

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

REVISED MONITORING AND REPORTING PROGRAM WQ 2016-0068-DDW-R5007  
FOR  
CITY OF LODI  
WHITE SLOUGH WATER POLLUTION CONTROL FACILITY  
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a recycled water system. This MRP is issued pursuant to Water Code section 13267. The Recycled Water System Administrator, the City of Lodi (Discharger) shall not implement any changes to this MRP unless and until a revised MRP is issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board), or Executive Officer.

The Discharger has applied for and received coverage for the recycled water system that is subject to the Notice of Applicability (NOA) of Water Quality Order WQ 2016-0068-DDW (General Order). The monitoring and reporting described herein is necessary to ensure that the Discharger complies with the NOA and General Order. Pursuant to California Water Code section 13267, the Administrator shall implement this MRP and shall submit the monitoring reports described herein.

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.”

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. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Central Valley Water Board staff.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that they are used by a California Environmental Laboratory Program certified laboratory or:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced by the manufacturer or authorized representative at the recommended frequency; and
4. Field calibration reports are maintained and available for at least three years.

Analytical procedures shall comply with the methods and holding times specified in the following: 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), and Standard Methods for the Examination of Water and Wastewater (APHA/AWWA/WEF). Approved editions shall be those that are approved for use by the United States Environmental Protection Agency or the California Department of Public Health’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 the applicable water quality objectives for the constituents to be analyzed.

Monitoring requirements listed below may duplicate existing requirements under other orders including waste discharge requirements (WDRs) or waivers of WDRs that regulate agricultural discharges from irrigated lands. Duplication of sampling and monitoring activities are not required if the monitoring activity satisfies the requirements of the General Order. Collecting composite samples is acceptable in most cases. The facility may continue using existing sampling collection equipment that is consistent with the applicable facility order. However, due to short sample holding times, bacteriological samples collected to verify disinfection effectiveness must be grab

samples. In addition to submitting the results under another order, the results shall be submitted in the reports required by this General Order.

## MONITORING REQUIREMENTS

### DISINFECTION SYSTEM MONITORING

Samples shall be collected immediately downstream of the disinfection system and analyzed by an approved laboratory per Title 22, section 60321(a). When monitoring requirements listed in this MRP duplicate existing requirements under other WDRs or waivers, duplication of sampling and monitoring is not required if the monitoring activity satisfies the requirements of the General Order and this MRP. The results of such monitoring shall also be included as part of the annual report required by this MRP. Disinfection monitoring shall include the following:

**Table 1. Disinfection System Monitoring**

Constituent / Parameter	Units	Sample Type	Sample Frequency	Reporting Frequency
Total Coliform Organisms	MPN/100 mL	Grab	Daily	Annually
Turbidity	NTU	Meter	Continuous	Annually

Table Note 1: MPN/100 mL denotes most probably number per 100 mL sample. NTU denotes nephelometric turbidity unit.

Table Note 2: Daily monitoring shall occur on days that recycled water is being supplied to the NCPA and/or VCD.

### USE AREA MONITORING

The Administrator shall monitor use areas(s) at a frequency appropriate to determine compliance with this General Order and the Administrator's recycled water use program requirements. The Administrator may assign monitoring responsibilities to a user as part of the Water Recycling Use Permit program; the Administrator retains responsibility to ensure the data is collected, as well as prepare and submit the annual report.

The following shall be recorded for each user with additional reporting for use areas as appropriate. The frequency of use area inspections shall be based on the complexity and risk of each use area. Use area monitoring shall include the following parameters:

**Table 2. Use Area Monitoring**

Parameter	Units	Sample Type	Sample Frequency	Reporting Frequency
Recycled Water User	--	--	--	Annually
Recycled Water Flow	gallons per day	meter	Daily	Annually

Parameter	Units	Sample Type	Sample Frequency	Reporting Frequency
Nuisance odors/ presence of vectors	--	observation	Quarterly	Annually
Discharge off-site	--	observation	Quarterly	Annually
Notification signage	--	observation	Quarterly	Annually

## REPORTING REQUIREMENTS

In reporting monitoring data, the Administrator shall arrange the data in tabular form so that the date, data type (e.g., flow rate, bacteriological, etc.), and reported analytical or visual inspection results are readily discernible. The data shall be summarized to illustrate compliance with the General Order and NOA 2016-0068-DDW-R5XXX 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 regularly scheduled monitoring report and shall be included in calculations as appropriate.

### Annual Report

Annual Reports shall be submitted to the Central Valley Water Board by **1 April** following the monitoring year. The Annual Report shall include the following:

1. A summary table of all recycled water users and use areas. Maps may be included to identify use areas. Newly permitted recycled water users and use areas shall be identified. When applicable, supplement to the Title 22 Engineering Report and a State Water Resources Control Board approval letter supporting those additions shall be included.
2. A summary table of all inspections and enforcement activities initiated by the Administrator. Include a discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA and/or General Order. Copies of documentation of any enforcement actions taken by the Administrator shall be provided.
3. An evaluation of the performance of the recycled water treatment facility, including discussion of capacity issues, system problems, and a forecast of the flows anticipated in the next year.
4. Tabular and graphical summaries of all monitoring data collected during the year
5. The name and contact information for the recycled water operator responsible for operation, maintenance, and system monitoring.

A letter transmitting the annual report shall accompany each report. The letter shall summarize the numbers and severity of violations found during the reporting period, and

actions taken or planned to correct the violations and prevent future violations. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Administrator or the Administrator'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."

The Administrator shall implement the above monitoring program, effective upon rescission of WDRs R5-2007-0113-01.

### **State Water Board Volumetric Annual Reporting**

Per State Water Resources Control Board's Water Quality Control Policy ([https://www.waterboards.ca.gov/water\\_issues/programs/water\\_recycling\\_policy/](https://www.waterboards.ca.gov/water_issues/programs/water_recycling_policy/)), 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. Recycled Water Policy Annual Reports are described in the Discharger's WDRs permit.

### **Document Submittals**

All regulatory documents, submissions, materials, data, monitoring reports, and correspondence should be converted to a searchable Portable Document Format (PDF) and submitted electronically to the State Water Board's [Geotracker database](https://geotracker.waterboards.ca.gov) (<https://geotracker.waterboards.ca.gov>). Confirmation of Geotracker upload is to be emailed to: [centralvalleysacramento@waterboards.ca.gov](mailto:centralvalleysacramento@waterboards.ca.gov).

To ensure that your submittals are routed to the appropriate staff, the following information block should be included in the body of an email or any documentation submitted to the mailing address for this office:

Program: Non-15 Compliance  
Facility Name: White Slough WPCF  
Order: WQ 2016-0068-DDW-R5007  
County: San Joaquin County  
Place ID: 272444

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.

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for Patrick Pulupa, Executive Officer