

**State of California**  
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**LOS ANGELES REGION**  
**320 West 4th Street, Suite 200, Los Angeles**  
**REVISED 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**

6500 Seabluff Drive  
Playa Vista, CA 90094

**PROJECT DESCRIPTION**

Playa Capital Company, LLC (Playa) 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 volatile organic compounds 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. The treated groundwater from the site is discharged under the General NPDES Permit CAG914001, Order No. R4-2007-0022. The treated groundwater is directed by a valve to existing discharge points M-001 and/or M-002. On November 6, 2008, Playa submitted a request to reroute the treated groundwater discharge line that currently discharges to the existing discharge point M-002 through a proposed recreational Water Feature. Discharge from the Water Feature ultimately drains to the existing discharge point M-002. A two-way valve will be installed in the existing treated water discharge line. This valve will direct treated groundwater to the Water Feature. Should an exceedence be detected from the sampling station, this valve will shut off treated groundwater flow to the Water Feature. The flow to the Water Feature will resume after corrective measures and testing show fully compliance with the order.

Two compliance sampling stations M-002A and M-002B have been designated for the discharge from the facility to Discharge Point M-002, a freshwater marsh which drains to Ballona Creek. (See Figure 3) Compliance sampling station M-002A monitors the effluent quality from the groundwater treatment system prior to conveyance through a pipeline to the inlet of the Water Feature. After circulation through the Water Feature, the discharge flows to compliance sampling station M-002B to monitor for any pollutants that may be introduced in the Water Feature. M-002B is located at the Water Feature outlet. In addition to sampling at M-002A and M-002B, Playa continues to sample the marsh as required in their 401 Water Quality Certification.

February 9, 2009

**VOLUME AND DESCRIPTION OF DISCHARGE**

Approximately 500,000 gallons per day of treated groundwater is discharged from the facility to following Discharge Points:

<u>Discharge Point</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Receiving Waterbody</u>
M-001	33°58'57"	118°23'49"	Centinela Creek
M-002	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. The Discharge Points location and treatment process waste flow are shown as Figures 2 and 3, respectively.

**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). Therefore, the discharge limitations specified in Attachment B of Order No. R4-2007-0022 are not applicable to this discharge.

Table 1, below lists the specific constituents and limitations applicable to the effluent from the groundwater treatment system before it flows to the Water Feature. (Sampling Station M-002A)

<b>Constituents</b>	<b>Units</b>	<b>Discharge Limitations</b>	
		<b>Daily Maximum</b>	<b>Monthly Average</b>
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
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
<b>Volatile organic Compounds</b>			
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	---

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Benzene	µg/L	1.0	---
Toluene	µg/L	150	---
Xylenes	µg/L	1750	---
Ethylbenzene	µg/L	700	---

Table 2, below lists the specific constituents and limitations applicable to the effluent from the Water Feature before it flows to the Discharge Point M-002. (Sampling Station M-002B)

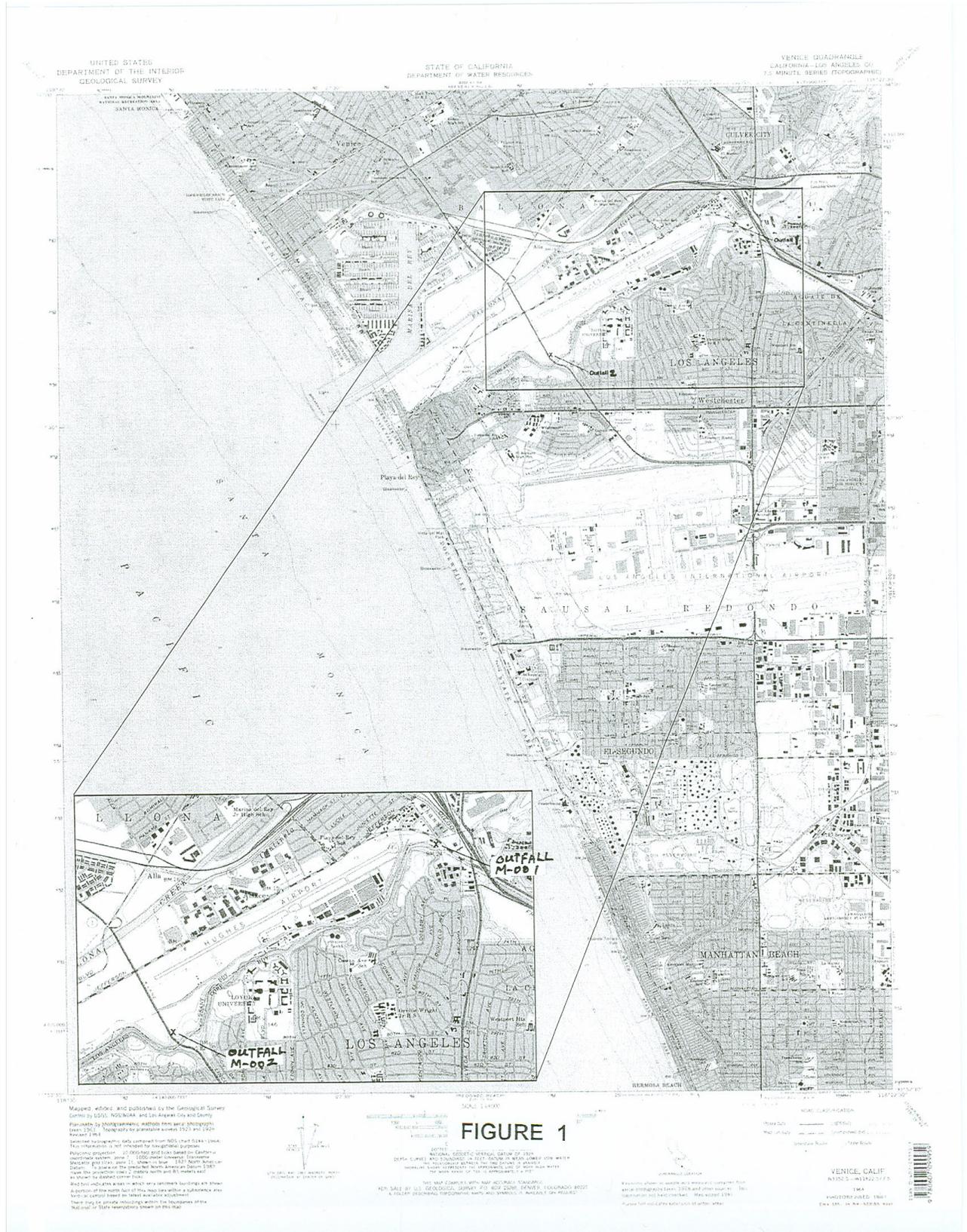
Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
BOD <sub>5</sub> 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Fecal coliform	MPN/100ml	---	Log mean of 200/100ml

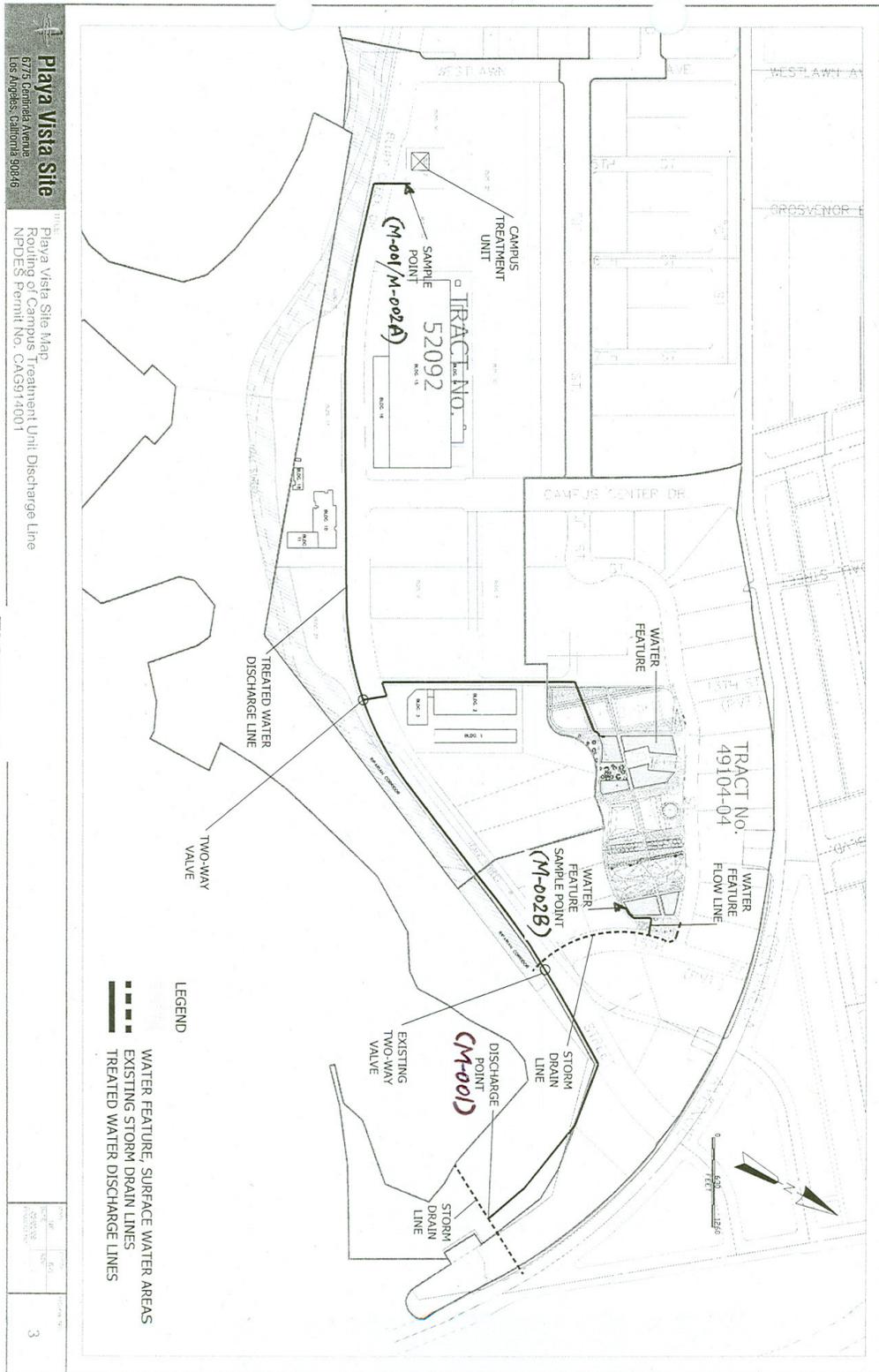
#### FREQUENCY OF DISCHARGE

The discharge of groundwater is continuous.

#### REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. Due to the large volume of treated groundwater that will be generated, it is not feasible to discharge the wastewater to the sanitary sewer system. 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.





Playa Vista Campus Water Treatment Unit  
Flow Diagram

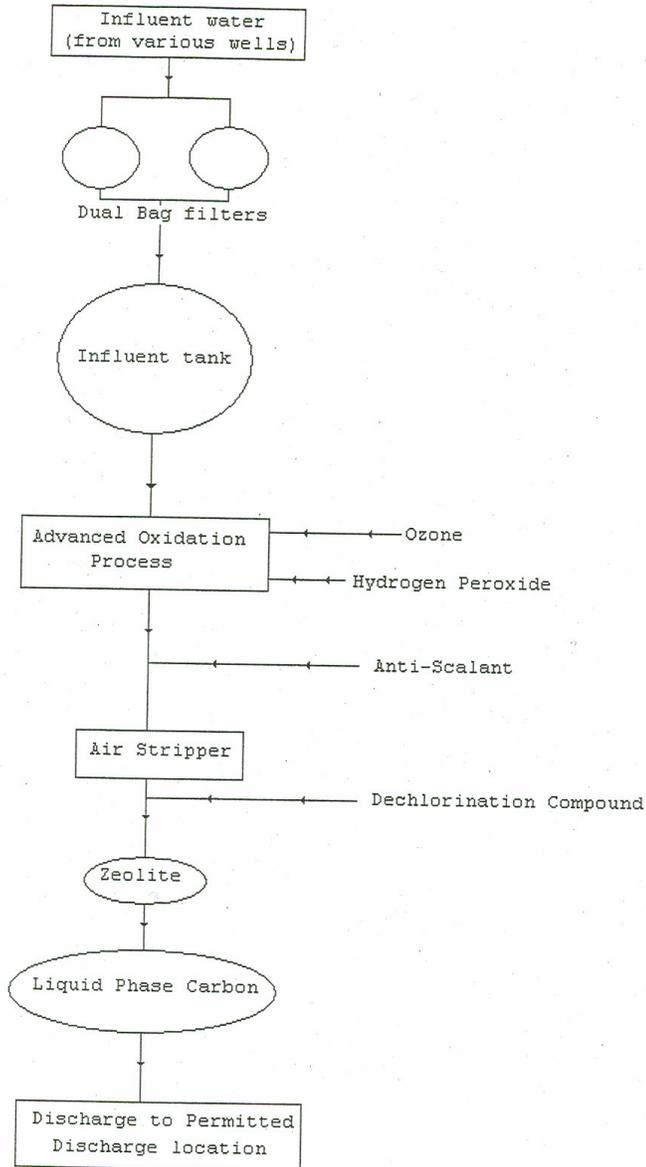


FIGURE 3