

**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**  
**KINDER MORGAN LIQUID TERMINALS, LLC**  
**(Gaffey Street Terminal Remediation Project)**  
**NPDES NO. CAG994004**  
**CI-9194**

**FACILITY LOCATION**

1313 & 1363 N. Gaffey Street  
San Pedro, CA 90731

**FACILITY MAILING ADDRESS**

370 Van Gordon Street  
Lakewood, CO 80228-8304

**PROJECT DESCRIPTION**

Kinder Morgan (Discharger) operates a groundwater treatment system at 1313 & 1363 Gaffey Street, San Pedro (See Figure 1 for the site location). The primary contaminants in groundwater at the site include total petroleum hydrocarbons, benzene, ethylbenzene, and heavy metals. Up to 0.45 million gallons per day (mgd) of treated groundwater will be discharged during the remediation project. The treatment system consists of oil/water separation tanks, process filters, and granulated activated carbon (GAC) vessels connected in series to remove organic compounds. Additional filtration system with resins will be used to remove heavy metals (See Figure 2 for treatment process flow diagram). This Fact Sheet is being revised to change the outfall location from an on-site drain inlet to a storm drain which is located adjacent to the northwest corner of the site. The modification is necessary due to logistics associated with proposed site remediation activities. All other permit requirements remain the same. The treated groundwater will be tested prior to discharge to the storm drain.

**VOLUME AND DESCRIPTION OF DISCHARGE**

Up to 0.45 mgd of treated groundwater will be discharged from the site to a local storm drain at Latitude 33°45'28", Longitude 118°17'44"), which flows into a miscellaneous coastal stream then to the Los Angeles Inner Harbor, a water of the United States.

**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 flows into miscellaneous coastal stream. Therefore, discharge limitations under "Other Water" column in Part E.1.a. and c. of Order No. R4-2003-0111 apply to the discharge. The discharge limitations in Attachment B of Order No. R4-2003-0111 are not applicable to the discharge.

March 26, 2008

This Table lists the specific constituents and effluent limitations applicable to the discharge.

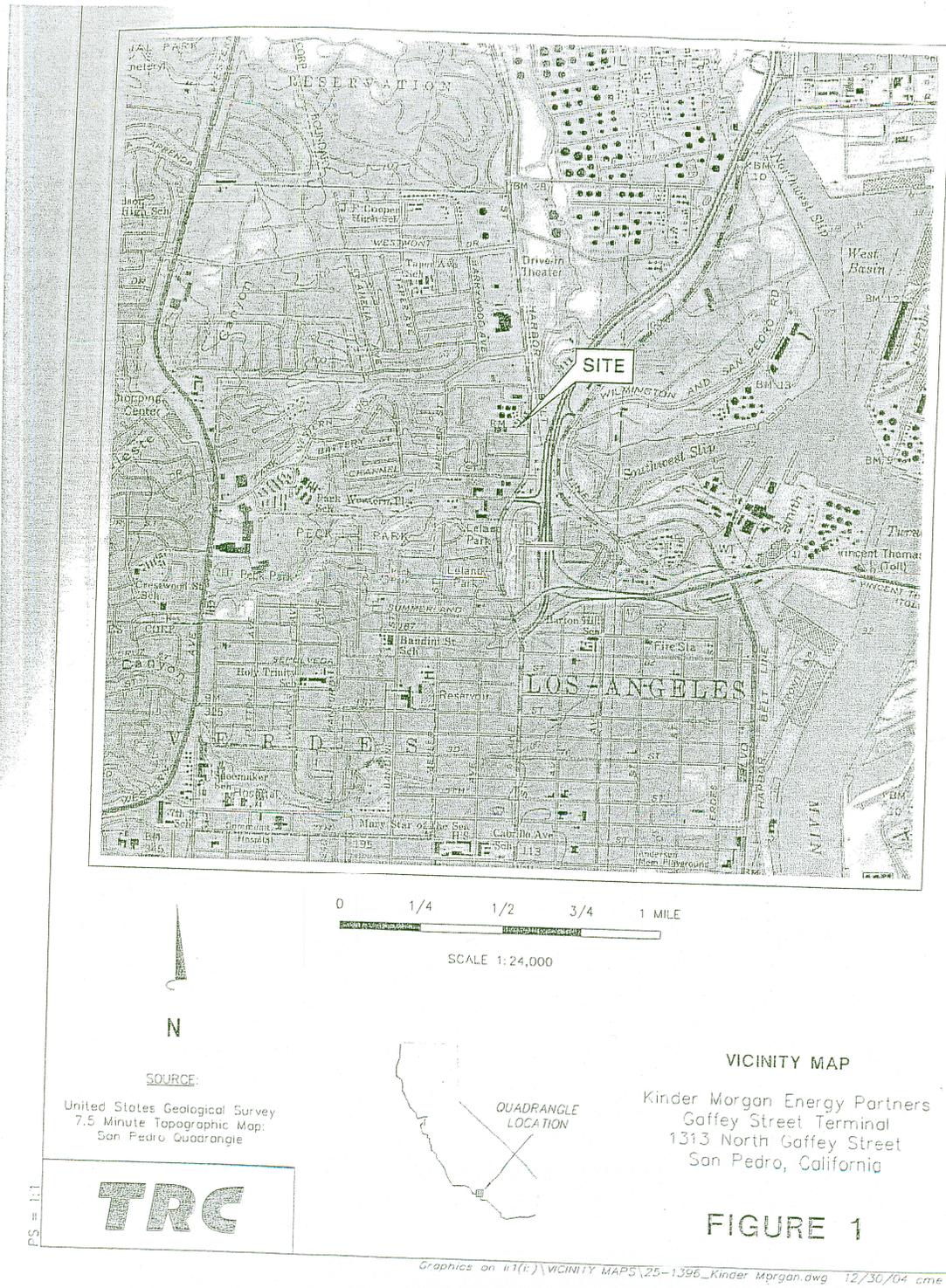
Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Total Petroleum Hydrocarbons	ug/L	100	---
Benzene	ug/L	1.0	---
Ethylbenzene	ug/L	700	---
Naphthalene	ug/L	21	---
Copper	ug/L	5.8	2.9
Lead	ug/L	14	7.0
Nickel	ug/L	14	6.7
Zinc	ug/L	95	47
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

### FREQUENCY OF DISCHARGE

The discharge of treated groundwater will be continuous for the duration of the remediation project.

### REUSE OF WATER

It is not economically feasible to haul all the wastewater to off-site disposal facility. 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. The property and the immediate vicinity have no landscaped areas that require irrigation using the groundwater. There are no other feasible reuse options for the discharge. Therefore, the treated wastewater will be discharged to the storm drain in compliance with the requirements of the attached order.



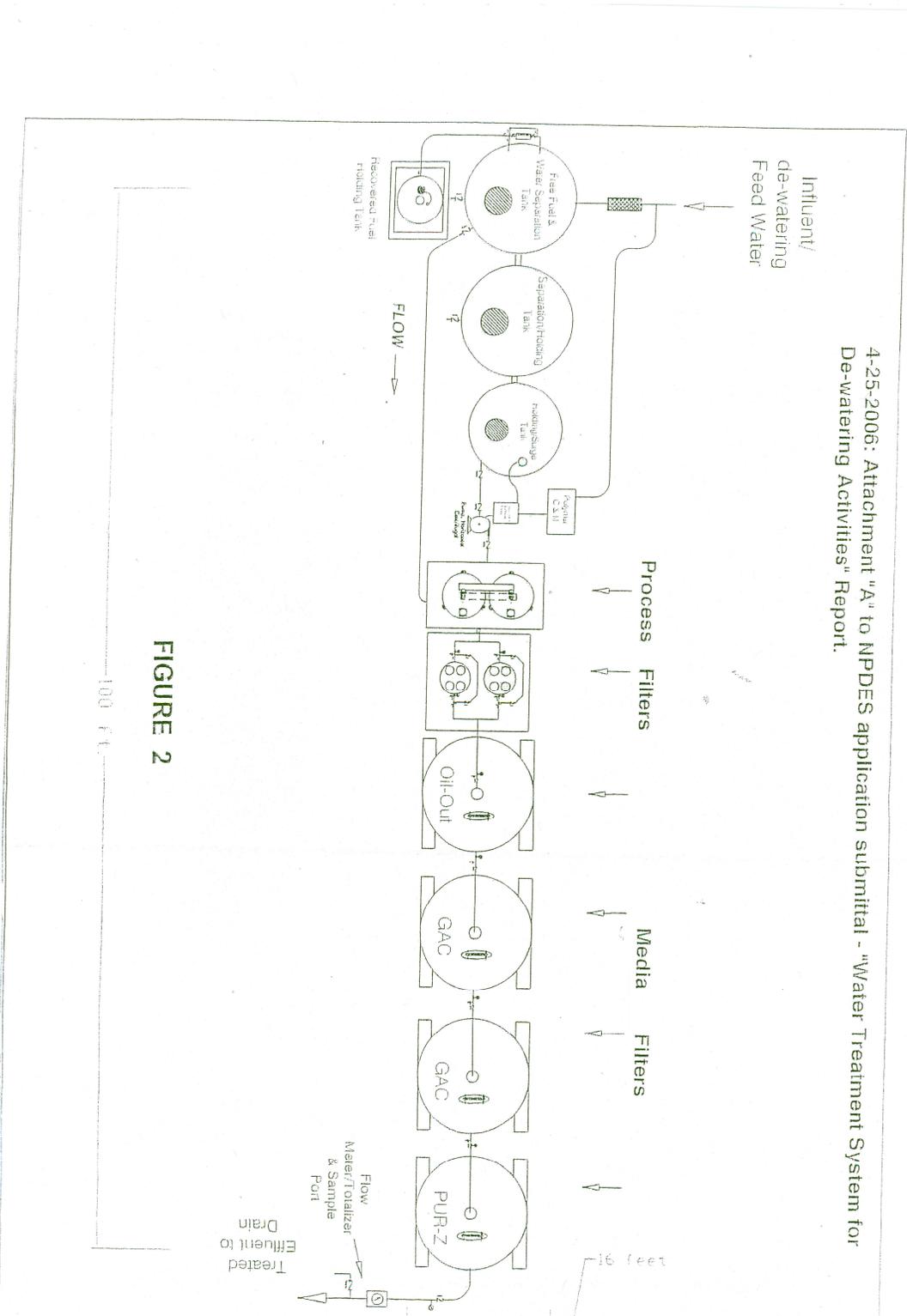


FIGURE 2

4-25-2006: Attachment "A" to NPDES application submittal - "Water Treatment System for De-watering Activities" Report.

 <p>611 West F          Orange, CA          (714) 631-          Fax: (714) 1          www.puree</p>	<p>ENGINE          SOLUTION,          OUR ENVIR</p>	<p>TRC          Kincaid          Morgan          Project          San Francisco          Water          Treatment          System</p>	<p>DATE 4-2          Design Firm          325 G          NOT TO SCALE          Legal Notice:          This drawing is the          property of the          engineer and is to be          used only for the          project and purpose          specified. No other          use, copying, or          reproduction is          authorized without          the written consent          of the engineer.          M. Slaby          04/25/06</p>
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