

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM ORDER NO. R5-2022-0809

FOR

J.R. SIMPLOT COMPANY  
LATHROP FACILITY WASTEWATER INFILTRATION POND  
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) for the J.R. Simplot Company (Discharger) is issued pursuant to Water Code section 13267. A glossary of terms used in this MRP is included on the last page. The facility location is shown on Attachment A.

**LEGAL AUTHORITY**

Water Code section 13267 states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Water Code section 13268 states, in part:

“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).

(b)(1) Civil liability may be administratively imposed by a regional board in accordance with article 2.5 (commencing with section 13323) of chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”

## REQUIREMENTS

Pursuant to Water Code section 13267, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date, location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished. 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. All analyses shall be performed in accordance with the *Standard Provisions and Reporting Requirements for Waste Discharge Requirements*, 1 March 1991 ed. (SPRRs). 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.
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); Standard Methods for the Examination of Water and Wastewater (APHA/AWWA/WEF).
5. 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 or the State Water Resources Control Board's Environmental

Laboratory Accreditation Program. 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.

### Flow Monitoring

Wastewater flows shall be measured at the four flow meter locations shown on Attachment B.

**Table 1. Influent Monitoring**

Flow Source	Units	Sample Type	Sampling Frequency	Reporting Frequency
F1 F3 F4 F5	Gallons	Meter	Daily (total daily flow)	Quarterly

### Wastewater Infiltration Pond Monitoring

Sampling and monitoring shall be conducted from permanent locations that will provide reasonable samples and observations of the pond. 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. Samples shall be collected at a depth of one foot, opposite the inlet. If the pond is dry, the monitoring report shall so state. Records shall be maintained for any steps taken to reduce objectionable odors and other nuisance conditions, should they exist. Pond monitoring shall include, at a minimum, the following:

**Table 2. Infiltration Pond Monitoring**

Constituent/ Parameter	Units	Sample Type	Monitoring Frequency	Reporting Frequency
Presence/Absence of Water	--	Observation	Weekly	Quarterly
Freeboard	0.1 feet	Measurement	Weekly	Quarterly
Odors	--	Observation	Weekly	Quarterly
Berm Condition	--	Observation	Weekly	Quarterly
Dissolved Oxygen (see note 1 below)	mg/L	Grab	Monthly	Quarterly
pH (see note 1)	pH units	Grab	Monthly	Quarterly

Note 1 = pH and DO monitoring are only required for the wastewater infiltration pond when wastewater is present.

### Wastewater Effluent Monitoring

Wastewater samples shall be collected from the twelve sample locations shown on Attachment B and shall be considered representative of wastewater quality for each of the waste streams discharging into the wastewater infiltration pond. At a minimum, standard mineral analysis will include dissolved iron, dissolved manganese, dissolved arsenic, total alkalinity (including alkalinity series), hardness, chloride, calcium, potassium, and sodium.

Sampling at locations S-WHSE 7 and S-WHSE 1 only required during rain events (one sample per month during a rain event).

**Table 3. Effluent Monitoring**

Sample Locations	Constituents	Units	Sample Type	Sample Frequency	Reporting Frequency
S1	Electrical Conductivity	µmhos/cm	Grab	Monthly	Quarterly
	BOD <sub>5</sub>	mg/L	Grab	Monthly	Quarterly
S2	FDS	mg/L	Grab	Monthly	Quarterly
	TDS	mg/L	Grab	Monthly	Quarterly
S3	TSS	mg/L	Grab	Monthly	Quarterly
S4	Ammonia as Nitrogen	mg/L	Grab	Monthly	Quarterly
S5	TKN	mg/L	Grab	Monthly	Quarterly
S6-East	Nitrate as Nitrogen	mg/L	Grab	Monthly	Quarterly
S6-West	Sulfate	mg/L	Grab	Monthly	Quarterly
S6-Cogen	Phosphate	mg/L	Grab	Monthly	Quarterly
S7	Total Coliform (Note 1)	MPN/100 mL	Grab	Monthly	Quarterly
S8					
S-WHSE 1	EDB (Note 2)	µg/L	Grab	Quarterly	Quarterly
S-WHSE 7	DBCP (Note 2)	µg/L	Grab	Quarterly	Quarterly
	1,2,3-TCP (Note 2)	µg/L	Grab	Quarterly	Quarterly
	Sulfolane (Note 2)	µg/L	Grab	Quarterly	Quarterly
	Standard Minerals	mg/L	Grab	Quarterly	Quarterly

**Table Notes**

Note 1: Total coliform analysis is only required at sample locations S1 and S2.

Note 2: If after four consecutive samples events concentrations are not-detected, analysis for that specific constituent is no longer required.

### **Solids Monitoring**

The volume of pond sediments shall be reported when sediments are removed to maintain adequate capacity in the pond. The information shall include the disposal method (i.e., landfill), the volume amount disposed (tons), and the name of the hauling company. The documented information shall be included in the associated quarterly monitoring report.

### **Reporting**

All regulatory documents, submissions, materials, data, monitoring reports, and correspondence should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to [centralvalleysacramento@waterboards.ca.gov](mailto:centralvalleysacramento@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  
ECM Mailroom  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, California 95670

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:

Attention: Non-15 Compliance and Enforcement Section  
J.R. Simplot Company  
San Joaquin County  
CIWQS Place ID: 236656

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 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.

### **A. Quarterly Monitoring Reports**

Daily, weekly, monthly, and quarterly monitoring data shall be reported in the quarterly monitoring report. Quarterly reports shall be submitted to the Central Valley Water

Board on the **1st day of the second month following the quarter** (i.e. the January - March quarterly report is due by 1 May). At a minimum, the report shall include:

1. Results of flow monitoring in tabular format for each month during the reported quarter, including calculated values for the total flow and average daily flow for each month and total annual flow to date.
2. Results of wastewater infiltration pond monitoring.
3. Results of effluent monitoring in tabular format for each month during the reported quarter.
4. Results of pond sludge/sediment disposal.
5. A calibration log verifying calibration of all handheld monitoring instruments and devices used to comply with the prescribed monitoring program.
6. Copies of the laboratory analytical data reports shall be maintained by the Discharger and submitted to the Central Valley Water Board.

Laboratory analysis reports shall be included in the monitoring reports. For a Discharger conducting any of its own analyses, reports must also be signed and certified by the chief of the laboratory.

In addition to the requirements of Standard Provision C.3, 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.

As required by the California Business and Professions Code Sections 6735, 7835, and 7835.1, all groundwater monitoring reports shall be prepared under the direct supervision of a registered professional engineer or geologist and signed by the registered professional.

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A letter transmitting the self-monitoring reports shall accompany each report. The letter shall include a discussion of any deviations from this MRP and actions taken or planned for correcting the deviation. The transmittal letter shall contain the penalty of perjury statement by the submitting Discharger, or its authorized agent, as described in the Section B.3 of the SPRRs (General Reporting Requirements).

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.

Ordered by: \_\_\_\_\_  
for PATRICK PULUPA, Executive Officer

## Glossary

BOD <sub>5</sub>	Five-day biochemical oxygen demand
DBCP	1,2-Dibromo-3-chloropropane
EC	Electrical conductivity at 25° C
EDB	Ethylene dibromide
FDS	Fixed dissolved solids
gpd	Gallons per day
MDL	Method detection limit
mgd	Million gallons per day
mg/L	milligrams per liter
MPN	Most probably number
MRP	Monitoring and Reporting Program
PQL	Practical quantitation limit
RL	Reporting limit
SPRR	Standard Provisions and Reporting Requirements
TDS	Total dissolved solids
TKN	Total Kjeldahl nitrogen
TSS	Total Suspended Solids
µg/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
Daily	Every day except weekends or holidays
Weekly	Once per week
Monthly	Once per calendar month
Quarterly	Once per calendar quarter
Annually	Once per year





**Legend**

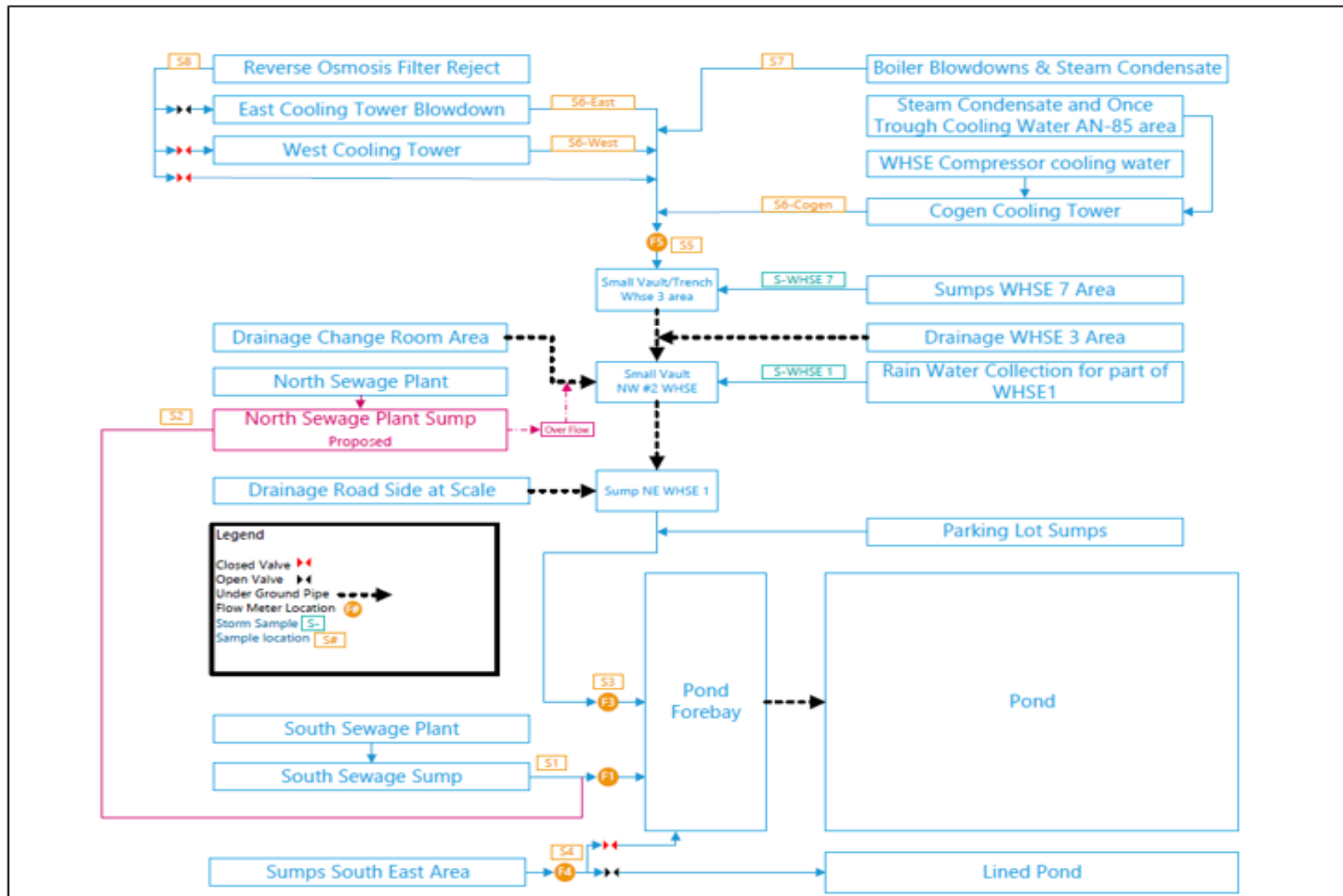
- Site Boundary
- Class II Surface Impoundments
- ⊕ Shallow Groundwater Monitoring Well  
(Regulated under WDRs Order No. R5-2019-0010)

Note: All site feature locations are approximately located.



**SITE FEATURES MAP**

J.R. Simplot Company  
San Joaquin County



NOTES:

Figure provided by J.R. Simplot Company

**WASTEWATER FLOW SCHEMATIC**

J.R. SIMPLOT COMPANY

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