

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
IRVING & PHYLLIS KERN TRUST
(INTERNATIONAL GARMENT FINISH INC.)**

**NPDES NO. CAG994004
CI-9218**

FACILITY ADDRESS

2144 West Gaylord Street
Long Beach, California

FACILITY MAILING ADDRESS

5160 Campus Drive
Newport Beach, CA 92660

PROJECT DESCRIPTION:

Irving & Phyllis Kern Trust (Discharger) plans to conduct a groundwater remediation project at 2144 West Gaylord Street, Long Beach (see Figure 1 for site location). Groundwater beneath the site is impacted by gasoline. In addition, the background heavy metal (copper) concentration in groundwater is above the screening level. The Discharger proposes to discharge groundwater generated from project dewatering activities to surface waterbody. Therefore, treatment is necessary prior to discharging to comply with discharge limitations.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 0.025 million gallons per day (mgd) of groundwater will be discharged from the project site. The proposed groundwater treatment system train includes filtration and activated carbon adsorption (See Figure 2, treatment process). The groundwater will be discharged to Outfall No. 1 (Latitude: 33° 47' 10", Longitude: 118° 13' 14"). The discharge flows into Long Beach Harbor, a water of the United States.

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 discharge flows into Los Angeles Harbor and Long Beach Harbor. Therefore, the discharge limitations for saltwater bodies apply to the 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 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	N/A
Phenols	mg/L	1.0	N/A
Residual Chlorine	mg/L	0.1	N/A
Methylene Blue Active Substances (MBAS)	mg/L	0.5	N/A
Copper	µg/L	5.8	2.9
Lead	µg/L	14	7
Total Petroleum Hydrocarbons	µg/L	100	
Benzene	µg/L	1.0	
Toluene	µg/L	150	
Ethylbenzene	µg/L	700	
Xylenes	µg/L	1750	
Methyl tertiary butyl ether (MTBE)	µg/L	5	
Di-isopropyl ether (DIPE)	µg/L	0.8	0
Tertiary Butyl Alcohol (TBA)	µg/L	12	

FREQUENCY OF DISCHARGE:

The groundwater discharge is intermittent. The discharge will last for approximately six months or until the completion of the remediation project.

REUSE OF WATER:

Offsite disposal of the groundwater discharge is not feasible due to high cost of disposal. The immediate vicinity has no landscaped areas that require irrigation using the groundwater discharge. Since there are no other feasible reuse options, most of the groundwater generated from the construction will be discharged to Long Beach Harbor in accordance with the attached Order.