

**State of California**  
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**LOS ANGELES REGION**  
**320 West 4th Street, Suite 200, Los Angeles**  
**FACT SHEET**  
**WASTE DISCHARGE REQUIREMENTS**  
**FOR**  
**CALIFORNIA DOMESTIC WATER COMPANY**  
**(Bassett Wellfield Start-Up Project)**  
**NPDES NO. CAG994005**  
**CI-8769**

**FACILITY LOCATION**

3820 Gilman Road  
El Monte, CA 91732

**FACILITY MAILING ADDRESS**

15505 E. Whittier Boulevard  
Whittier, CA 90603

**PROJECT DESCRIPTION**

California Domestic Water Company (CDWC) proposes to discharge groundwater generated from start-up of production wells at the Bassett wellfield, located in the City of El Monte. The well start-up will occur periodically to remove any sediment that has accumulated in the well during periods of well downtime. Groundwater will be discharged from any given well for a period of approximately fifteen minutes to clear out sediments. CDWC regularly analyzes water samples from each well for VOCs, NDMA, and perchlorate along with other constituents pursuant to California DHS requirements. Blending process will be used, if necessary, to comply with effluent limitations specified in the general permit.

**VOLUME AND DESCRIPTION OF DISCHARGE**

Up to 100,000 gallons per day of wastewater is discharged to various storm drain outfalls.

<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Receiving Waterbody</u>
D1	34° 03'59"	118° 00'14"	San Gabriel River
D2	34° 03'38"	118° 00'21"	San Gabriel River
D3	34° 03'34"	118° 00'22"	San Gabriel River
D4	34° 03'24"	118° 00'25"	San Gabriel River

The water drains to storm drains thence to San Gabriel River, a water of the United States. The site and outfalls locations are shown as Figure 1.

**APPLICABLE EFFLUENT LIMITATIONS**

Based on the information provided, the effluent limits for toxic compounds in Section E.2. are also applicable to the discharge. The discharge flows to San Gabriel River between Ramona Boulevard and Valley Boulevard; therefore, the discharge limitations in Attachment B.7.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 Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	150	---
Boron	mg/L	1.0	---
Nitrogen	mg/L	8.0	---
Residual Chlorine	mg/L	0.1	---
Copper	µg/L	1000	---
Lead	µg/L	50	---
Total Chromium	µg/L	50	---
1,1 -Dichloroethane	µg/L	5.0	---
1,1-Dichloroethylene	µg/L	6.0	---
1,1,1-Trichloroethane	µg/L	200	---
1,1,2-Trichloroethane	µg/L	5.0	---
1,1,2,2-Tetrachloroethane	µg/L	1.0	---
1,2-Dichloroethane	µg/L	0.5	---
1,2-trans-Dichloroethylene	µg/L	10	---
Tetrachloroethylene	µg/L	5.0	---
Trichloroethylene	µg/L	5.0	---
Carbon Tetrachloride	µg/L	0.5	---
Vinyl Chloride	µg/L	0.5	---
Total Trihalomethanes	µg/L	80	---
Benzene	µg/L	1.0	---
Methyl tertiary butyl ether (MTBE)	µg/L	5.0	---

**FREQUENCY OF DISCHARGE**

The intermittent discharge is expected to last 15 minutes during the well start-up activities.

## **REUSE OF WATER**

It is not economically feasible to haul the groundwater to CDWC's water treatment plant. Because of the lack of landscaped areas at the site, there are no other feasible reuse options for the discharge. Therefore, the groundwater will be discharged to the storm drain.