

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
ARCHSTONE-SMITH OPERATING TRUST
(Archstone Santa Monica Apartment Building Project)
NPDES NO. CAG994004
CI-8869

PROJECT LOCATION

2000 Main Street
Santa Monica, CA 90405

FACILITY MAILING ADDRESS

One Spectrum Pointe Dr., #225
Lake Forest, CA 92630

PROJECT DESCRIPTION

Archstone-Smith Operating Trust (Archstone) proposes to construct a high rise apartment building at 2000 Main Street, Santa Monica, California. Dewatering is anticipated during the construction project. Archstone proposes to store the groundwater in a settling tank and then treat it by passing it through sand and bag filter systems to further remove suspended solids and turbidity. The groundwater will then be passed through a series of two, granular activated carbon units to remove 4,4'-DDT, trichloroethene, and total petroleum hydrocarbons (TPH). Samples of the treated groundwater will be collected and analyzed prior to discharge to the Miscellaneous Coastal Stream.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that approximately 360,000 gallons per day of treated groundwater will be discharged to a storm drain (located at Latitude 34°00' 43", Longitude 118°29' 26"), thence to a Miscellaneous Coastal Stream, tributary to the Pacific Ocean, 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 listed in the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into a Miscellaneous Coastal Stream, tributary to the Pacific Ocean. Therefore, the discharge limitations listed in Attachment B are not applicable to the discharge.

March 2, 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
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	---
Trichloroethene	µg/L	5.0	----
Total Petroleum Hydrocarbons	µg/L	100	----
4,4'-DDT	µg/L	0.0012*	0.00059*

* If the reported detection level is greater than the effluent limit for this constituent, but it is reported as a non-detect using a ML detection of 0.01ug/L, the discharge is deemed to be in compliance with this limitation.

FREQUENCY OF DISCHARGE

The discharge of groundwater will continue throughout mid-year of 2005.

REUSE OF WATER

Due to the large volume of groundwater, it is not feasible to discharge the water to the sanitary sewer system. It is not economically feasible to haul the groundwater for off-site disposal. There are no feasible reuse options for the discharge; therefore, the treated groundwater will be discharged to storm drain.

