



KAPREALIAN ENGINEERING
INCORPORATED

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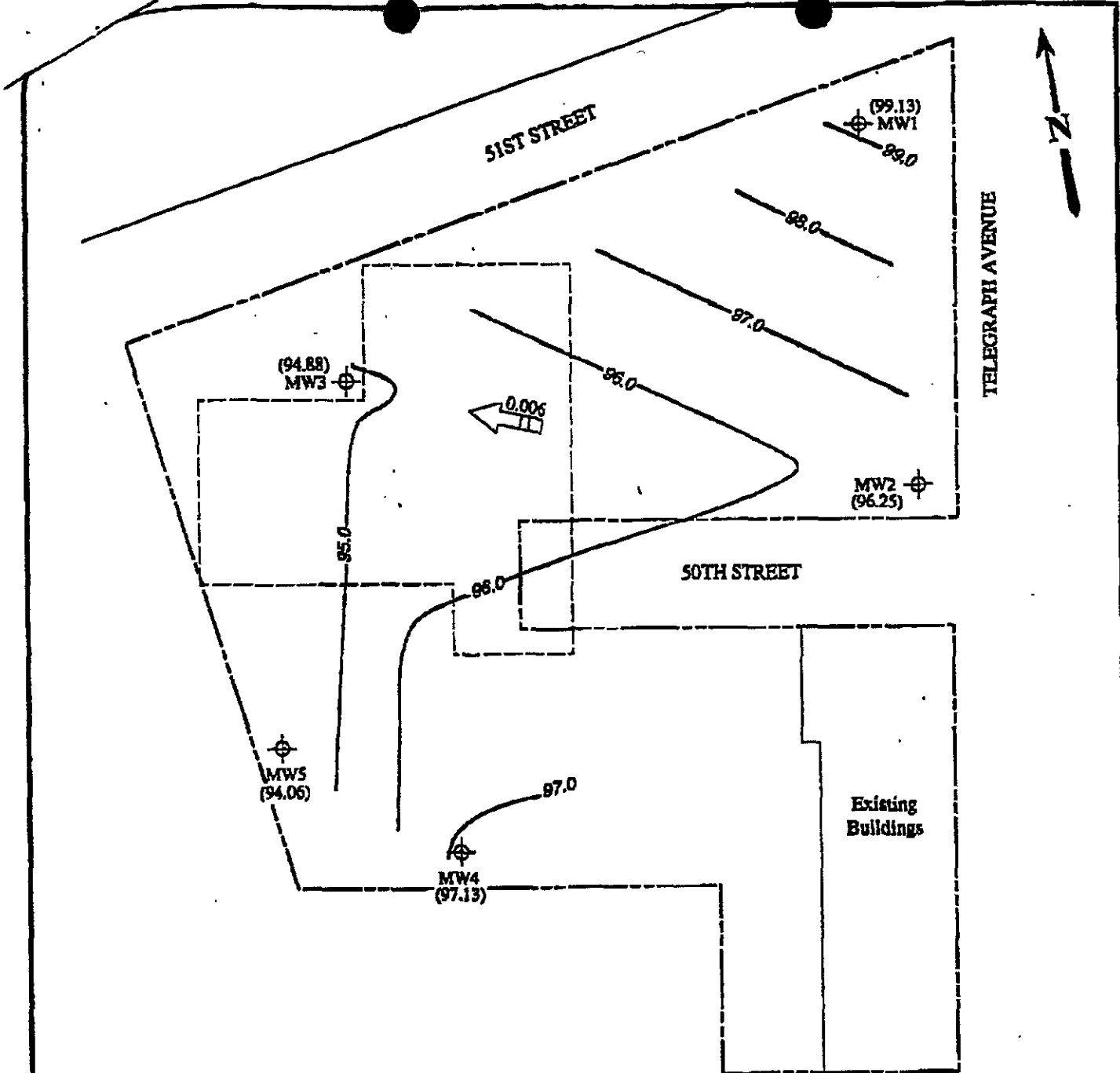
Number of pages (including cover): 4

SUBJECT: BERILEY LAND Co. - OAKLAND

ENCLOSED IS THE MOST RECENT
SAMPLE DATA. THE REPORT IS
IN-PROCESS. ALSO ENCLOSED IS A
COPY OF THE PREVIOUS GROUND WATER
FLOW MAP.

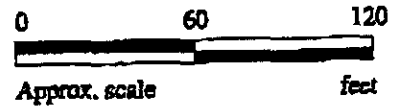
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2401 Stanwell Drive, Suite 400
Concord, CA 94520
Tel. 510/602-5100 Fax: 510/687-0602



LEGEND

- Monitoring well
- Ground water elevation in feet above Mean Sea Level
- Direction of ground water flow with approximate hydraulic gradient
- Contours of ground water elevation



Base map modified from an Advanced Soil Technology Inc. site plan

POTENTIOMETRIC SURFACE MAP FOR THE MAY 23, 1995 MONITORING EVENT



**BERKELEY LAND COMPANY
 51ST STREET & TELEGRAPH AVE.
 OAKLAND, CALIFORNIA**

**FIGURE
 1**

Berkeley Land Company
51st Street & Telegraph Avenue
Oakland, California

TABLE 1

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Sample Number	TOG	TPH as Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
8/24/95	MW1	ND	81♦✓	ND	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
9/8&18/95	MW3	ND	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
5/23/95	MW1	ND	100♦✓	ND	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
	MW3	ND	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
2/25/95	MW1	ND	81♦✓	ND	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
	MW3	ND	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
6/29/93	MW1*	ND	76♦✓	ND	ND	ND	ND
	MW2*	ND	ND	ND	ND	ND	ND
	MW3*	ND	ND	ND	ND	ND	ND
	MW4*	ND	ND	ND	ND	ND	ND
	MW5*	ND	ND	0.64	ND	ND	ND

♦ Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.

* TPH as diesel and all EPA method 8270 constituents were non-detectable.

ND = Non-detectable.

-- Indicates analysis was not performed.

Results are in micrograms per liter ($\mu\text{g/L}$), except for TOG, which is in milligrams per liter (mg/L).

Berkeley Land Company
 51st Street & Telegraph Avenue
 Oakland, California

TABLE 2

**SUMMARY OF LABORATORY ANALYSES
 WATER**

<u>Date</u>	<u>Sample Number</u>	<u>Chloroform</u>	<u>cis-1,2-Dichloroethene</u>	<u>Tetrachloroethene</u>	<u>Trichloroethene</u>	<u>Vinyl Chloride</u>
8/24/95 & 9/8&18/95	MW1	3.2	3.4	240	5.0	ND
	MW2*	15	ND	28	1.1	ND
	MW3*	0.78	5.1	50	9.0	ND
	MW4	2.4	ND	9.7	ND	ND
	MW5*	ND	17	49	11	ND
5/23/95	MW1	ND	ND	450	ND	ND
	MW2	ND	ND	45	ND	ND
	MW3	ND	5.1	74	9.1	ND
	MW4	ND	ND	8.8	ND	ND
	MW5	ND	16	58	11	ND
2/25/95	MW1	ND	ND	360	ND	ND
	MW2	ND	ND	41	1.9	ND
	MW3	ND	6.9	52	9.4	ND
	MW4	ND	ND	6.4	ND	ND
	MW5	ND	8.3	25	6.6	ND
6/29/93	MW1	ND	ND	250	ND	ND
	MW2	ND	ND	78	ND	ND
	MW3	ND	5.5	130	11	ND
	MW4	ND	ND	16	0.68	ND
	MW5	ND	24	17	5.9	3.0

All EPA method 8010 constituents were non-detectable, except for the above compounds.

ND = Non-detectable.

* Trans-1,2-Dichloroethene was detected in MW3 and MW5 at concentrations of 0.59 µg/L and 0.76 µg/L, respectively. 1,1,1-trichloroethane was 0.73 µg/L in MW2.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

KEI-P93-0603.R3
 February 8, 1996

TABLE 1
 SUMMARY OF LABORATORY ANALYSES
 SOIL

<u>Date</u>	<u>Sample</u>	<u>Depth (feet)</u>	<u>TPH as Kerosene</u>	<u>TPH as Motor Oil</u>	<u>TOG</u>	<u>TPH as Diesel</u>	<u>TPH as Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>
10/23/95	BT(8)	8.0 ^(ND)	1,500 [?]	00	570	ND	2,300* [?]	ND	ND	3.6	17
11/02/95	SW-1	13.0	ND 110 [?]	51	72	ND	140*	ND	1.0	1.1	3.5
	SW-2	13.0	23	13	ND	ND	9.7*	ND	ND	ND	0.14
	SW-3	13.0	3.6	67	ND	ND	3.0*	ND	0.013	0.017	0.061
	SW-4	13.0	22	12	ND	ND	62*	ND	0.40	0.46	1.4
11/03/95	SW-5	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/04/95	SW-6	17.0	77	ND	63	ND	170*	ND	ND	0.30	0.94
	SW-7	13.0	2.0	ND	ND	ND	3.2*	ND	ND	0.0085	0.025
	SW-8	14.0	19	60 [?]	340	ND	76*	ND	0.26	0.39	0.44

<u>Sample</u>	<u>EPA Method 8010 Constituents (µg/kg)</u>	<u>Cadmium</u>	<u>Chromium</u>	<u>Lead</u>	<u>Nickel</u>	<u>Zinc</u>
SW-1	ND	ND	24	10	28	39

* Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.
 ND = Non-detectable.

-- Indicates analysis was not performed.

Results are in milligrams per kilogram (mg/kg), unless otherwise indicated.

KEI-P93-0603.R3
 February 8, 1996

TABLE 2
 SUMMARY OF LABORATORY ANALYSES
 WATER

<u>Date</u>	<u>Sample</u>	<u>Depth to Water (feet)</u>	<u>TPH as Kerosene</u>	<u>TPH as Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Xylenes</u>	<u>TOG (mg/L)</u>
11/01/95	Water-E1	17.0	190	340	5.7	3.6	3.6	15	ND
11/04/95	Water-2	18.0	330	ND	ND	ND	ND	ND	ND

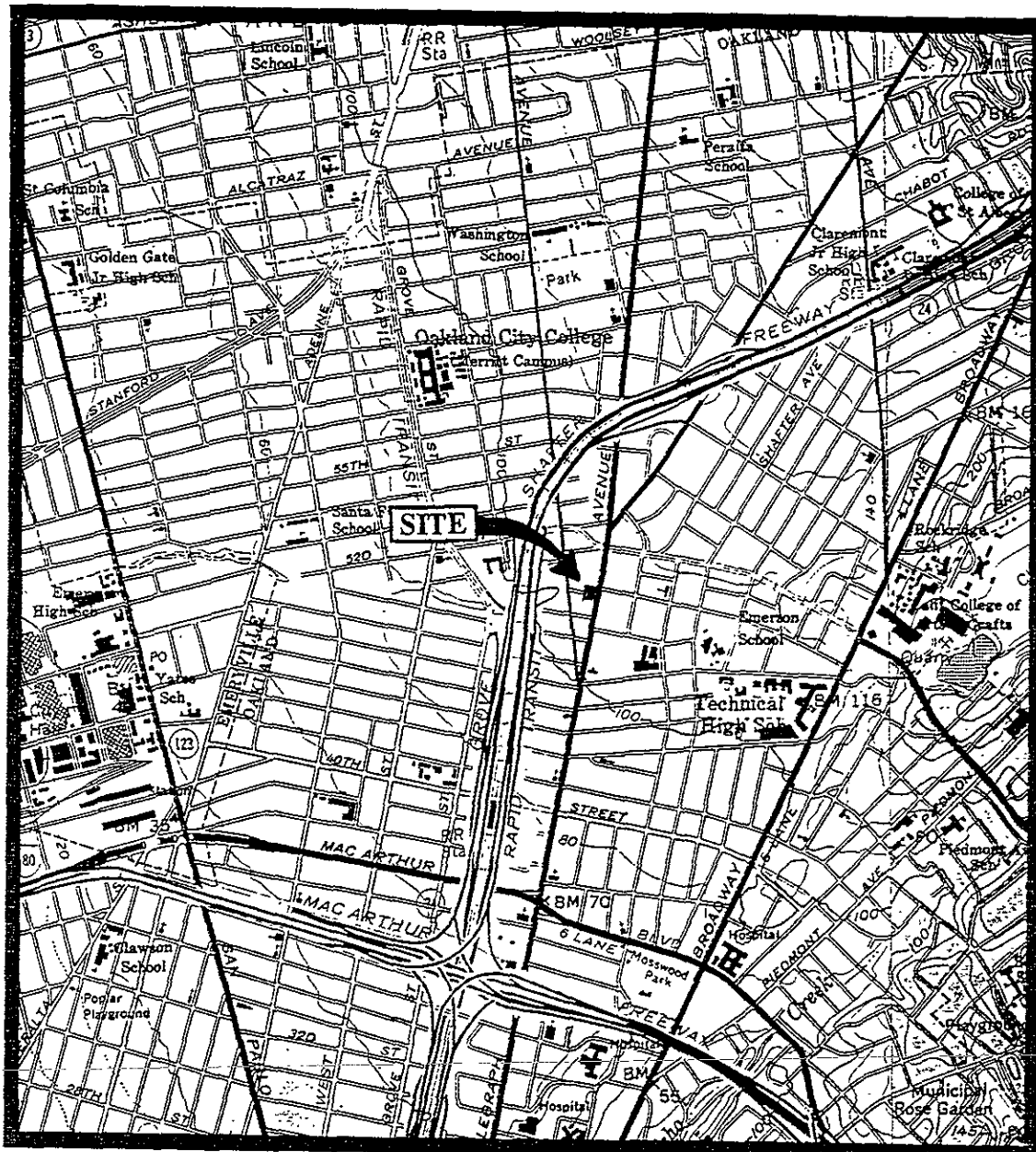
<u>Sample</u>	<u>TPH as Diesel</u>	<u>TPH as Motor Oil</u>	<u>Total Lead (mg/L)</u>	<u>Cadmium (mg/L)</u>	<u>Chromium (mg/L)</u>	<u>Nickel (mg/L)</u>	<u>Zinc (mg/L)</u>	<u>EPA Method 8010 Constituents</u>
Water E-1	ND	ND	ND	--	--	--	--	--
Water E-2	ND	ND	ND	ND	ND	ND	ND	ND*

* EPA method 8010 constituents were all non-detectable, except for bromodichloromethane, 2-chloroethylvinyl ether, chloroform, and dibromochloromethane, detected at 8.3 µg/L, 4.3 µg/L, 18 µg/L, and 1.3 µg/L, respectively.

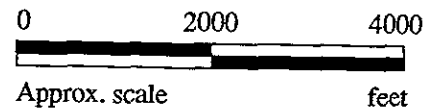
-- Indicates analysis was not performed.

ND = Non-detectable.

Results are in micrograms per liter (µg/L), unless otherwise indicated.



Base modified from 7.5 minute U.S.G.S. Oakland East and West Quadrangles
(both photorevised 1980)



KEE
KAPREALIAN ENGINEERING
INCORPORATED

BERKELEY LAND COMPANY
51ST STREET & TELEGRAPH AVE.
OAKLAND, CALIFORNIA

**LOCATION
MAP**