

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
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
(Agoura Road Maintenance Yard Remediation Project)
NPDES NO. CAG994004
CI-8866

FACILITATION LOCATION

29773 Mulholland Highway
Agoura, CA 91301

FACILITY MAILING ADDRESS

900 S. Fremont Avenue
Alhambra, CA 91803

PROJECT DESCRIPTION

The subject site is the Los Angeles County Department of Public Works (LACDWP) Agoura Road Maintenance Yard located at 29773 West Mulholland Highway, Agoura. Shallow groundwater and rain water in the former gasoline tank excavation pit is contaminated with methyl tertiary butyl ether (MTBE) and tertiary butyl alcohol (TBA). The subject site is currently under the oversight of this Regional Board for remediation of impacted soil and groundwater. All contaminated soil will be excavated and hauled for off-site disposal. The impacted water in the tank pit will be stored in a holding tank prior to being filtered through cartridge or bag filter(s) to further remove suspended solids. The wastewater will then be passed through up to six, 2000-pound, carbon adsorption vessels containing 12 x 30 mesh virgin coconut shell based granular activated carbon (GAC) to remove organic compounds. Post-treatment effluent samples will be analyzed prior to discharge into the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to one 144,000 gallons per day of wastewater will be discharged to a nearby storm drain (Latitude 34°06'45", Longitude 118°46'20"), thence to Malibu Creek, a water of the United States. The site location map and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

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 discharged from the project flows into Malibu Creek. Therefore, the discharge limitations in Attachment B.5.a. of Order No. R4-2003-0111 are also applicable to the discharge.

February 15, 2005

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	2000	---
Sulfate	mg/L	500	---
Chloride	mg/L	500	---
Boron	mg/L	2.0	---
Nitrogen*	mg/L	10	---
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			
Total Petroleum Hydrocarbons	µg/L	100	---
Benzene	µg/L	1.0	---
Ethylbenzene	µg/L	700	---
Toluene	µg/L	150	---
Xylenes	µg/L	1750	---
Methyl tertiary butyl ether (MTBE)	µg/L	5.0	---
Tertiary butyl alcohol (TBA)	µg/L	12	---
Metals			
Nickel	µg/L	100	60

* Nitrate-nitrogen plus nitrite-nitrogen (NO₃-N + NO₂-N).

FREQUENCY OF DISCHARGE

The discharge is scheduled to begin in February 2005. The dewatering project is anticipated to last approximately six months.

REUSE OF WATER

It is not feasible to discharge the wastewater to the sanitary sewer system. It is not economically feasible to haul the wastewater for off-site disposal. There are no other feasible reuse options for the discharge. Therefore, the treated water will be discharged to the storm drain.

