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
CEDARS-SINAI MEDICAL CENTER
(Advanced Health Sciences Pavilion Project)
NPDES NO. CAG994004
CI-9461

FACILITY LOCATION
127 S. San Vicente Boulevard
Los Angeles, CA 90048

FACILITY MAILING ADDRESS
8700 Beverly Boulevard
Los Angeles, CA 90048

PROJECT DESCRIPTION

Cedars-Sinai Medical Center (Cedars-Sinai) proposes to construct the Advanced Health Sciences Pavillion with subterranean parking building at 127 South San Vicente Boulevard, Los Angeles, California. Dewatering is anticipated during and after the construction project. Pumped groundwater will be stored in two settling tanks before passing through sand filter unit and bag filter system. Then the groundwater will be passed through a series of granular activated carbon units to remove total petroleum hydrocarbons (TPH) and other organics. Additional ion-exchange filtration system will be used to remove heavy metals. The treated groundwater will be tested prior to discharge to the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 576,000 gpd of treated groundwater will be discharged to a local storm drain at Latitude 34°04'39", Longitude 118°22'51", which drains to the Ballona Creek, a water of the United States. The site location map and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The treated groundwater discharged from the project site flows into the Ballona Creek. Therefore, discharge limitations under "Other Water" column in Part V.1.Table 1, Table 2, and Table 6 of the Order applies. In addition, the limitations specified in Attachment B of Order No. R4-2008-0032 are not applicable to the discharge.

October 30, 2008

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	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Total Petroleum Hydrocarbons	µg/L	100	---
Acetone	µg/L	700	---
Methyl ethyl ketone (2-Butanone)	µg/L	700	---
Copper	µg/L	24	12.5
Selenium	µg/L	5.0	2.5

FREQUENCY OF DISCHARGE

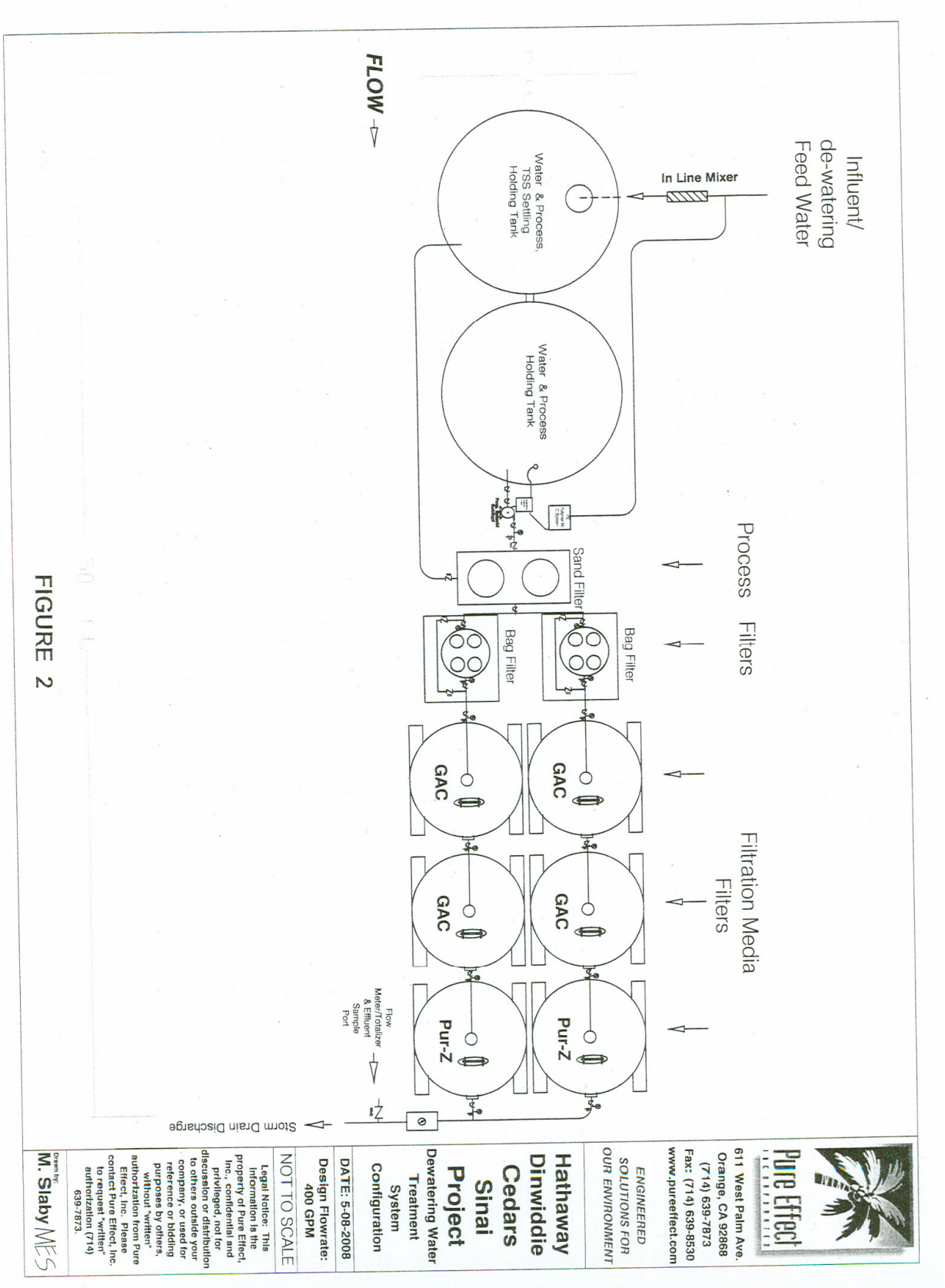
The discharge of groundwater will be continuous during and after the construction project.

REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. 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.


TOPO MAP Cedars-Sinai Medical Center Advanced Health Sciences Pavilion Los Angeles CAProject 10-09-2008
SITE
BEVERLY HILLS CORP BDY
DOHENY DRIVE
WEST HOLLYWOOD
LOS ANGELES CORP BDY
LA BREA
LOS ANGELES
CIENEGA
BLVD
WILLAMAN
Temple Emanuel
Beverly Hills
RAILROAD
West Hollywood Park
ORLANDO
SWEETZER
OAKWOOD
FIRST
JOLLA
HEIGHTS
EDINBURGH
CLINTON
WARING
Rosewood Ave Sch
Laurel Sch
USGS

FIGURE 1


Influent/
de-watering
Feed Water
In Line Mixer
Water & Process
TSS Settling
Holding Tank
Water & Process
Holding Tank
Process Filters
Filtration Media
Filters
Sand Filter
Bag Filter
Bag Filter
GAC
GAC
GAC
GAC
Pur-Z
Pur-Z
Flow
Meter/Totalizer
& Effluent
Sample
Port
Storm Drain Discharge
FLOW
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Treatment
System
Configuration
DATE: 5-08-2008
Design Flowrate:
400 GPM
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FIGURE 2