CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM R5-2026-00XX
FOR
BALDWIN CONTRACTING CO., INC. DBA KNIFE RIVER CONSTRUCTION
HALLWOOD PLANT
YUBA COUNTY

This Monitoring and Reporting Program (MRP) for the Hallwood Plant (Facility) is issued pursuant to Wat. Code section 13267. This MRP establishes monitoring and reporting requirements related to the waste discharges regulated under Waste Discharge Requirements (WDR) **R5-2026-XXXX**. Each of the Findings set forth in the WDRs Order, including those pertaining to the need for submission of reports, are hereby incorporated as part of this MRP.

The Baldwin Contracting Co., Inc. dba Knife River Construction owns and operates the Facility. The wastewater discharge is subject to WDRs Order **R5-2026-XXXX**. 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 Wat. Code section 13223.

I. GENERAL MONITORING REQUIREMENTS

A. FLOW MONITORING

Wastewater flow rates shall be measured at the monitoring points specified in this MRP. The Central Valley Water Board Executive Officer shall approve any proposed changes to flow monitoring locations prior to implementation of the change. All flow monitoring systems shall be appropriate for the conveyance system and liquid type. 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. The Central Valley Water Board staff shall approve any proposed changes to sampling locations prior to implementation of the change. The Discharger shall monitor the processing plant and ponds active during the

monitoring period, and three groundwater monitoring wells (HAF-1 to HAF-3; locations are shown on Attachment B in WDRs Order R5-2026-XXXX).

C. SAMPLING AND 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 wastewater 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 and electrical conductivity) 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.

Laboratory analytical procedures shall comply with the methods and holding times specified in the following (as applicable to the medium to be analyzed):

1. Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater (EPA);
2. Test Methods for Evaluating Solid Waste (EPA);
3. Methods for Chemical Analysis of Water and Wastes (EPA);
4. Methods for Determination of Inorganic Substances in Environmental Samples (EPA);
5. Standard Methods for the Examination of Water and Wastewater (APHA/AWWA/WEF); and
6. 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. 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. INFLUENT MONITORING

1. Inflow monitoring shall be measured by recording the amount of water flowing through the plant on a daily basis, which is equivalent to the water usage rate multiplied by the time the plant is in operation. A monthly average will then be computed using the daily flow in each month.

Table 1. Wastewater Flow Monitoring

Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Flow	MGD	Meter or calculated	Daily	Annually

B. EFFLUENT AND POND MONITORING

1. Samples shall be collected from each pond active during the monitoring period. Samples for mercury analysis shall be filtered with a 0.45-micron filter prior to preservation, digestion, and analysis.

2. All ponds active during the monitoring period shall be monitored when water is present for the parameters listed in the table below, with the exception of analytical data for the excavation pond(s), and meet the following conditions below.

    a. Freeboard shall be measured vertically from the water surface to the lowest elevation of pond berms (or spillway/overflow pipe invert) and shall be measured to the nearest 0.10 feet. Alternatively, freeboard shall be based on observational estimates. Samples for analytical analyses shall be collected at a depth of one foot, opposite the inlet. If any pond is dry, the monitoring report shall so state.

Table 2. Wastewater Monitoring for Settling/Recycling Pond(s)

Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
EC	µmhos/cm	Grab	Quarterly	Annually
pH	Std. units	Grab	Quarterly	Annually
Mercury	ng/L	Grab	Annually	Annually

Table 3. Excavation and Settling/Recycling Ponds Monitoring

Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Freeboard	0.1 feet or estimation	Measurement/Observation	Monthly	Annually
Berm Condition	--	Observation	Monthly	Annually

C. GROUNDWATER MONITORING

1. The Discharger shall maintain the groundwater monitoring well network. If a groundwater monitoring well is dry or has insufficient water for sampling for more than four consecutive sampling events or is damaged, the Discharger shall submit to the Central Valley Water Board a workplan and proposed time schedule for its replacement, and the well shall be replaced following approval of the workplan. Alternatively, the Discharger shall submit a report with supporting evidence that a replacement well is not needed.

2. 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.

3. Prior to sampling, depth to groundwater measurements shall be measured in each monitoring well to the nearest 0.01 feet.

4. Groundwater elevations shall be calculated to determine groundwater gradient and flow direction. Groundwater elevation shall be determined based on depth-to-water measurements using a surveyed measuring point elevation on the well and a surveyed reference elevation.

Table 4. Groundwater Monitoring

Constituent/ Parameter	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Depth to Groundwater	0.01 feet	Measurement	Semi-Annually (once between Oct-Apr and once between May-Sep)	Annually
Groundwater Elevation	feet	Calculated	Annually	Annually
Gradient	feet/feet	Calculated	Annually	Annually

Constituent/ Parameter	Units	Type of Sample	Sampling Frequency	Reporting Frequency
Gradient Direction	degrees	Calculated	Annually	Annually
EC	µmhos/cm	Grab	Annually	Annually
Mercury (dissolved)	µg/L	Grab	Annually	Annually

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 **WDR100027135** 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_beginner 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 the WDRs and 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 and shall be signed by the Discharger or the Discharger's authorized agent.

> *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., effluent, pond, 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 to the Central Valley Water Board.

Contract laboratory analysis reports shall be included in the monitoring reports. All laboratory reports must be retained for a minimum of three years in accordance with Section C.3 of the 1 March 1991 SPRRs. For a Discharger conducting any of its own analyses, reports must also include a letter signed by the chief of the laboratory that certifies the results completed by the Discharger's laboratory.

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 Business and Professions Code sections 6735, 7835, and 7835.1.

In addition to submitting reports to GeoTracker, once you receive an upload confirmation for GeoTracker that your report has been received, please send a courtesy email and confirmation number to

centralvalleysacramento@waterboards.ca.gov and to the staff person indicated below.

The following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Attention:	Catherine Wesoloski, Compliance and Enforcement Unit catherine.wesoloski@waterboards.ca.gov (916) 464-4708
Discharger:	Baldwin Contracting Co. Inc., dba Knife River Construction
Facility:	Hallwood Plant
County:	Yuba
CIWQS ID:	229529

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 Report	1 January to 31 December	1 February

C. ANNUAL MONITORING REPORT

The annual monitoring report shall include the following:

1. A scale map that identified all ponds with identifiers to allow determination of the activity status of the pond.

2. Results of flow monitoring and a comparison to the flow limit required by WDRs Order R5-2026-XXXX.

3. Results of all settling/recycling pond and excavation pond monitoring (Tables 2 and 3).

4. A comparison of the pond monitoring data to discharge specifications, provisions, and limitations and an explanation of any violations.

5. Groundwater Monitoring

a. Calculation of groundwater elevations, an assessment of groundwater flow direction and gradient on the date of measurement, comparison of previous flow direction and gradient data, and discussion of seasonal trends if any.

b. A narrative discussion of the analytical results for all groundwater locations monitored including spatial and temporal trends, with reference to summary data tables, graphs, and appended analytical reports (as applicable).

c. A scaled map showing relevant structures and features of the Facility, the locations of monitoring wells and any other sampling stations, and groundwater elevation contours referenced to an appropriate datum (e.g., NGVD29).

d. Summary data tables of historical and current water table elevations and analytical results.

e. An evaluation of the groundwater quality beneath the site and determination of compliance with the Groundwater Limitations.

6. A calibration log of all hand-held monitoring instruments and devices used to comply with the prescribed monitoring program.

7. Copies of the laboratory analytical reports.

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 $1,000 per violation, per day, depending on the violation, pursuant to the Wat. Code, including sections 13268. The Central Valley Water Board reserves the 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 Wat. 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; 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 pm 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 webpage. (http://www.waterboards.ca.gov/public_notices/petitions/water_quality).

I, PATRICK PULUPA, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of the Monitoring and Reporting Program adopted by the California Regional Water Quality Control Board, Central Valley Region on XX December 2026.

PATRICK PULUPA, Executive Officer

GLOSSARY

Discharger	Baldwin Construction Company, Inc., dba Knife River Construction
EC	Electrical Conductivity at 25° C
EPA	U.S. Environmental Protection Agency
ELAP	State Water Resources Control Board's Environmental Laboratory Accreditation Program
MDL	Method Detection Limit
MRP	Monitoring and Reporting Program
MW	Monitoring Well
MCL	Maximum Contaminant Level per Title 22
NGVD29	National Geodetic Vertical Datum of 1929
PQL	Practical Quantitation Limit
RL	Reporting Limit
SPRRs	Standard Provisions and Reporting Requirements
Wat. Code	Water Code
WDRs Order	Waste Discharge Requirements Order R5-2026-XXXX