

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
KING'S AUTO REPAIR
(12005 E. SOUTH STREET)**

**NPDES NO. CAG994004
CI-8797**

FACILITY ADDRESS

12005 E. South Street
Artesia, California

FACILITY MAILING ADDRESS

500 N. The Strand, #41
Oceanside, CA 92054

PROJECT DESCRIPTION:

King's Auto Repair proposes to discharge treated groundwater from a groundwater cleanup project located at 12055 E. South Street, Artesia. Soil and groundwater beneath the site are impacted with petroleum-fuel compounds. Prior to discharge, the groundwater will be treated by an above-ground treatment system using granular activated carbon adsorbers.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 7,200 gallons per day of treated groundwater will be discharged into a nearby storm drain that flows into the Coyote Creek (Latitude: 33° 51' 51", Longitude: 118° 04' 59"), thence to the San Gabriel River, between Firestone Boulevard and San Gabriel River Estuary, a water of the United States. The site location map and process flow diagram are shown in Figures 1 and 2, respectively.

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. The discharge of treated groundwater drains into the Coyote Creek thence to the San Gabriel River that is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Waters" column apply to the discharge. Based on the effluent hardness value submitted, an appropriate discharge limitation for hardness-dependent metal has been selected according to Section E.1.b. of the Order. The limitations specified in Attachment B of the Order are not applicable to this 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
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	
Volatile Organic Compounds			
Benzene	µg/L	1.0	
Ethylbenzene	µg/L	700	
Ethylene dibromide	µg/L	0.05	
Methyl tertiary butyl ether (MTBE)	µg/L	5	
Toluene	µg/L	150	
Xylenes	µg/L	1750	
Semi-Volatile Organic Compounds			
Naphthalene	µg/L	21	
Miscellaneous			
Tertiary butyl alcohol (TBA)	µg/L	12	
Total petroleum hydrocarbons	µg/L	100	
Metals			
Lead	µg/L	25.6	12.8

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be intermittent.

REUSE OF WATER:

The reuse of pumped groundwater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. The property and the immediate vicinity have no landscaped areas that require irrigation. Therefore, the majority of the groundwater will be discharged into the storm drain.