

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**

**HERMETIC SEAL CORPORATION  
(HERMETIC SEAL)**

**NPDES NO. CAG994003  
CI-2937**

**FACILITY ADDRESS**

4232 Temple City Boulevard  
Rosemead, CA 91770

**FACILITY MAILING ADDRESS**

4232 Temple City Boulevard  
Rosemead, CA 91770

**PROJECT DESCRIPTION:**

Hermetic Seal Corporation (Hermetic) discharges non-contact cooling water to the storm drain. The discharge occurs only during the cooling tower shutdown when regular preventive maintenance or unscheduled repairs are performed. Hermetic submitted a Notice of Intent (NOI) form and analytical results of the wastewater samples to continue enrollment under the General NPDES Permit. Treatment may be necessary to ensure that the concentrations of copper and mercury in the discharge remain below the effluent limitations.

**VOLUME AND DESCRIPTION OF DISCHARGE:**

Approximately 3,000 gallons per day (gpd) of wastewater is discharged into the storm drain located near Telstar Avenue (Latitude: 34° 04' 50", Longitude: 118° 22' 30"). Discharges from the storm drain flows into Rio Hondo, thence into the Los Angeles River, a water of the United States. The site location map is shown in Figure 1.

**APPLICABLE EFFLUENT LIMITATIONS**

Based on the information provided in the NPDES Application Supplemental Requirements, and self monitoring reports, copper and mercury showed reasonable potential to exist in the discharge. Therefore, effluent limitations have been incorporated for the above-mentioned constituents. The discharge from the facility flows into the Rio Hondo (upstream of Whittier Narrows Flood Control Basin), that has designated beneficial use of MUN (Potential). The effluent limitations in Attachment B.7.g. are applicable to your discharge.

August 11, 2005

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	150	
Nitrogen <sup>1</sup>	mg/L	8	
Copper	mg/L	33.3	16.6
Mercury	µg/L	0.1	0.05 <sup>2</sup>
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
Settable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	
Residual Chlorine	mg/L	0.1	
Methylene Blue Active Substances (MBAS)	mg/L	0.5	

**FREQUENCY OF DISCHARGE:**

The discharge of wastewater will be intermittent.

**REUSE OF WATER:**

Offsite disposal of wastewater is not feasible due to high cost of disposal. The vicinity has no landscaped areas that require irrigation. Since there are no feasible reuse options, the wastewater will be discharged to the storm drain.

<sup>1</sup> Nitrate-nitrogen plus nitrite-nitrogen

<sup>2</sup> If reported detection level is greater than the effluent limit for this constituent, then a non-detect using ML detection is deemed to be in compliance.