

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
PLAYA CAPITAL COMPANY, LLC
(Playa Vista Site)
(NPDES NO. CAG914001)

FACILITY LOCATION

6775 Centinela Avenue
Los Angeles, CA 90094

FACILITY MAILING ADDRESS

5510 Lincoln Blvd.
Playa Vista, CA 90094

PROJECT DESCRIPTION

Playa Capital Company, LLC (Discharger) operates a groundwater treatment system at 6775 Centinela Avenue, Los Angeles (See Figure 1 for the site location). The primary contaminants at the site are 1,1-Dichloroethane, 1,1-Dichloroethylene, Vinyl Chloride, Trichloroethene, and 1,4-Dioxane. The treatment system includes bag filters, advanced oxidation process with ozone and hydrogen peroxide, air stripping unit, zeolite resin tank, and liquid phase activated carbon vessel 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 July 17, 2007, Discharger submitted a complete 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 500,000 gallons per day of treated groundwater is discharged from the facility to following Discharge Points:

<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Receiving Waterbody</u>
Discharge Point 1	33°58'57"	118°23'49"	Centinela Creek
Discharge Point 2	33°58'15"	118°25'30"	Fresh Water Marsh
Discharge Point 3	33°57'58"	118°25'32"	Fresh Water Marsh

The discharge to Centinela Creek and Fresh Water Marsh drain to Ballona Creek, 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, Ballona Creek has a designated beneficial use of MUN (Potential). Further, the discharge limitations specified in Attachment B of Order No. R4-2007-0022 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	---
Volatile organic Compounds			
1,1-Dichloroethane	µg/L	5.0	---
1,1-Dichloroethylene	µg/L	0.057	---
1,1,1-Trichloroethane	µg/L	200	---
Trichloroethylene	µg/L	2.7	---
Tetrachloroethylene	µg/L	0.8	---
Vinyl Chloride	µg/L	0.5	---
1,4-Dioxane	µg/L	3.0	---
Total Petroleum Hydrocarbons	µg/L	100	---
Benzene	µg/L	1.0	---
Toluene	µg/L	150	---
Xylenes	µg/L	1750	---
Ethylbenzene	µg/L	700	---

FREQUENCY OF DISCHARGE

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

REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. There are no other feasible reuse options for the discharge. Therefore, the treated groundwater will be discharged to the creek in compliance with the requirements of the attached order.

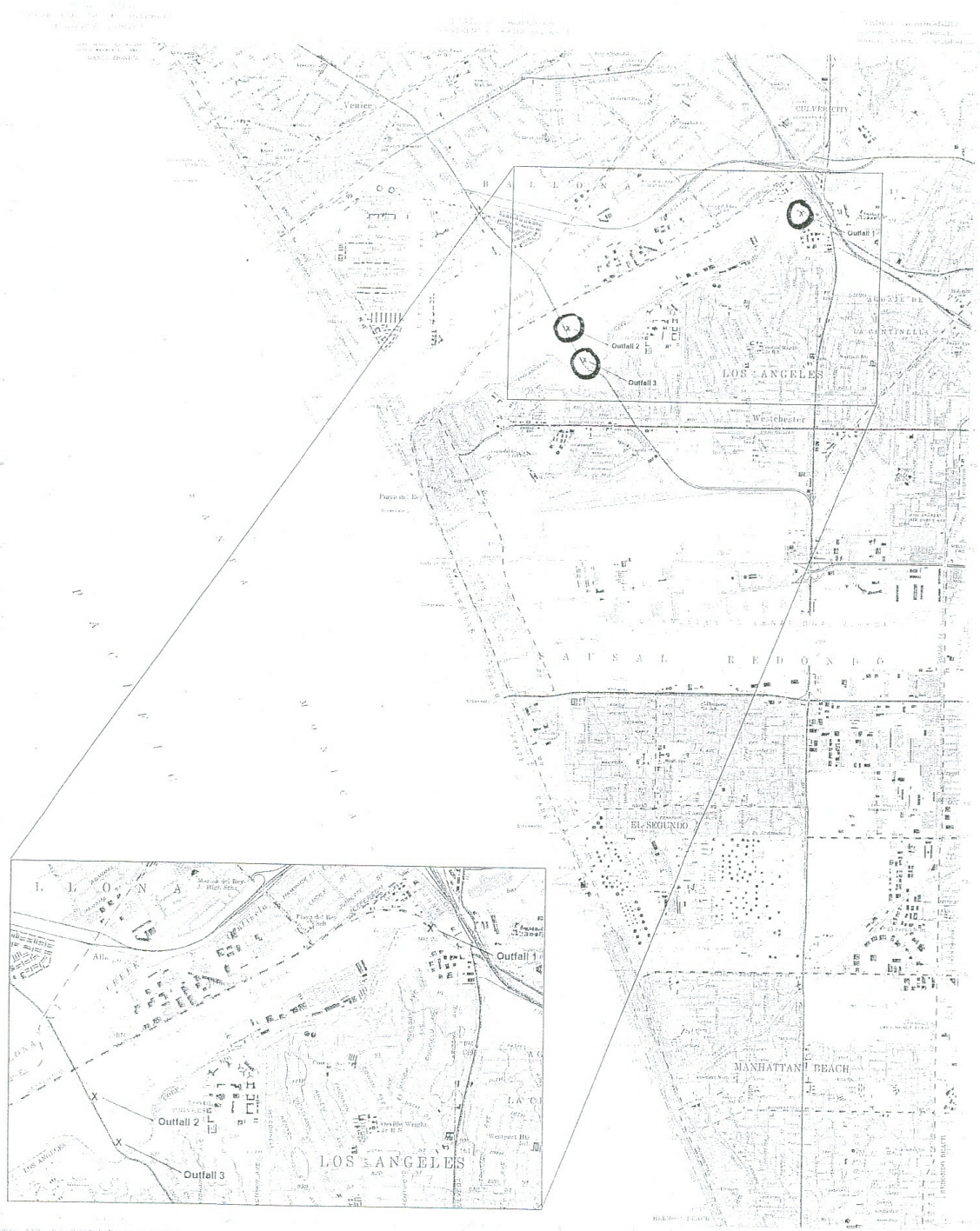


FIGURE 1

Playa Vista Campus Water Treatment Unit
Flow Diagram

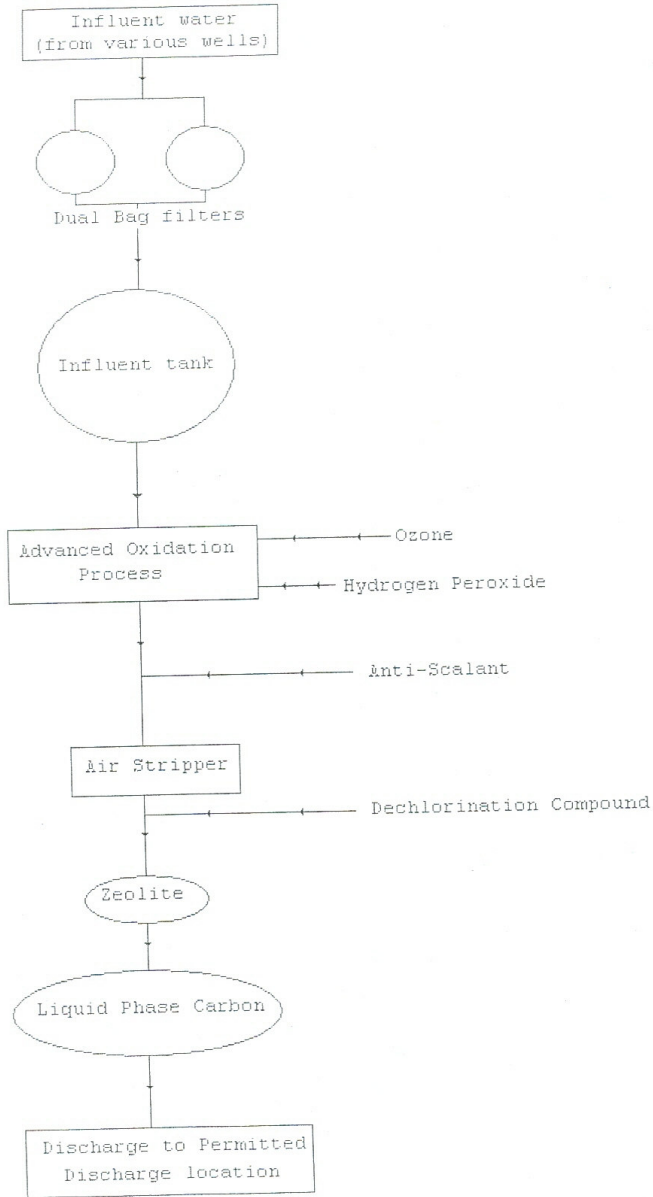


FIGURE 2