

**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**  
**WL HOMES LLC dba JOHN LAING HOMES**  
**(Element Construction Project)**  
**NPDES NO. CAG994004**  
**CI-9141**

**FACILITY LOCATION**

4141 Glencoe Avenue  
Marina Del Rey, CA 90292

**FACILITY MAILING ADDRESS**

5805 Sepulveda Blvd., #800  
Van Nuys, CA 91411

**PROJECT DESCRIPTION**

WL Homes LLC dba John Laing Homes (Homes LLC) is constructing a condominium and retail complex at 4141 Glencoe Avenue, Marina Del Rey. Homes LLC proposes to install underground clarifiers below the building foundation. Dewatering is anticipated during the installation project. Up to 180,000 gallons per day (gpd) of treated groundwater will be discharged during the short-term construction project that will be completed within a month. Desilting tanks will be installed to allow sediment to settle out. The groundwater will be passed through a mechanical filtration system to remove suspended solids. The groundwater will then be treated by passing it through a series of granular activated carbon units to remove total petroleum hydrocarbons (TPH) and volatile organic hydrocarbons, if any. The treated groundwater will be tested prior to discharge to the storm drain.

**VOLUME AND DESCRIPTION OF DISCHARGE**

It is estimated that up to 180,000 mgd of treated groundwater will be discharged to a local storm drain at Latitude 33°59'22", Longitude 118°26'33", which flows to a miscellaneous coastal stream then to the Pacific Ocean, 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 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 miscellaneous coastal stream. Therefore, discharge limitations under "Other Water" column in Part E.1.a. of the Order applies. In addition, the limitations specified in Attachment B of Order No. R4-2003-0111 are not applicable to the discharge.

July 28, 2006

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 <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	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Total Petroleum Hydrocarbons	µg/L	100	---
Tetrachloroethylene	µg/L	5.0	---
Trichloroethylene	µg/L	5.0	---

#### FREQUENCY OF DISCHARGE

The discharge of groundwater will be continuous for approximately one month.

#### 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 in a short duration, 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.



FIGURE 1

 <p><b>Pure Effect</b>                  6111 West Palm Ave.                  Orange, CA 92668                  (714) 639-7873                  Fax: (714) 639-8530                  www.pureeffect.com</p>	<p>ENGINEERED                  SOLUTIONS FOR                  OUR ENVIRONMENT</p>	<p><b>COURTY/                  GLENCOE</b>                  Project                  Venice, CA</p>	<p>Dewatering                  Water                  Treatment                  System                  Configuration</p>	<p>DATE: 7-13-2006</p>
				<p>Design Flow Rate                  125 gpm</p>

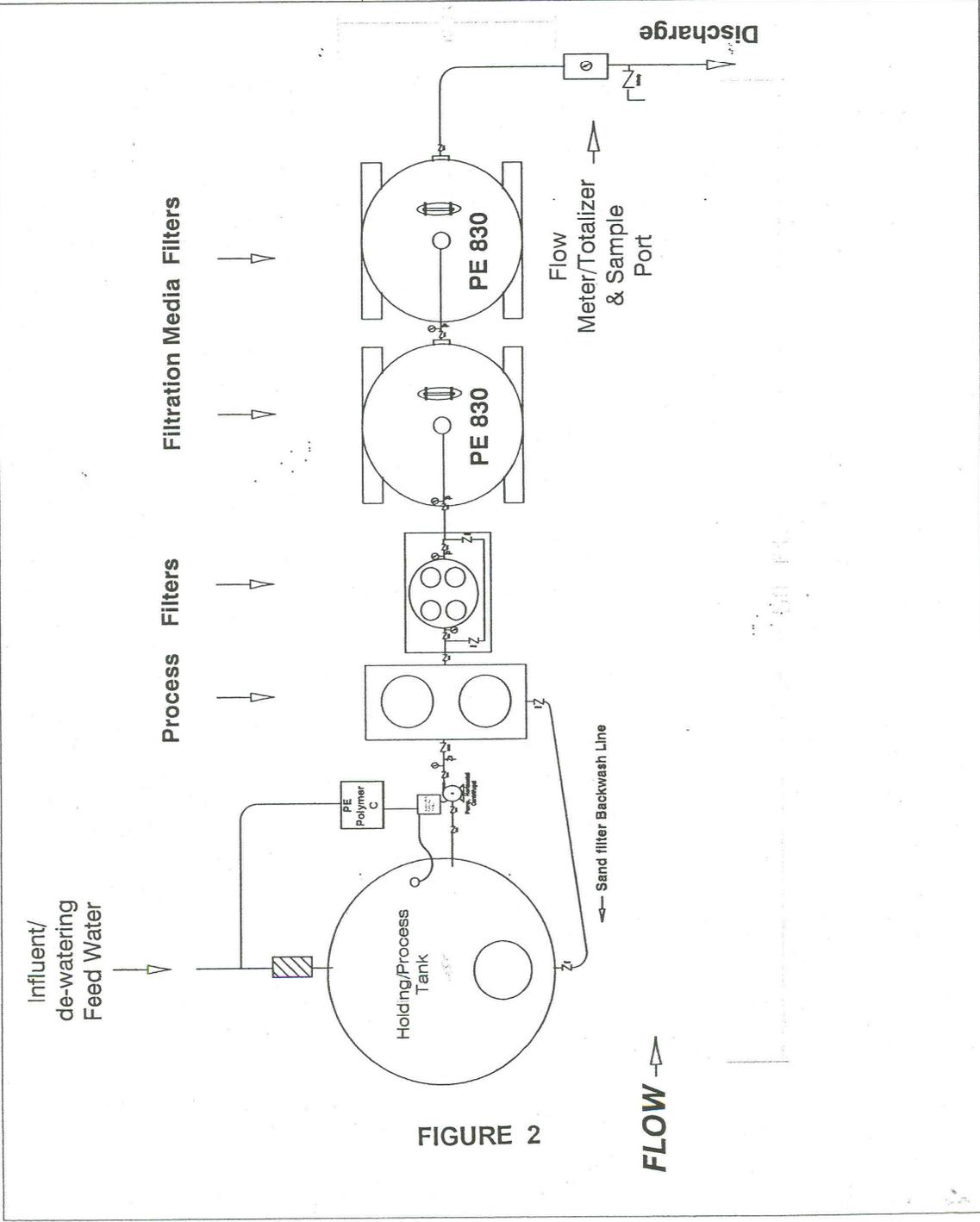


FIGURE 2

**NOT TO SCALE**

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Drawn by:  
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