

Central Valley Regional Water Quality Control Board

8 July 2014

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Calaveras County Water District
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NOTICE OF APPLICABILITY
WAIVER OF REPORTS OF WASTE DISCHARGE AND WASTE DISCHARGE
REQUIREMENTS FOR SPECIFIC TYPES OF DISCHARGE WITHIN THE CENTRAL VALLEY
REGION (RESOLUTION R5-2013-0145)
CALAVERAS COUNTY WATER DISTRICT LA CONTENTA, COPPER COVE AND FOREST
MEADOWS WASTEWATER TREATMENT FACILITIES
CALAVERAS COUNTY

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff reviewed the 16 June 2014 Report of Waste Discharge (RWD) submitted by Calaveras County Water District (CCWD) 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, Order R5-2013-0145* (Order). The Order, 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.

REGULATORY BACKGROUND

CCWD proposed to use disinfected tertiary recycled water from following three facilities for construction purposes: La Contenta Wastewater Treatment Facility, Copper Cove Wastewater Reclamation Facility, and Forest Meadows Wastewater Reclamation Facility. These facilities are owned and operated by CCWD, and regulated under following permits: WDRs Order R5-2013-0133 for La Contenta Wastewater Treatment Facility, NPDES Order R5-2013-0072 for Copper Cove Wastewater Reclamation Facility, and NPDES Order R5-2014-0011 for Forest Meadows Wastewater Reclamation Facility. The three permits implement the reclamation criteria of the Title 22 disinfected tertiary recycled water for uses identified in Title 22, California Code of Regulations, Section 60301, et seq. (Title 22).

DISCHARGE DESCRIPTION

To minimize demand on the potable water supply during the current drought, CCWD proposes to use recycled water for construction purposes, such as dust control and soil processing. CCWD will supply recycled water for construction purposes through the specific recycled water filing stations. CCWD will administer use permits to prospective users similarly to the current process of issuing permits for obtaining water from the potable water system. The use permit will

have three sections: the permit application, the requirements for recycled water use, and a log of recycled water use. The use permit has four primary goals outlined as follows:

- Educate permitted users on the requirements of using recycled water for construction purposes, which include worker and public safety, prohibiting use of equipment and street wash down, and preventing runoff from the construction site.
- Specify the recycled water filling station that a permitted user is allowed to use. The user will not be allowed to acquire recycled water at multiple locations.
- Collect a use fee and require the permitted user to provide documentation of license plate numbers of transport vehicles.
- Require the permitted users to log the use location and the volume of recycled water used. The logs are required to be submitted to CCWD on a monthly basis.

On 16 June 2014, CCWD submitted a request to the California Department of Public Health (CDPH) to allow the use of recycled water for construction purposes. In a letter dated 23 June 2014, CDPH approved CCWD's proposed use provided that the following conditions are met:

1. The use of recycled water shall conform to the requirements of WDRs Order R5-2013-0133 for La Contenta Wastewater Treatment Facility, NPDES Order R5-2013-0072 for Copper Cove Wastewater Reclamation Facility, and NPDES Order R5-2014-0011 for Forest Meadows Wastewater Reclamation Facility.
2. The use of recycled water shall conform to the requirements set forth in the Department of Public Health's "Guidelines for the Use of Reclaimed Water for Construction Purposed."
3. The use of recycled water shall be overseen and verified by CCWD and Central Valley Water Board.
4. Use sites must be approved by the Central Valley Water Board and State and local health departments.
5. Tank trucks and other equipment which contain or come in contact with recycled water shall be clearly identified with warning signs.
6. Tank trucks used for recycled water shall be thoroughly cleaned of septage or other contaminants prior to use and shall be cleaned and disinfected after the project is completed.
7. Tank trucks used to transport recycled water shall not be used to carry domestic water.
8. Use of recycled water shall not create any odor or other nuisance.
9. No recycled water shall be applied within 100 feet of any water supply well.
10. 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.
11. Spray, mist, or runoff resulting from the use of recycled water at the project site shall be prevented from entering dwellings, designated outdoor eating areas, or food handling facilities in proximity to the intended recycled water application area.

12. 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 applicable to the use area.

Based on the information submitted, the discharge as described in the RWD satisfies the general and specific conditions Order R5-2013-0145. This Notice of Applicability hereby requires CCWD to implement the conditions described in the CDPH's 23 June 2014 letter prior to issuing any recycled water use permits. You are hereby assigned Order R5-2013-0145-0036.

GENERAL INFORMATION AND REQUIREMENTS

CCWD shall comply with the requirements of Order R5-2013-0145 and CDPH's 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). CCWD 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 R5-2013-0133, NPDES Order R5-2013-0072, and NPDES Order R5-2014-0011 contain Monitoring and Reporting Programs. Please expand on the information provided in

these monitoring reports to include a discussion of the volume of recycled water used for construction purposes.

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Mary Boyd is your new point of contact for any questions about the Orders. In addition, all monitoring and technical reports should be submitted to Ms. Boyd. If you find it necessary to make a change to your permitted operations, Mary will direct you to the appropriate Permitting staff. You may contact Mary at (916) 464-4676 or at mboyd@waterboards.ca.gov.

Original signed by Andrew Altevogt for

PAMELA C. CREEDON
Executive Officer

Enclosure: Waiver of Reports of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge within the Central Valley Region, Order R5-2013-0145

cc: Brian Moss, Calaveras County Environmental Health Department, San Andreas
Bhupinder Sahota, Department of Public Health, Southern California Branch, Stockton