

## INFORMATION SHEET

WASTE DISCHARGE REQUIREMENTS ORDER R5-2013-XXXX  
CALAVERAS COUNTY WATER DISTRICT  
LA CONTENTA WASTEWATER TREATMENT FACILITY  
CALAVERAS COUNTY

### Background

The La Contenta Wastewater Treatment Facility (WWTF), built in 1991, provides tertiary treatment for the wastewater generated from the New Hogan/La Contenta area, which has 1,080 equivalent dwelling units. The WWTF location is shown on Attachment A.

The WWTF consists of a mechanical bar screen, an activated sludge treatment unit (a 500,000-gallon concrete aeration basin, a clarifier, and a sludge return system), a coagulant feed system, sand filters, a UV light disinfection system, a sludge lagoon, a sludge belt press, a dry sludge storage area, and two unlined storage ponds (Upper pond and Lower pond). The treated wastewater is stored in the lower pond prior to conveyance to the 70-acre La Contenta Golf Course (the Golf Course) for recycling during the irrigation season. The facility site map and the wastewater treatment process schematic are shown on Attachment B and C, respectively.

WDRs Order R5-2002-0222, adopted by the Central Valley Water Board on 6 December 2002, prescribes requirements for the WWTF and the use of recycled water at the La Contenta Golf Course (the Golf Course). The Golf Course is owned and operated by La Contenta Investors. WDRs Order R5-2002-0222 allows a monthly average dry weather influent flow (ADWF) of 0.15 million gallons per day (MGD). The Discharger requested to increase the ADWF limit to 0.20 MGD.

Since WDRs Order R5-2002-0222 was adopted, some improvements and changes have been made to this facility, including:

- a. The storage capacity of one effluent storage pond (the Lower Pond) was increased from 23 to 172 acre-foot (ac-ft) in 2005;
- b. The chorine disinfection system was replaced with an ultra violet (UV) light disinfection system in 2009;
- c. An additional sand filter was installed; and
- d. The use of recycled water at the Golf Course is now regulated under State Water Resources Control Board Order 2009-0006-DWQ, *General Waste Discharge Requirements for Landscape Irrigation Uses of Recycled Water*.

Therefore, Order R5-2002-0222 no longer reflects the current facility operations and will be rescinded and replaced with this Order.

### Discharge Prohibitions, Specifications and Provisions

The water balance in the RWD demonstrates that the WWTF has the following storage and disposal capacity:

<u>Influent Flow Measurement</u>	<u>Flow Limit</u>
Total Annual Flow <sup>1</sup>	89 MG
<u>Average Dry Weather Flow <sup>2</sup></u>	0.20 MGD

<sup>1</sup> As determined by the total flow for the calendar year.

<sup>2</sup> As determined by the total flow for the months of July through September, inclusive, divided by 92 days.

The Monitoring and Reporting Program is designed to verify compliance with flow limits, effluent limitations, and operational requirements of the WDRs.