

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

REVISED 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:**

On September 23, 2005, General NPDES Permit No. CAG674001 (Order No. R4-2003-0111) was issued to Castaic Lake Water Agency (CLWA) to discharge hydrostatic test water and domestic water supply overflows from the Earl Schmidt Filtration Plant and the Rio Vista Treatment Plant. 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. On October 5, 2005, CLWA requested the Board to cover 18 additional Outfalls under the general permit. This Regional Board has no objection to including these Outfalls, which all eventually drain to the Santa Clara River.

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 Outfall #1 through #25.

**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:

October 26, 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
#8	34°25'36"	118°29'39"	Santa Clara River
#9	34°25'36"	118°29'37"	Santa Clara River
#10	34°25'25"	118°29'03"	Santa Clara River
#11	34°25'24"	118°29'01"	Santa Clara River
#12	34°24'57"	118°28'36"	Santa Clara River
#13	34°24'54"	118°28'31"	Santa Clara River
#14	34°24'50"	118°28'23"	Santa Clara River
#15	34°24'45"	118°28'01"	Santa Clara River
#16	34°24'45"	118°27'54"	Santa Clara River
#17	34°24'45"	118°27'51"	Santa Clara River
#18	34°24'45"	118°27'42"	Santa Clara River
#19	34°24'47"	118°27'29"	Santa Clara River
#20	34°24'51"	118°26'58"	Santa Clara River
#21	34°24'53"	118°26'43"	Santa Clara River
#22	34°24'54"	118°26'37"	Santa Clara River
#23	34°24'54"	118°26'37"	Santa Clara River
#24	34°24'03"	118°26'20"	Santa Clara River
#25	34°25'06"	118°26'13"	Santa Clara River

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

### **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 is 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 <sup>1</sup>	mg/L	10	---
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 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	---

**FREQUENCY OF DISCHARGE:**

The discharge will be intermittent.

**REUSE OF WATER:**

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

<sup>1</sup> Nitrate-nitrogen plus nitrite-nitrogen