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
GOLDEN STATE WATER COMPANY
(Indian Hill Well No. 4)
NPDES NO. CAG994005
CI-9529

FACILITATION LOCATION
3039 Indian Hill Boulevard
Claremont, CA 91771

FACILITY MAILING ADDRESS
401 S. San Dimas Cyn Road
San Dimas, CA 91773

PROJECT DESCRIPTION

Golden State Water Company (Golden State) proposes to install a potable Well No. 4 at 3039 Indian Hill Boulevard, Claremont, CA. Upon completion, Golden State will conduct well development, aquifer testing, and project start-up. To properly test the aquifer and the potable water supply well pump, Golden State proposes to discharge up to 1.5 million gallons per day (MGD) of groundwater during approximately four weeks of project time. Baker tanks will be used for settling suspended solids prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 1.5 mgd of groundwater will be discharged to the Thompson Creek at Latitude 34°07'19", Longitude 117°43'13", thence to the San Jose Creek which flows to the San Gabriel River, a water of the United States. The site location map is shown as Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharge from the project flows into the San Gabriel River, between Valley Boulevard and Firestone Boulevard includes Whittier Narrows Flood Control Basin and San Jose Creek. Therefore, the discharge limitations specified in Attachment B.8.d. are applicable to the discharge.

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

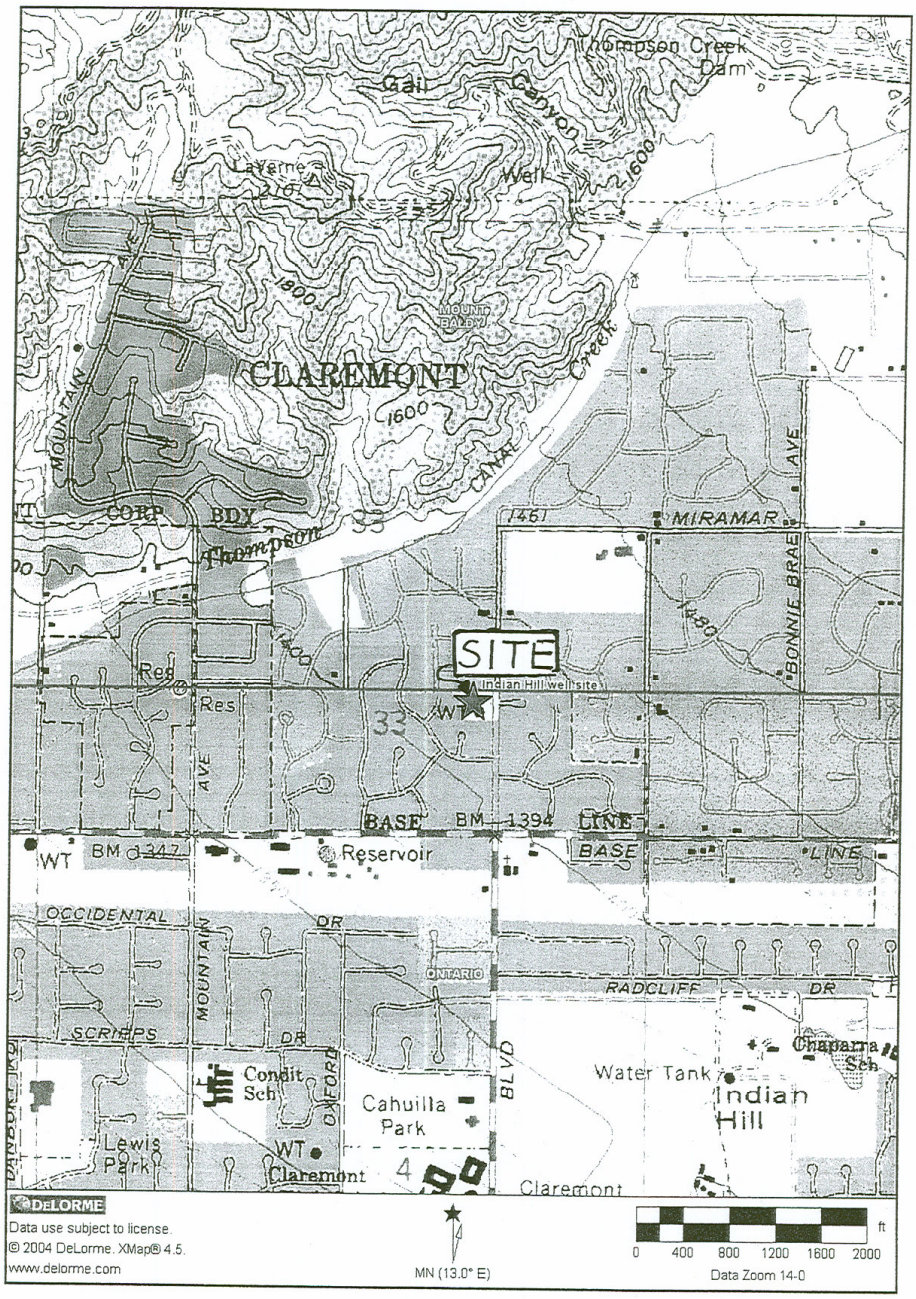
Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD_5 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	180	---
Nitrogen (Nitrate-N + Nitrite-N)	mg/L	8.0	---
Boron	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---

FREQUENCY OF DISCHARGE

The intermittent discharge will last approximately four weeks.

REUSE OF WATER

It is not economically feasible to haul the groundwater off-site and that it is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for this large volume short-term discharge. Therefore, the groundwater will be discharged to the creek in compliance with the requirements of the attached order.



Chambers Group, Inc.

GSWC Property (Claremont, CA)
Indian Hill Plant Well #4
PROJECT SITE LOCATION MAP
FIGURE 1