

STATE OF CALIFORNIA  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION  
320 West 4<sup>th</sup> Street, Suite 200, Los Angeles, California 90013

**FACT SHEET  
WASTE DISCHARGE REQUIREMENTS  
FOR**

**CITY OF LOS ANGELES-DEPARTMENT OF WATER & POWER  
(FIRST STREET TRUNK LINE PROJECT)**

**(ORDER NO. R4-2003-0111, SERIES NO. 103)  
NPDES NO. CAG994004  
CI-9036**

**FACILITY ADDRESS**

Corner of First Street, Van Ness Avenue, and  
Beverly Boulevard  
Los Angeles, CA 90039

**FACILITY MAILING ADDRESS**

111 N. Hope Street, Room 1213  
Los Angeles, CA 90012

**PROJECT DESCRIPTION:**

The City of Los Angeles, Department of Water and Power (LADWP) proposes to discharge groundwater generated from construction and installation of pipeline along First Street and Van Ness Avenue, Los Angeles. The groundwater beneath certain segments of the pipeline route is impacted with volatile organic compounds (VOC's), total petroleum hydrocarbons, and heavy metals. Treatment may be necessary to ensure that the concentration of mercury, nickel and VOC's in the discharge remains below the effluent limitation. The construction project will be completed within six months.

**VOLUME AND DESCRIPTION OF DISCHARGE:**

Approximately 5,000 gallons per day (gpd) of groundwater will be discharged from the project site. The discharge will be released into local storm drains located along First Street, between Van Ness Avenue and Beverly Boulevard. The discharge flows into Benedict Canyon Channel, thence into the Ballona Creek, a water of the United States. The site location map is shown in Figure 1. The discharge outfalls locations are listed below:

<b>Outfall No.</b>	<b>Latitude</b>	<b>Longitude</b>
01	34° 04' 23"	118° 18' 53"
02	34° 04' 20"	119° 16' 55"

March 16, 2006

**APPLICABLE EFFLUENT LIMITATIONS**

Based on the information provided in 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 construction dewatering discharge flows into Benedict Canyon Channel, thence into the Ballona Creek. Therefore, the discharge limitations under the "Other Waters" column apply to your discharge. The discharge limitations in Attachment B of the Order No. R4-2003-0111 are not applicable to your discharge.

This Table lists the specific constituents and effluent limitations applicable to your 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	
PCBs	µg/L	0.00034	0.00017
1,2 Diphenylhydrazine	µg/L	1.1	0.54
Benzo (a) Pyrene	µg/L	0.098	0.049
Benzo (b) Flouranthene	µg/L	0.098	0.049
Benzo (k) Flouranthene	µg/L	0.098	0.049
Bis (2-Chloroethyl) ether	µg/L	340,000	170,000
Chrysene	µg/L	0.098	0.049
Dibenzo(a,h)-anthracene	µg/L	0.098	0.049
Hexachlorobenzene	µg/L	0.0016	0.00077
Indeno(1,2,3,cd)-pyrene	µg/L	0.098	0.049
N-Nitroso-di-n-propyl amine	µg/L	16	8.1
Napthalene	µg/L	21	
Total Petroleum Hydrocarbons	µg/L	100	
Endrin	µg/L	0.059	0.029
Heptachlor	µg/L	0.00042	0.00021
Heptachlor Epoxide	µg/L	0.00022	0.00011

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Mercury	µg/L	0.1	0.05
Nickel	µg/L	100	100

**FREQUENCY OF DISCHARGE:**

The discharge of groundwater will be intermittent and will last approximately six months.

**REUSE OF WATER:**

Water reuse alternatives and its applicability were evaluated. A small volume of the groundwater will be used for dust control and soil compaction within the project area. The majority of the groundwater will be discharged into the Ballona Creek in compliance with the attached order.