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

MONTROSE CHEMICAL CORPORATION OF CA
(Pilot Groundwater Extraction Test Project)
NPDES NO. CAG994004
CI-8819

PROJECT LOCATION
Normandie Ave. and 204th St.;
New Hampshire Ave. and 210th St.,
Los Angeles, CA 90502

FACILITY MAILING ADDRESS
600 Eriksen Avenue NE, Suite 380
Bainbridge Island, WA 98110

PROJECT DESCRIPTION

Montrose Chemical Corporation of CA (Montrose) proposes to conduct a pilot groundwater extraction test project in the vicinity of the former Montrose facility located at 20201 South Normandie Avenue, Los Angeles. The project involves construction of three extraction wells at two separate areas for conducting aquifer tests to obtain aquifer parameters for the design of a full scale groundwater remediation project at the Montrose-Del Amo Superfund sites. Groundwater will be generated during a six day, short-duration extraction test of the wells. The extracted groundwater will be treated by passing it through a liquid phase granular activated carbon adsorption to remove volatile organics. Additionally, carbon solid filtration units will be utilized to reduce the solids loading into and out of the carbon system. If needed, additional equipment may be utilized for metals treatment prior to discharge of the treated groundwater to the storm drains.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 720,000 gallons per day of treated groundwater will be discharged to two storm drains outfalls (located at Latitude 33°50' 48", Longitude 118°17' 53" and at Latitude 33°50' 24", Longitude 118°17' 36"), thence to Dominguez Channel, 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 groundwater flows into Dominguez Channel, therefore, the discharge limitations specified in Attachment B are not applicable to the discharge.

November 2, 2004

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	---
1,2-Dichloroethane	µg/L	0.5	----
1,4-Dichlorobenzene	µg/L	5.0	----
Benzene	µg/L	1.0	----
Ethylbenzene	µg/L	700	----
Naphthalene	µg/L	21	----
Trichloroethylene	µg/L	5.0	----
Tetrachloroethylene	µg/L	5.0	----
Antimony	µg/L	6.0	----
Arsenic	µg/L	50	----
Chromium III	µg/L	50	----
Chromium VI	µg/L	16	8.0

FREQUENCY OF DISCHARGE

The construction project will begin in January 2005 and the discharge of groundwater will last approximately one week.

REUSE OF WATER

Due to the large volume of groundwater that will be generated, it is not feasible to discharge the water to the sanitary sewer system. It is not economically 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 drains.