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California Regional Water Quality Control Board Central Valley Region

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28 September 2010

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NOTICE OF APPLICABILITY

RESOLUTION NO. R5-2008-0182, APPROVING WAIVER OF REPORTS OF WASTE DISCHARGE AND WASTE DISCHARGE REQUIREMENTS FOR SPECIFIC TYPES OF DISCHARGE WITHIN THE CENTRAL VALLEY REGION, MILLERTON NEW TOWN, BONADELLE RECYCLED WATER PROJECT, FRESNO COUNTY

John Bonadelle, with JPJ, Inc., submitted an application, dated 20 July 2010, for coverage under Resolution No. R5-2008-0182, *Approving Waiver of Report of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge within the Central Valley Region* (hereafter General Waiver). The application is for use of recycled water for construction purposes and included a Form 200, application fee, Title 22 Engineering Report, and an approval letter from the California Department of Public Health (CDPH) stating that the project as proposed meets Title 22 requirements for use of recycled water.

Based on the information provided in the application, the discharge meets the conditions of the General Waiver. You are hereby covered under Resolution R5-2008-0182-0001, Waste Discharge Identification System 5B10NC00012. The General Waiver expires on 4 December 2013, at which time you will be required to submit a new application in order to renew coverage.

LOCATION

Millerton New Town is a planned community in northern Fresno County approximately 10 miles north of the City of Fresno along Millerton Road. Construction activities, which are planned to make use of recycled water, include Tract 4870, a new housing development within Millerton New Town southeast of Millerton Road and Marina Drive.

The *Water Quality Control Plan for the Sacramento River and San Joaquin River*, Fourth Edition, revised September 2009 (hereafter Basin Plan), designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve water quality objectives for all waters of the Basin.

California Environmental Protection Agency

PROJECT DESCRIPTION

The proposed recycled water use project involves the reuse of secondary treated wastewater from the effluent storage ponds at the Brighton Crest Wastewater Treatment Facility (WWTF). The Brighton Crest WWTF is owned and operated by Fresno County Service Area No. 34 (hereafter producer), which serves the adjacent Brighton Crest Development and golf course facilities. JPJ, Inc., and their general contractor will be the official users of recycled water and will be responsible for disinfection and distribution of recycled water to the various construction sites within the development. As part of the construction, recycled water will be used for dust suppression and soil compaction within Tract 4870 and adjacent areas within Millerton New Town. In accordance with Title 22 requirements, recycled water will not be utilized for compaction of potable or raw water transmission lines.

Secondary treated wastewater will be taken from the effluent storage pond and disinfected using sodium hypochlorite and transferred into two aboveground chlorine contact tanks, which will provide a minimum of 15 minutes detention time. To comply with Title 22 requirements samples will be analyzed for total coliform organisms on a daily basis, when recycled water will be used. Samples will be collected as the effluent leaves the chlorine contact tank and is transferred to the construction water tank. In addition, a chlorine residual analyzer will be placed between the chlorine contact tank and the construction water tank to monitor the effluent. The analyzer will be set to shut down the transfer pump if the chlorine residual drops below 1.0 mg/L.

FACILITY-SPECIFIC REQUIREMENTS

1. Discharge of wastewater at a location or in a manner different from that described in the Title 22 Engineering Report is prohibited.
2. Recycled water will be applied at a rate that will not result in surface runoff or ponding.
3. Recycled water will not be applied within 1,000 feet of any occupied residence or water supply well.
4. Warning signs will be posted in use areas with the statement RECYCLED WATER – DO NOT DRINK and an international symbol signifying that the water is not used for drinking.
5. The area around the transfer tanks and use areas will be visually inspected on a daily basis for leaks and/or ponding. In addition, all workers who could or would come into contact with recycled water will be informed of that fact and will be instructed in the safe use of recycled water.
6. The median concentration of total coliform bacteria shall not exceed 23 MPN / 100mL utilizing the bacteriological results of the last seven days for which the analyses have been completed. The results of the sampling shall be retained on-site and submitted to

the Central Valley Regional Water Quality Control Board on a quarterly basis. If recycled water has not been used and no samples have been taken during the quarter a letter certifying this fact shall be submitted.

7. Failure to abide by the conditions of the General Waiver and this letter authorizing applicability, including its monitoring and reporting requirements, could result in enforcement actions as authorized by provisions of the California Water Code.

If you have any questions, please contact Katie Carpenter at (559) 445-5551 or by email at kcarpenter@waterboards.ca.gov.



for Pamela C. Creedon
Executive Officer

Enclosures: General Waiver R5-2008-0182

cc w/out enclosures: Carl Carlucci, California Department of Public Health, Fresno
Robert Dawyot, Allied Engineers, Inc., San Ramon