

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
OLEGARIO & MARIA ESTELA SANCHEZ
(Groundwater Remediation Project at 3152 E. Century Blvd., Lynwood)
NPDES NO. CAG994004
CI-9435

FACILITY LOCATION

3152 E. Century Boulevard
Lynwood, CA 90262

FACILITY MAILING ADDRESS

10721 Alexander Avenue
Lynwood, CA 90262

PROJECT DESCRIPTION

Mr. & Mrs. Olegario and Maria Estela Sanchez propose to conduct groundwater remediation project at 3152 East Century Boulevard, Lynwood, California. The primary contaminants in groundwater beneath the subject site include petroleum hydrocarbons, naphthalene, and heavy metals. The remediation project is under this Regional Board's oversight. Up to 17,280 gallons per day (gpd) of treated groundwater will be discharged during the remediation project. Extracted groundwater will be stored in tank(s) and passed through a series of granular activated carbon units to remove total petroleum hydrocarbons (TPH) and other organics. Filtration system with organoclay and bonechar 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 17,280 gpd of treated groundwater will be discharged to a local storm drain at Latitude 33°56'13", Longitude 118°12'59", which drains to the Los Angeles River, 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 Los Angeles River. Therefore, discharge limitations under "Other Water" column in Part V.1.a. and 1.b. of the Order applies. In addition, the limitations specified in Attachment B.7.d. of Order No. R4-2008-0032 are applicable to the discharge.

July 28, 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
Total Dissolved Solids	mg/L	1500	---
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	---
Sulfate	mg/L	350	---
Chloride	mg/L	190	---
Nitrogen*	mg/L	8.0	---
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	---
Benzene	µg/L	1.0	---
Ethylbenzene	µg/L	700	---
Toluene	µg/L	150	---
Xylenes	µg/L	1750	---
Naphthalene	µg/L	21	---
Arsenic	µg/L	10	---
Selenium	µg/L	8.0	4.0

* Nitrogen = Nitrate-nitrogen + Nitrite-nitrogen (NO₃ – N + NO₂ –N)

FREQUENCY OF DISCHARGE

The discharge of groundwater will be continuous for the duration of the remediation 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 Maps

<http://www.trails.com/topo.asp?lat=33.9368777777778&lon=-118...>

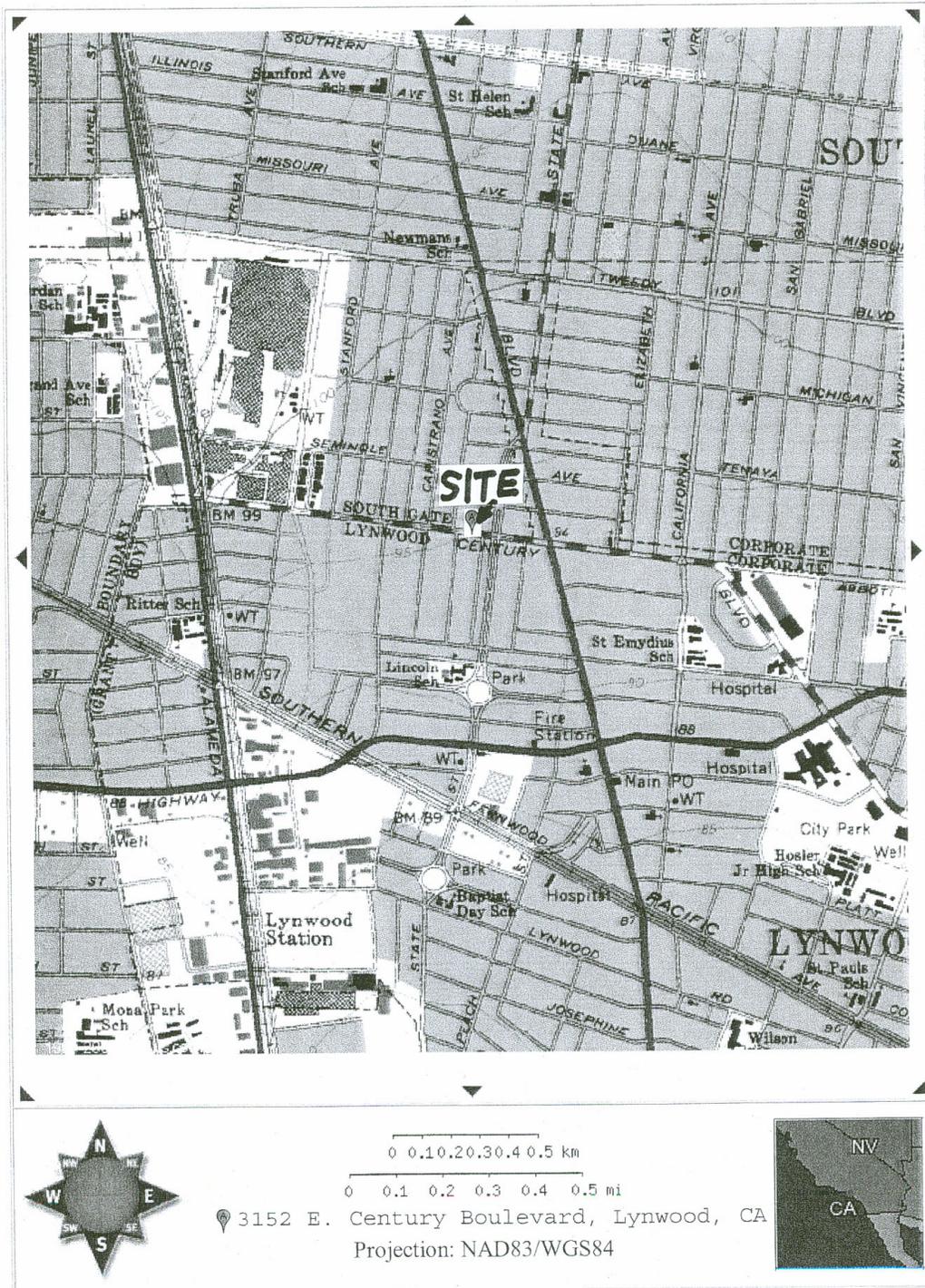


FIGURE 1

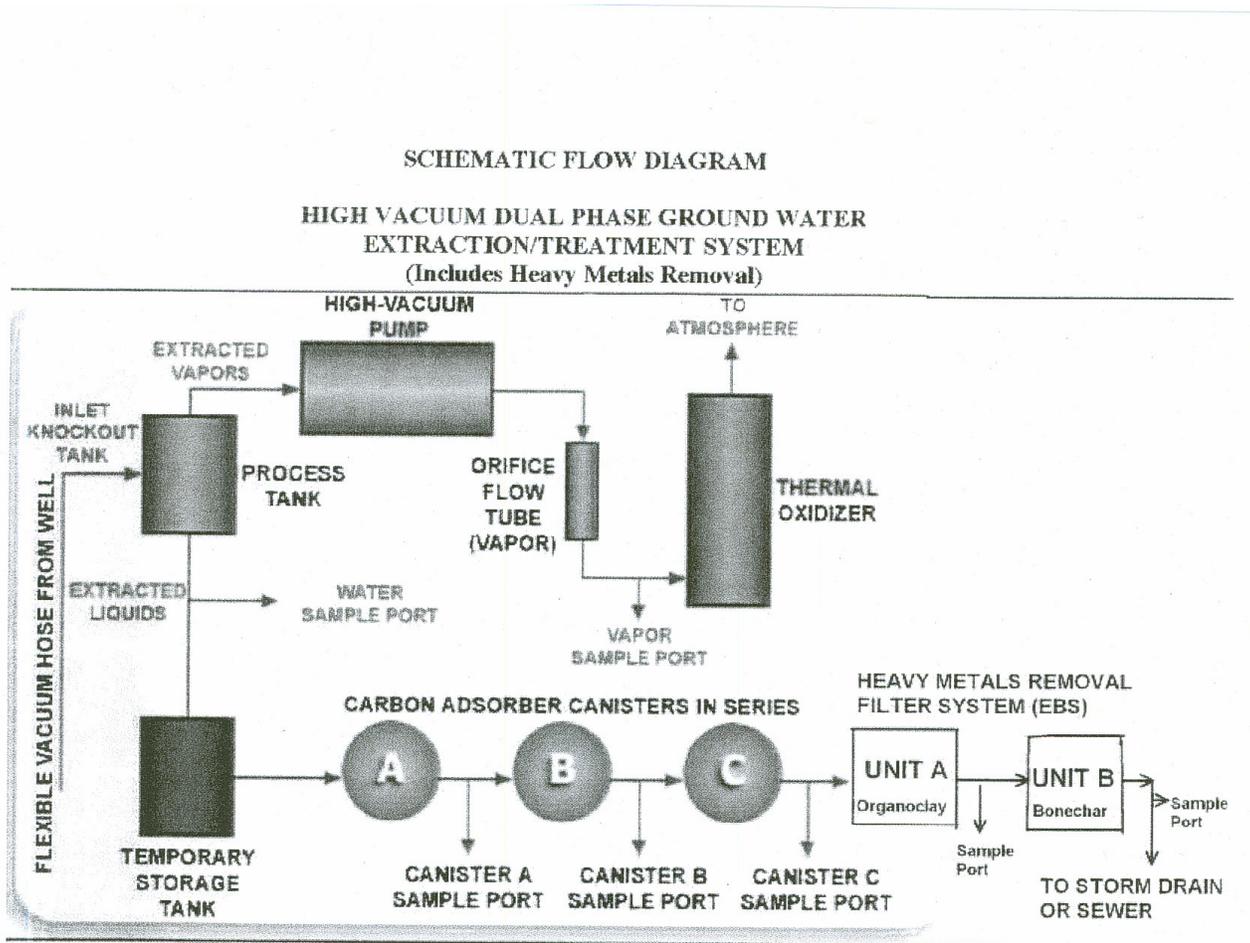


FIGURE 2