
Central Valley Regional Water Quality Control Board

29 December 2015

Jeff Gardner, City Manager
City of Plymouth
9426 Main Street
Plymouth, CA 95669

CERTIFIED MAIL
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NOTICE OF APPLICABILITY
WAIVER OF REPORTS OF WASTE DISCHARGE AND WASTE DISCHARGE
REQUIREMENTS FOR SPECIFIC TYPES OF DISCHARGES WITHIN THE
CENTRAL VALLEY REGION, RESOLUTION R5-2013-0145
CITY OF PLYMOUTH
WASTE DISCHARGE AREA GRADING, PIPING AND SPRAY FIELD
IMPROVEMENTS PROJECT
AMADOR COUNTY

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff reviewed the 4 November 2015 Report of Waste Discharge (RWD) submitted by the City of Plymouth for regulatory coverage under the *Waiver of Reports of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge within the Central Valley Region*, Resolution R5-2013-0145 (Waiver). The Waiver, which was adopted by the Central Valley Water Board on 5 December 2013, is a conditional waiver of waste discharge requirements for specific types of discharges to land that pose a low threat to groundwater quality.

The RWD contains the information required and the discharge as described in the RWD qualifies for coverage under Category 11 of the Waiver. You are hereby assigned R5-2013-0145-0049 for the discharge. Please include this number on all correspondence related to this discharge.

REGULATORY BACKGROUND

The City of Plymouth (City) owns and operates the Plymouth Wastewater Treatment Facility (WWTF) located on Old Sacramento Road in Amador County. Waste Discharge Requirements (WDRs) R5-2011-0092 adopted by the Central Valley Water Board on 1 December 2011, prescribes requirements for the land discharge of disinfected secondary-23 effluent at the Plymouth WWTF. Wastewater is applied to an approximate 85-acre waste discharge area, divided into six separate fields. Year-round application of wastewater is allowed on Fields 2, 3 and 6, which have earthen berms to prevent tailwater and storm water runoff from entering surface water courses. The application of wastewater to Fields 1, 4 and 5, which do not have berms, is limited to the period of 1 April to 1 November.

DISCHARGE DESCRIPTION

The construction of the Waste Discharge Area Grading, Piping and Spray Field Improvements Project (WDA Improvements Project) at the City's Plymouth WWTF is currently underway. The project consists of the following:

- Configuration of the existing spray fields and modifications to pumps, treatment, spray field distribution piping and spray field equipment to improve treatment and disposal operations and minimize the potential for treated effluent runoff.
- Installation of a new potable water well.
- Construction of an employee restroom at the treatment plant site and at the waste discharge area (funding dependent).
- Installation of security fencing.
- Replacement of existing treated effluent pipeline from the wastewater treatment plant to the Effluent Storage Reservoir.

To minimize demand on the potable water supply, the City proposes to use recycled water for construction purposes at the WDA Improvements Project, such as dust control, soil moisture conditioning for compaction, and pipeline testing. The City will supply recycled water for construction purposes through a temporary truck fill station located at or near the City's WWTF Effluent Storage Reservoir. Permitted water trucks will be filled at the temporary truck fill station. The truck fill station will be designed and operated such that any overflow or spill from filling operations will be sent back to the WWTF for treatment. Treated effluent used for pipeline testing purposes will also be conveyed back to the WWTF for treatment.

The City will administer Treated Effluent Use Permits to contractors for obtaining treated effluent from the temporary truck filling station. Obtaining a use permit requires completing a Use Permit Application and receiving on-site orientation/training on using the filling station and the proper handling and use of recycled water. The City will issue a Treated Effluent Use Permit and require contractors to place treated effluent signs on the water trucks that will be transporting and distributing recycled water.

On 15 October 2015, KASL Consulting Engineers on behalf of the City submitted a request to the State Water Resources Control Board Division of Drinking Water (DDW), to allow the use of recycled water for construction purposes. In a letter dated 2 November 2015, DDW approved the City's proposed use provided that the following conditions are met:

1. The use of recycled water shall conform to the requirements of WDRs Order R5-2011-0092.
2. The City shall obtain a conditional waiver from the RWQCB with appropriate conditions for the use of recycled water from the City of Plymouth.
3. The use of recycled water shall conform with the requirements set forth in DDW's, "Guidelines for the Use of Reclaimed Water for Construction Purposes."
4. The use of recycled water shall conform to the requirements included in the documents, "Water Truck Program Guidelines" and "Treated Effluent Truck Program Use Permit," prepared by KASL in support of the request for approval of the use of recycled water for the construction project located at the City of Plymouth's Waste Discharge Area.

5. The recycled water shall be obtained from the City of Plymouth's Wastewater Treatment Facility, and shall be at least disinfected secondary-23 recycled water.
6. The proposed use of recycled water shall be overseen and verified by the City, as the discharger, and the RWQCB, as the regulatory and enforcement agency.
7. Use site must be approved by the Regional Water Quality Control Board and the State and local health departments.
8. Tanks, trucks and other equipment which contain or come in contact with reclaimed water should be clearly identified with warning signs.
9. Tank trucks used for reclaimed water should be thoroughly cleaned of septage or other contaminants prior to use.
10. Use of reclaimed water should not create any odor or other nuisance.
11. Tank trucks should be cleaned and disinfected after the project is completed.
12. Tank trucks used to transport reclaimed water shall not be used to carry domestic water.
13. No recycled water shall be applied within 100 feet of any water supply well.
14. Any runoff shall be confined to the recycled water use area. Recycled water shall be managed so as to prevent ponding and conditions conducive to the proliferation of mosquitoes and other disease vectors, and to avoid creation of a public health hazard.
15. Spray, mist, or runoff resulting from the use of recycled water at the project site shall be prevented from entering dwelling, designated outdoor eating areas, or food handling facilities in proximity of the intended recycled water application area.
16. Personnel involved in transporting or using recycled water shall be informed of possible health hazards that may result from contact and use of recycled water. Supervisors must be appointed for the recycled water use areas and their staff must be trained on the hazards of working with recycled water and periodically retrained. The Site Supervisor shall be responsible for all site supervision issues, including responsibilities for most inspections, enforcement of rules, employee health and safety, and implementation and enforcement of the cross connection control program application to the use area.

GENERAL INFORMATION AND REQUIREMENTS

The City shall comply with the requirements of Order R5-2013-0145 and the State Water Resources Control Board Division of Drinking Water's (DDW) conditions of approval. A copy of the Order is enclosed. You can also find the Order on the Central Valley Regional Board's website at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/#waivers

Please familiarize yourself with the contents of the Order. The use of recycled water for construction purposes must be operated in accordance with the requirements contained in the Order, Title 22 and with the information submitted in the RWD. Failure to comply with these requirements may result in enforcement action pursuant to California Water Code, Section 13261, which can include imposition of civil liability (a fine). The City must maintain control over the use of recycled water and operate in accordance with the information provided in the RWD and this Notice of Applicability.

Please review this Notice of Applicability carefully to ensure that it completely and accurately reflects the facility name, location, and discharge. Failure to comply with the requirements of the Order may result in enforcement action as authorized by provisions of the California Water Code, which could include civil liability. Discharge of wastes not described in the RWD is prohibited. If the method of waste disposal changes from that described in your application, you must submit an updated RWD to describe the new operation.

Please note that the Order will expire on **6 December 2018**, after which you must do one of the following:

1. Submit a new application with a filing fee to obtain coverage under a subsequently adopted waiver; or
2. Submit an application with a filing fee to apply for individual or general Waste Discharge Requirements, or
3. Cease the discharge.

WDRs Order R5-2011-0092 contains a Monitoring and Reporting Program (MRP). Please expand on the information provided in the monitoring report to include a discussion of the volume of recycled water used for construction purposes. A Revised MRP is included with this NOA.

DOCUMENT SUBMITTALS

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

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

Facility Name: City of Plymouth Waste Discharge Area, Amador County		
Program: Non-15 Compliance	Order: R5-2013-0145-0049	CIWQS Place ID: 248753

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. All compliance and enforcement questions should be directed to Mr. Kenny Croyle, with the Compliance and Enforcement Section, at (916) 464-4676 or at Kenny.Croyle@waterboards.ca.gov. All technical reports and monitoring reports should be submitted to Mr. Croyle by the compliance due date.

- Original signed by Andrew Altevogt for -

PAMELA C. CREEDON
Executive Officer

Encl: Waiver of Reports of Waste Discharge and Waste Discharge Requirements for Specific
Types of Discharge within the Central Valley Region, Resolution R5-2013-0145
Revised Monitoring and Reporting Program R5-2011-0092 REV1

Cc: Mike Israel, Amador County Environmental Health Department, Jackson
John Scroggs, KASL Consulting Engineers, Citrus Heights
Nick Njirich, Sierra Mountain Construction Inc., Sonora