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
CITY OF LOS ANGELES DEPARTMENT OF WATER AND POWER
(Westside Water Recycling Project)
NPDES NO. CAG994004
CI-8877

FACILITATION LOCATION	**FACILITY MAILING ADDRESS**
Westchester, north of the	111N. Hope Street, Room 1213
Los Angeles International Airport, CA	Los Angeles, CA 90012

PROJECT DESCRIPTION

The City of Los Angeles Department of Water and Power (LADWP) operates the Westside Water Recycling Project that uses reclaimed water from the West Basin Water Recycling Facility for various commercial and industrial uses in the Westchester area, located at north of the Los Angeles International Airport. There is a need to periodically flush water through the reclaimed water pipeline system to maintain the system's optimal operating conditions. Discharge from the subject project is regulated under General Permit No. CAG994004 (Order No. R4-2003-0111) which was issued on March 16, 2005. LADWP submitted a Notice of Intent (NOI) form to continue enrollment under the General Permit. Based on the recycled water quality data provided, staff have determined that discharge of wastewater from flushing the pipeline system with recycled water meets the conditions specified in General Permit No. CAG994004 ; Order No. R4-2008-0032 which was adopted by the Board on June 5, 2008.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 500,000 gallons per day of wastewater will be discharged to storm drains at the following Discharge Points locations:

Discharge Points	Latitude	Longitude	Receiving Waterbody
M-001	33° 57' 36"	118° 25' 08"	Ballona Creek
M-002	33° 57' 36"	118° 24' 16"	Ballona Creek
M-003	35° 56' 46"	118° 22' 50"	Ballona Creek
M-004	33º 57' 58"	118º 25' 09"	Ballona Creek

Ballona Creek is a water of the United States. The site location map is shown as Figure 1.

November 25, 2008

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 hydrostatic test wastewater discharges flow into Ballona Creek. Therefore, the discharge limitations in Attachment B of Order No. R4-2008-0032 are not applicable to the discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

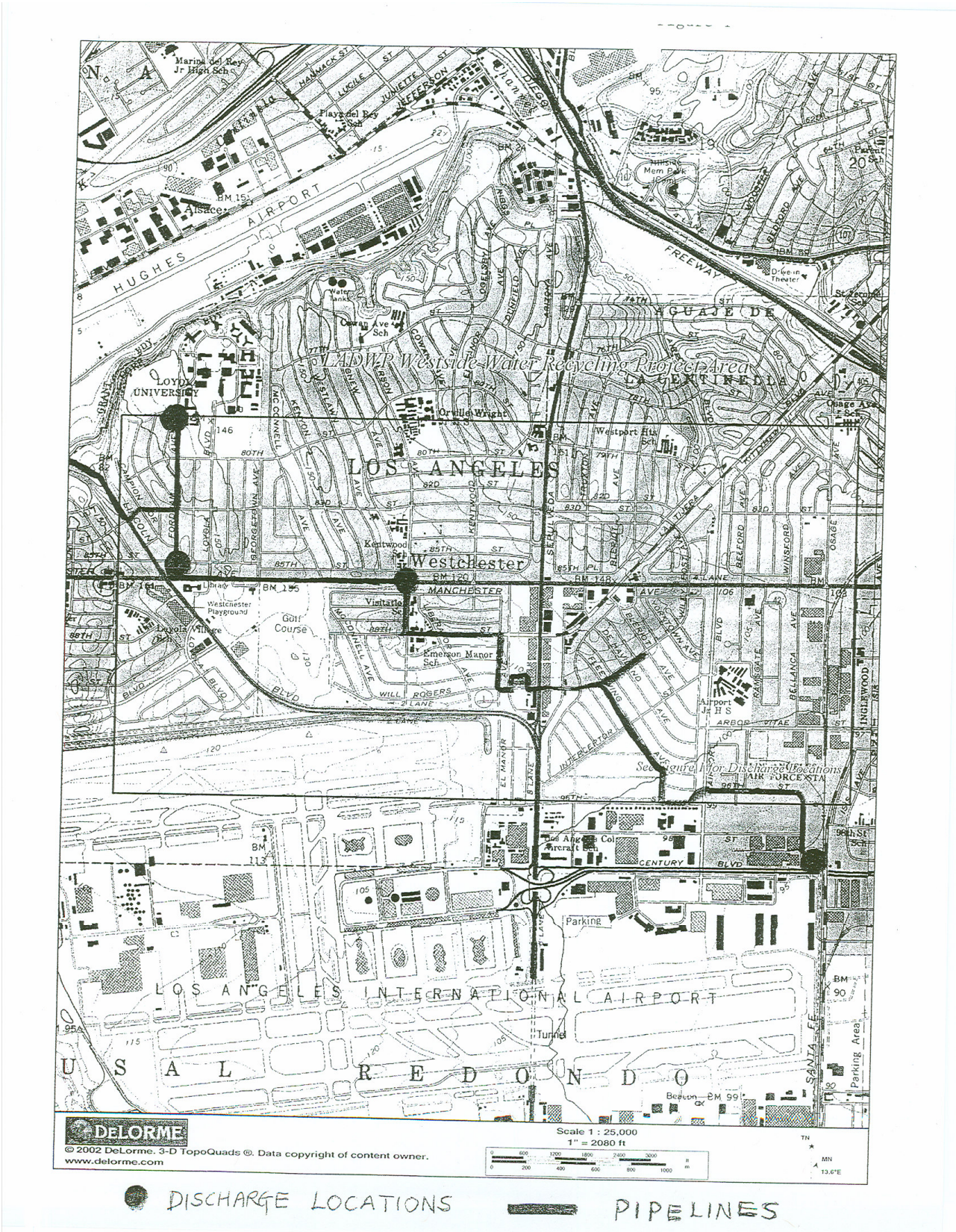
Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD_5 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Volatile organic Compounds			
Trichloroethylene	µg/L	5.0	---
Methyl tertiary butyl ether (MTBE)	µg/L	5.0	---
Pentachlorophenol	µg/L	1.5	0.73
Metals			
Cyanide	µg/L	8.5	4.2

FREQUENCY OF DISCHARGE

Flushing of pipelines will be conducted approximately every six months, or on an as-needed basis.

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 wastewater will be discharged to the storm drain in compliance with the requirements of the attached order.


LADWP Westside Water Recycling Project Area
See Figure 1 for Discharge Locations
DISCHARGE LOCATIONS
PIPELINES
LOS ANGELES
Westchester
LOS ANGELES INTERNATIONAL AIRPORT
HUGHES AIRPORT
Marina del Rey Jr High Sch
Playa del Rey
Alsace
Loyola University
Orville Wright
Westport Hts Sch
Kentwood
Manchester
Visitation Sch
Westchester Playground
Golf Course
Emerson Manor Sch
Airport Jr H S
Parking
Tunnel
Beacon
Parking Area
Scale 1 : 25,000
1" = 2080 ft
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