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

WILSHIRE PINNACLE PROJECT

NPDES NO. CAG994004
CI-9003

PROJECT LOCATION
Wilshire Pinnacle
5600 Wilshire Blvd
Los Angeles, CA 90036

FACILITY MAILING ADDRESS
BRE Builders
2020 Main St.,
Irvine, CA 92614

PROJECT DESCRIPTION

BRE Builders (Discharger) is constructing a multi level, mixed use residential building, located at 5600 Wilshire Blvd., in the City of Los Angeles (See Figure 1). Groundwater will be encountered during excavation of the site. The Discharger proposes to pump and discharge the groundwater to the nearby storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 500,000 gallons per day of treated groundwater will be discharged to a storm drain outfall (located at Latitude 118° 21' 05", Longitude 34° 03' 41"). The site location map and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively. The treatment system is designed to remove total petroleum hydrocarbons, cyanide, sulfide, oil and grease, turbidity, suspended solids and heavy metals, which are the pollutants of concern in the groundwater. The discharge flows into Ballona Creek, waters of the United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in 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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
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
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Cyanide	µg/L	1.0	0.5
Copper	µg/L	5.8	2.9
Cadmium	µg/L	5	----
Mercury	µg/L	0.1	0.05
Lead	µg/L	14	7
Zinc	µg/L	95	47
Nickel	µg/L	14	6.7
Total petroleum hydrocarbons	µg/L	100	----

FREQUENCY OF DISCHARGE

The construction dewatering discharge will be continuous and is expected to last for approximately 9 months.

REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal. The subject site lacks sufficient landscaped area for irrigation. Since there are no other feasible reuse options, most of the groundwater generated from the construction will be discharged to the storm drain.