORING (WW-001)

1. Wash water discharged to the pond(s) shall be monitored for the following parameters:

Table 2. Aggregate Wash Water Flow Monitoring

Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Total Flow	gallons	Metered or Calculated	Monthly	Annual

B. POND MONITORING

1. Each aggregate wash water pond shall be monitored for the parameters specified in **Table 3**. Freeboard shall be measured vertically from the surface to the lowest elevation of pond edge or berm (or spillway/overflow pipe invert) and shall be measured to the nearest 0.1 feet.

Table 3. Pond Monitoring

Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Berm condition	N/A	Observation	Monthly	Annual
Freeboard	Feet (±0.1)	Estimated Measurement	Monthly	Annual

C. AGGREGATE WASH WATER MONITORING

Aggregate wash water samples shall be collected at the inlet to the aggregate wash water pond(s). At a minimum, the Discharger shall monitor the wastewater as follows:

Table 4. Aggregate Wash Water Monitoring

Parameter/ Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
pH	Std units	Grab	Semi-annual	Annual
EC	µmhos/cm	Grab	Semi-annual	Annual
TDS	mg/L	Grab	Semi-annual	Annual
General Minerals (see Note 1 and 2 below)	mg/L	Grab	Annual	Annual

Table 4 Notes:

1. See the Glossary at the end of this MRP for the definition of General Minerals.
2. 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, in accordance with Resolution R5-2020-0057. (https://www.waterboards.ca.gov/rwqcb5/board_decisions/adopted_orders/resolutions/r5-2020-0057_res.pdf). For all other constituents, samples shall be filtered with a 0.45-micron filter prior to preservation, digestion, and analysis.

D. GROUNDWATER MONITORING

Groundwater monitoring well TA-18 shall be monitored for the following:

Parameter/ Constituent	Units	Sample Type	Monitoring Frequency	Reporting Frequency
pH	Std units	Grab	Annual	Annual
TDS	mg/L	Grab	Annual	Annual
General Minerals (see Note 1 and 2 below)	mg/L	Grab	Annual	Annual

Table 5 Notes:

1. See the Glossary at the end of this MRP for the definition of Dissolved Metals and General Minerals.
2. 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, in accordance with Resolution R5-2020-0057. (https://www.waterboards.ca.gov/rwqcb5/board_decisions/adopted_orders/resolutions/r5-2020-0057_res.pdf) For all other constituents, samples shall be filtered with a 0.45-micron filter prior to preservation, digestion, and analysis.

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. To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any correspondence used to transmit documents to this office:

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 **WDR100034675** 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/electronic_submittal/docs/geotracker_esi_rp_begi nners_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 the following penalty of perjury statement and shall be signed 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:

> *I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

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

Laboratory analysis reports shall be included in the monitoring reports. All laboratory reports must 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 under the direction of persons registered to practice in California pursuant to California Business and Professions Code sections 6735, 7835, and 7835.1.

A. MONITORING REPORT DUE DATES

Monitoring reports are due as described in the table below.

Table 5. Monitoring Report Due Dates

Monitoring Report	Monitoring Period	Report Due Date
Annual	1 January to 31 December	1 February

B. ANNUAL MONITORING REPORT

The annual monitoring report, due by **1st February each year**, shall include the following:

1. Results of the **Flow Monitoring** in tabular format for each month during the calendar year.

2. Results of the **Pond Monitoring** in tabular format for each month during the calendar year.

3. Results of the **Aggregate Wash Water Monitoring** in tabular format during the calendar year.

4. Results of the **Groundwater Monitoring** in tabular format during the calendar year.

5. A summary of any changes in processing that might affect waste characterization and/or discharge flow rates.

6. Copies of the laboratory analytical data reports shall be included in the monitoring reports. All laboratory reports must be retained by the Discharger for a minimum of three years.

7. Additional Reporting

   a. A comparison of monitoring data to the flow limitations; effluent limitations; and discharge specifications and an explanation of any violation of those requirements, the potential for groundwater degradation, and the need for groundwater monitoring (as appropriate).

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

   c. Monitoring equipment maintenance and calibration records, as described in Section C.4 of the 1 March 1991 SPRRs, shall be maintained by the Discharger and provided upon request by the Central Valley Water Board. Calibration records shall verify calibration of all handheld monitoring instruments and devices used to comply with the prescribed monitoring program.

   d. A discussion of the following:

      i. Waste constituent reduction efforts implemented in accordance with any required workplan.

      ii. Other treatment or control measures implemented during the calendar year either voluntarily or pursuant to the WDRs, this MRP, or any other Order.

      iii. Based on monitoring data, an evaluation of the effectiveness of the treatment or control measures implemented to date.

   e. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring network or reporting program.

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 section 13268, 13350, and 13385. The Central Valley Water Board reserves the 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 (State Water Board) to review in accordance the action in accordance with California Water Code section 13320, and California Code of Regulations, title 23, section 2050 et seq. The State Water Board must receive the petition by 5:00 p.m. on the 30th day after the date of this Order, except that 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 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet on the Water Boards Public Notice web page

(http://www.waterboards.ca.gov/public_notices/petitions/water_quality).

The Discharger shall begin implementing the above monitoring program beginning the second Quarter of 2026.

This Order is issued under authority delegated to the Executive Officer by the Central Valley Water Board pursuant to Resolution R5-2018-0057 and is effective upon signature.

Digitally signed by John J. Baum
Date: 2026.05.28 17:18:28 -07'00'

for PATRICK PULUPA, Executive Officer

GLOSSARY

APN	Assessor's Parcel Number
BOD_5	Five-day Biochemical Oxygen Demand
$CaCO_3$	Calcium Carbonate
CIMIS	California Irrigation Management Information System
COD	Chemical oxygen demand
DO	Dissolved Oxygen
EC	Electrical conductivity at 25° C
EPA	Environmental Protection Agency
ELAP	State Water Resources Control Board's Environmental Laboratory Accreditation Program
FDS	Fixed Dissolved Solids
LAA[s]	Land Application Area[s]
MRP	Monitoring and Reporting Program
MW	Monitoring Well
MCL	Maximum Contaminant Level per Title 22
N	Nitrogen
N/A	Not Applicable
TKN	Total Kjeldahl Nitrogen
TDS	Total Dissolved Solids
TOC	Total Organic Carbon
TSS	Total Suspended Solids

Daily, 1/day	Once per day except weekends or holidays
Weekly, 1/Week	Once per week
Bi-Weekly	Once every two weeks
Monthly, 1/Month	Once per month
Quarterly, 1/Quarter	Once per quarter
Semi-annual	Once every six months
Annual, 1/Year	Once per year

gpd	Gallons per day
µg/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter

MG[D]	Million gallons [per day]
MGY	Million gallons per year
lb/ac/day	Pounds per acre per day
lb/ac/yr	Pounds per acre per year

General minerals	Analysis shall include total alkalinity (as $CaCO_3$), bicarbonate (as$CaCO_3$), carbonate (as $CaCO_3$), hardness (as $CaCO_3$), aluminum, arsenic, barium, calcium, chloride, chromium, iron, lead, magnesium, manganese, mercury, nitrate as N, phosphate, potassium, sodium, sulfate, and verification that the analysis is complete (i.e., cation/anion balance).
Resolution R5-2020-0057	Revision to the Amendments to the Water Quality Control Plans for the Sacramento River and San Joaquin River Basins and the Tulare Lake Basin to Incorporate a Central Valley-Wide Salt and Nitrate Control Program, 10 December 2020.