

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
CASTAIC LAKE WATER AGENCY
(Earl Schmidt Filtration Plant and Rio Vista Treatment Plant
Hydrostatic Test & Overflow Discharges)

NPDES NO. CAG674001
CI-8958

FACILITY ADDRESS

Earl Schmidt Filtration Plant: 32700 Lake
Hughes Road, Castaic, CA 91384
Rio Vista Water Treatment Plant: 27234
Bouquet Canyon Road, Santa Clarita, CA
91350

FACILITY MAILING ADDRESS

27234 Bouquet Canyon Road, Santa Clarita,
CA 91350

PROJECT DESCRIPTION:

Castaic Lake Water Agency (CLWA) discharges hydrostatic test water and overflows from the Earl Schmidt Filtration Plant and the Rio Vista Treatment Plant for domestic water supply. CLWA pumps water from Castaic Lake to the treatment plants and distributes the potable water to local water purveyors through a distribution system consisting of 20 miles of cement-lined steel pipes. Discharge of overflows and hydrstatic test water is currently regulated under Order No. 97-030 (NPDES Permit No. CA0059030), adopted by the Regional Board on April 7, 1977. On September 6, 2005, CLWA submitted an application for coverage of the subject discharge under the General NPDES permit. Based on the information provided, Board staff have determined that the discharge meets the conditions to be regulated under Order No. R4-2004-0109 (General NPDES Permit No. CAG674001), adopted by this Board on July 1, 2004.

The hydrostatic test water and overflows consist of potable water generated from the subject facilities. CLWA will dechlorinate the water before it is discharged to seven Outfalls (Existing Outfalls: No. 001 to 006; Proposed Outfall: No. 007).

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1.8 MGD of hydrostatic test water and/or overflow water will be discharged through the following Outfalls:

September 23, 2005

<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Receiving Waterbody</u>
#1	34°29'53"	118°36'01"	Castaic Creek
#2	34°25'20"	118°30'00"	South Fork Santa Clara River
#3	34°25'20"	118°32'30"	Santa Clara River
#4	34°25'42"	118°32'10"	Bouquet Canyon Creek
#5	34°25'31"	118°29'40"	Santa Clara River
#6	34°25'53"	118°31'20"	Santa Clara River
#7	34°27'30"	118°36'30"	Castaic Creek

The discharges flow into the Santa Clara River, a water of the United States. The site locations are shown in Figures 1.A and 1.B..

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in hydrostatic test water above the *Screening Levels for Potential Pollutants of Concern in Potable Water Used for Hydrostatic Testing in Attachment A*. In addition, the source of hydrostatic test water and overflow water are from a potable water supply system that complies with the Department of Health Services Maximum Contaminant Levels for drinking water. The discharge flows into the Santa Clara River between Bouquet Canyon Road Bridge and West Pier Highway 99. Therefore, effluent limitations in Attachment B.3.c. are applicable to the discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	1000	---
Sulfate	mg/L	300	---
Chloride	mg/L	100	---
Boron	mg/L	1.5	---
Nitrogen ¹	mg/L	10	---
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---

¹ Nitrate-nitrogen plus nitrite-nitrogen

FREQUENCY OF DISCHARGE:

The discharge will be intermittent.

REUSE OF WATER:

It is not feasible to discharge the wastewater to the sanitary sewer system. It is not economically feasible to haul the wastewater for off-site disposal. Therefore, the hydrostatic test water and overflow water will be discharged into the Creek and/or River.