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
CARRIER CORPORATION
(FORMER CARRIER FACILITY)

NPDES NO. CAG994004
CI-7786

FACILITY ADDRESS	**FACILITY MAILING ADDRESS**
931 S. Azusa Avenue City of Industry, California	17770 Cartwright Road, Suite 500 Irvine, CA 92614

PROJECT DESCRIPTION:

Carrier Corporation discharges wastewater from a groundwater cleanup project located at 931 South Azusa Avenue, City of Industry, California. The soil and groundwater beneath the site are impacted with volatile organic compounds (VOCs). Remediation of the impacted soil and groundwater is ongoing at the facility. Prior to discharge, the VOCs from groundwater are removed by passing it through air strippers.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1.152 million gallons per day of treated groundwater will be discharged into the storm water catch basin located at 16950 East Chestnut Street (Latitude: 34° 00' 28", Longitude: 117° 56' 01"). The discharge flows to San Jose Creek, thence to the San Gabriel River, a water of the United States. The site location map and flow schematic diagram are shown in Figures 1 and 2, respectively.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements and previous monitoring reports, the following constituents listed in the table below have been determined to show reasonable potential to exist in your discharge. The discharge of treated groundwater flows into the San Jose Creek, downstream of 71 Freeway, thence to San Gabriel River. This stream reach of the San Jose Creek is designated as MUN (Potential) beneficial use. The discharge of groundwater satisfies the provisions for creekside construction dewatering operations in Order R4-2003-0111. Therefore, Attachment B.8.d. of the Order is not applicable to your discharge except for boron and nitrogen.

The table below lists the effluent limits applicable to your discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Nitrogen[1]	mg/L	8	-
Boron	mg/L	1	-
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			
1,1,2-trichloroethane	µg/L	5	
1,1,1-trichloroethane	µg/L	200	
1,1-dichloroethane	µg/L	5	
1,1-dichloroethylene	µg/L	6	3.2
1,2-trans-dichloroethylene	µg/L	10	
Methylene chloride	µg/L	3,200	1,600
Tetrachloroethylene	µg/L	5.0	
Trichloroethylene	µg/L	5.0	
Vinyl chloride	µg/L	0.5	

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be continuous.

REUSE OF WATER:

Offsite disposal of treated waste is not feasible due to high cost of disposal. Discharge to the sewer is not feasible because of inaccessibility and the high cost of sewer connection. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.

[1] Nitrate-nitrogen plus nitrite nitrogen.