

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles
FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
UNIVAR USA INC.
(Former Vopak USA Inc. Facility)
(NPDES NO. CAG914001, SERIES NO. 58)
CI-8315

FACILITY LOCATION

4256 Noakes Street
Commerce, CA 90040

FACILITY MAILING ADDRESS

32131 Steven Way
Conifer, CO 80465

PROJECT DESCRIPTION

Univar USA Inc. (Univar) operates a groundwater treatment system at 4256 Noakes Street, Commerce (See Figure 1 for the site location). The primary contaminants at the site are 1,1-Dichloroethene, Carbon Tetrachloride, Tetrachloroethene, Trichloroethene, and 1,4-Dioxane. The treatment system includes bag filters, air stripping unit, advanced oxidation process with UV-Hydrogen Peroxide, and two granulated activated carbon (GAC) vessels in series to polish the treated groundwater (See Figure 2 for treatment process). The treated groundwater from the site is discharged under the General NPDES Permit CAG914001, Order No. R4-2002-0107. On June 5, 2007, Univar completed the Notice of Intent Form to continue enrollment under the General NPDES permit. Order No. R4-2007-0022 supersedes Order No. R4-2002-0107 and continues the facility's enrollment under the General NPDES Permit.

VOLUME AND DESCRIPTION OF DISCHARGE

Approximately 72,000 gallons per day of treated groundwater is discharged from the facility to Discharge Point 1 (Latitude 34°00'46", Longitude 118°10'52"). The discharge flows into a nearby storm drain, thence into the Los Angeles River, a water of the United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The receiving waterbody for the discharge, the Los Angeles River, has a designated beneficial use of MUN (Potential). Further, the discharge limitations specified in Attachment B.7.e. are applicable to this discharge.

August 15, 2007

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
Total Dissolved Solids	mg/L	1550	---
Sulfate	mg/L	350	---
Chloride	mg/L	150	---
Nitrogen*	mg/L	8.0	---
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Volatile organic Compounds			
1,1-Dichloroethylene	µg/L	0.057	---
Carbon Tetrachloride	µg/L	0.25	---
Trichloroethylene	µg/L	2.7	---
Tetrachloroethylene	µg/L	0.8	---
1,4-Dioxane	µg/L	3.0	---

*Nitrate-nitrogen + Nitrite-nitrogen

FREQUENCY OF DISCHARGE

The discharge of groundwater will be continuous until the cleanup project is completed.

REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. Due to the large volume of groundwater that will be generated, it is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the discharge. Therefore, the treated groundwater will be discharged to the storm drain in compliance with the requirements of the attached order.



