State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles
REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
(West Coast Basin Barrier Project, Unit 5)
ORDER NO. R4-2003-0108
NPDES NO. CAG994005
CI-6096

FACILITATION LOCATION
Valley Drive, Hermosa Beach, CA
Redbeam Avenue, Redondo Beach, CA

FACILITY MAILING ADDRESS
900 S. Fremont Avenue
Alhambra, CA 91803-1331

PROJECT DESCRIPTION

The County of Los Angeles Department of Public Works (LACDPW) injects freshwater into the local drinking water aquifers to prevent seawater intrusion. LACDPW periodically redevelops the injection wells and discharges the wastewater to the storm drain. General NPDES Permit No. CAG 994005 (Order No. R4-2003-0108) was issued to LACDPW on October 29, 2003, for discharge of well development water to the Los Angeles County Flood Control Channel through Outfall Nos.1 through 6. This Fact Sheet is being revised to include coverage under the general NPDES Permit for discharge of groundwater from two additional outfalls, No.7 and No.8, to substitute for discharge from Outfall No. 5 which is no longer receives well development wastewater.

VOLUME AND DESCRIPTION OF DISCHARGE

LACDPW conducts the well redevelopment approximately once every two years. Discharge during the well redevelopment typically last one to two weeks. Up to 144,000 gallons per day of groundwater is discharged to various storm drain outfalls listed below.

Outfall	Latitude	Longitude
1	33°51'39"	118°23'18"
2	33°51'31"	118°23'29"
3	33°52'25"	118°23'27"
4	33°51'16"	118°23'25"
5	33°51'10"	118°22'41"
6	33°50'42"	118°22'22"
7	33°51'09"	118°22'33"
8	33°51'05"	118°22'43"

October 2, 2006

Discharge to the storm drains flow to the Los Angeles County Flood Control Channel thence to the coastal stream of the Pacific Ocean, a water of the United States. The outfalls location is shown as Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharge flows to L.A. County Flood Control Channel thence to the coastal stream of the Pacific Ocean; therefore, the discharge limitations specified in Attachment B are not applicable to the discharge.

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

Constituent	Unit	Type of Sample	Minimum Frequency of Analysis
Turbidity	NTU	grab	once per discharge event
Total Suspended Solids	mg/L	grab	once per discharge event
BOD_5 @ 20℃	mg/L	grab	once per discharge event
Settleable Solids	ml/L	grab	once per discharge event
Residual chlorine	mg/L	grab	once per discharge event

FREQUENCY OF DISCHARGE

The intermittent discharge occur approximately once every two years.

REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the short duration discharges. Therefore, the groundwater will be discharged to the flood control channel in compliance with the requirements of the attached order.

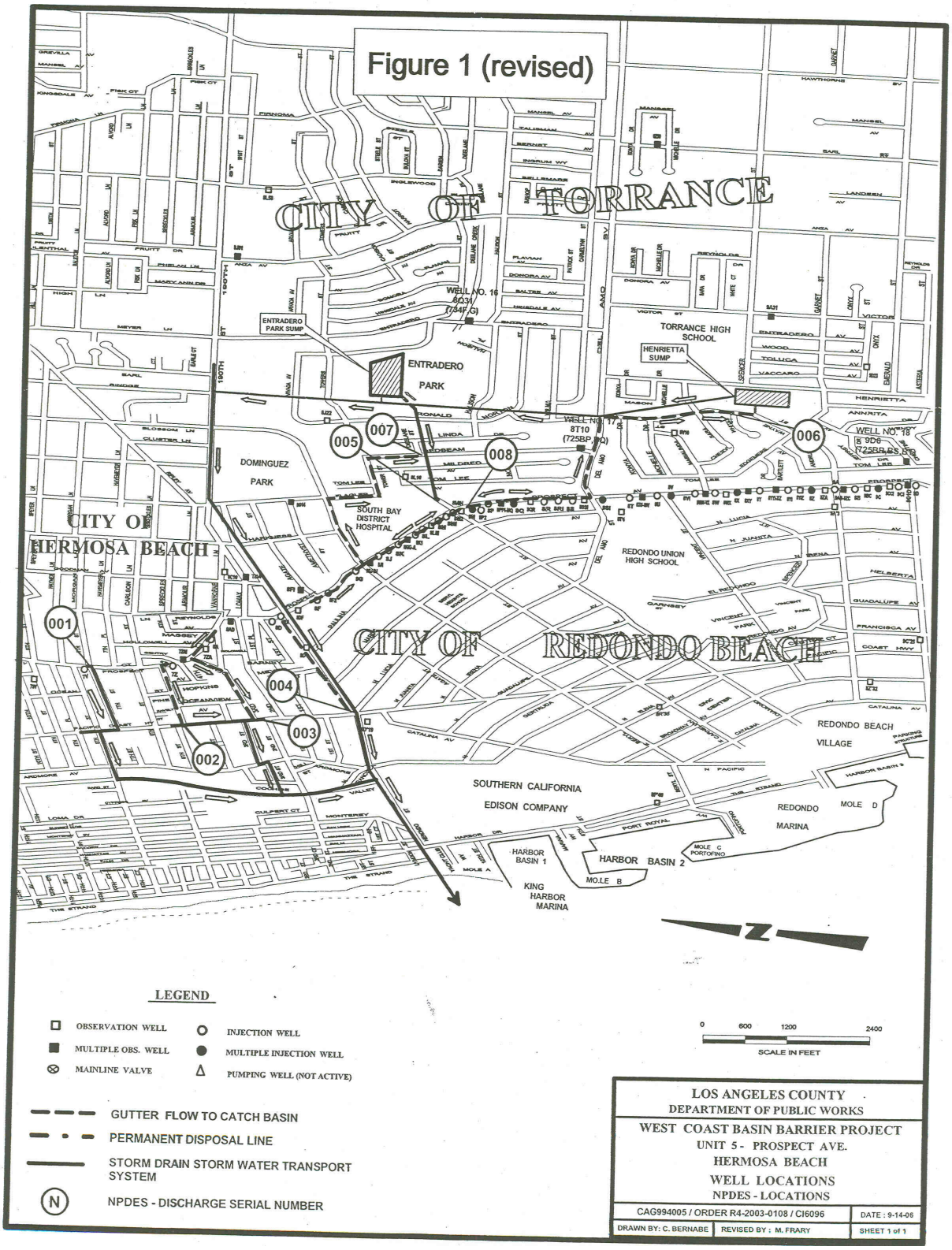
Figure 1 (revised)
CITY OF TORRANCE
CITY OF HERMOSA BEACH
CITY OF REDONDO BEACH
ENTRADERO PARK
DOMINGUEZ PARK
SOUTH BAY DISTRICT HOSPITAL
TORRANCE HIGH SCHOOL
REDONDO UNION HIGH SCHOOL
REDONDO BEACH VILLAGE
SOUTHERN CALIFORNIA EDISON COMPANY
REDONDO MARINA
HARBOR BASIN 1
HARBOR BASIN 2
KING HARBOR MARINA
ENTRADERO PARK SUMP
HENRIETTA SUMP
WELL NO. 16 8G31 (754FSG)
WELL NO. 17 8T10 (725BP,SG)
WELL NO. 18 8D6 (725BP,SG)
001
002
003
004
005
006
007
008
LEGEND
OBSERVATION WELL
MULTIPLE OBS. WELL
MAINLINE VALVE
INJECTION WELL
MULTIPLE INJECTION WELL
PUMPING WELL (NOT ACTIVE)
GUTTER FLOW TO CATCH BASIN
PERMANENT DISPOSAL LINE
STORM DRAIN STORM WATER TRANSPORT SYSTEM
N NPDES - DISCHARGE SERIAL NUMBER
0 600 1200 2400
SCALE IN FEET
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
WEST COAST BASIN BARRIER PROJECT
UNIT 5 - PROSPECT AVE.
HERMOSA BEACH
WELL LOCATIONS
NPDES - LOCATIONS
CAG994005 / ORDER R4-2003-0108 / CI6096
DATE : 9-14-06
DRAWN BY: C. BERNABE
REVISED BY : M. FRARY
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