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

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
FEDERAL BUREAU OF PRISONS
FEDERAL CORRECTIONAL INSTITUTION-TERMINAL ISLAND

NPDES NO. CAG994004
CI-8831

FACILITY ADDRESS	**FACILITY MAILING ADDRESS**
1299 S. Seaside Avenue San Pedro, California	1299 S. Seaside Avenue San Pedro, CA 90731

PROJECT DESCRIPTION:

The Federal Correctional Institution - Terminal Island proposes to discharge wastewater from a construction dewatering project located at the above-mentioned facility. Groundwater dewatering waste will be generated during the excavation of trenches for sanitary and storm drain systems upgrade. If necessary, the discharger will use a treatment system that consists of activated carbon and zeolite filter media to ensure that the concentration of organics and heavy metals, respectively, in the discharge remains below the effluent limitation.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 345,600 gallons per day of groundwater will be discharged during the construction dewatering activities. Groundwater will be discharged into nearby storm drain (Latitude: 33° 43' 43", Longitude: 118° 16' 00") that flows into the Los Angeles Harbor, a water of the United States. The site location map and process flow diagram are shown in 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 discharge flows into the Los Angeles Harbor that is designated as MAR (Marine) beneficial use. The limitations specified in Attachment B of the Order are not applicable to this 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	
Metals			
Copper	µg/L	5.8	2.9
Cyanide	µg/L	1.0	0.5
Nickel	µg/L	14	6.7

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent and will last up to 10 months.

REUSE OF WATER:

The reuse of pumped groundwater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. Therefore, the majority of the groundwater will be discharged into the storm drain.