

**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**

**NTRACORP**  
**(West Ocean Towers Project)**  
**NPDES NO. CAG994004**  
**CI-8795**

**PROJECT LOCATION**

Ocean Boulevard & Queens Way  
Long Beach, CA 90802

**FACILITY MAILING ADDRESS**

3300 Irvine Avenue, Suite 385  
Chicago, IL 60606

**PROJECT DESCRIPTION**

INTRACORP proposes to construct a high rise condominium building with subterranean parking at the corner of Ocean Boulevard and Queens Way, Long Beach. Dewatering may be necessary during the construction project. The extracted groundwater will be stored in a settling tank and then treated by passing it through a polymer-M/C system, a multichamber sand filtration system, and a multi-stage bag chamber filter system to reduce turbidity and remove suspended solids and settleable solids. The groundwater will then be passed through granular activated carbon unit and Pur-Z ion exchange unit to remove volatile organics and heavy metals, respectively. Samples of the treated groundwater will be collected and analyzed prior to discharge to the storm drain.

**VOLUME AND DESCRIPTION OF DISCHARGE**

It is estimated that up to 300,000 gallons per day of treated groundwater will be discharged to a storm drain (located at Latitude 33°45' 55", Longitude 118°13' 03"), thence to Long Beach Harbor, 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 Long Beach Harbor, therefore, the discharge limitations specified in Section E.1.c. are applicable to the discharge. In addition, the discharge limitations in Attachment B are not applicable to 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
Turbidity	NTU	150	50
BOD <sub>5</sub> 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	----
Tetrachloroethylene	µg/L	5.0	----
Arsenic	µg/L	50	----
Chromium	µg/L	50	----
Copper	µg/L	5.8	2.9
Lead	µg/L	14	7.0
Nickel	µg/L	14	6.7
Zinc	µg/L	95	47

### FREQUENCY OF DISCHARGE

The construction project will begin in September 2004 and the discharge of groundwater will last approximately a year.

### REUSE OF WATER

A portion of the treated groundwater will be used for dust control at the project area. 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.



