



KAPREALIAN ENGINEERING
I N C O R P O R A T E D

Reviewed on 2/21/95 CReck

KEI-P88-1110.QR6
March 7, 1995

Berkeley Land Company
4550 San Pablo Avenue
Emeryville, CA 94608

Attention: Mr. Norm Alberts

RE: Quarterly Report
Berkeley Land Company
23555 Saklan Road
Hayward, California

Dear Mr. Alberts:

This report presents the results of the most recent quarter of monitoring and sampling of the monitoring wells at the referenced site by Kaprealian Engineering, Inc. (KEI). All of the wells are currently monitored and sampled on a quarterly basis. This report covers the work performed by KEI from November of 1994 through January of 1995.

BACKGROUND

The subject site occupies the northeast corner of the intersection of Saklan Road and Middle Lane in Hayward, California, and is situated approximately two miles from the shores of the San Francisco Bay. The site is located in a mixed light industrial and residential area. A Location Map is attached to this report. A large part of the site is used by Quality Tow, an automobile towing operation, for the storage of used vehicles.

In June of 1988, an underground fuel storage tank was reportedly removed from the site. On February 27, 1990, and March 1, 1990, two exploratory borings were drilled at the site. During the drilling of the borings, a six-inch diameter water well was discovered adjacent to the former underground fuel storage tank pit. On May 30, 1990, four exploratory borings were drilled and five monitoring wells installed at the site. KEI's initial work at the site was conducted on February 25, 1993, when the five existing monitoring wells were monitored and sampled. On June 1 and 2, 1993, seven exploratory borings, in conjunction with a Hydropunch study, were drilled at the site. A total of 13 borings have been drilled and five monitoring wells have been installed at the site.

A site description, detailed background information including a summary of all of the soil and ground water subsurface investigation/remediation work conducted to date, site hydrogeologic conditions, and tables that summarize all of the soil and ground

water sample analytical results are presented in KEI's report (KEI-P88-1110.R2) dated July 12, 1993.

RECENT FIELD ACTIVITIES

The five monitoring wells (MW1 through MW5) and the water well (WW1) were monitored and sampled once during the quarter. During monitoring, the wells were checked for depth to water and the presence of free product. Prior to sampling, the wells were also checked for the presence of a sheen. No free product or sheen was noted in any of the wells during the recent quarter, except for sheen detected in the water well (WW1). The monitoring data collected during the recent quarter are summarized in Table 1.

Ground water samples were collected from all of the wells on January 18, 1995. Prior to sampling, the wells were each purged of between 19 and 165 gallons of water by the use of a surface pump. The samples were collected by the use of a clean Teflon bailer. The samples were decanted into clean VOA vials and/or one-liter amber bottles, as appropriate, which were then sealed with Teflon-lined screw caps, labeled, and stored in a cooler, on ice, until delivery to a state-certified laboratory.

Lastly, KEI previously recommended that WW1 be purged on a one-time-only basis. On November 10, 1994, KEI was on site when approximately 1,500 gallons of ground water were purged from WW1. The well was purged by Erickson, Inc. of Richmond, California, a licensed hazardous waste hauler. A copy of the manifest form is included in the attached Appendix A.

HYDROLOGY

The measured depth to ground water at the site on January 18, 1995, ranged between 11.26 and 13.27 feet. The water levels in all of the monitoring wells have shown net increases ranging from 2.15 to 2.28 feet since October 18, 1995. Based on the water level data gathered on January 18, 1995, the ground water flow direction appeared to be predominantly to the west-southwest, as shown on the attached Potentiometric Surface Map, Figure 1. The ground water flow direction has been predominantly to the southwest since the inception of the monitoring program in May of 1993 (seven consecutive quarters). The average hydraulic gradient at the site on January 18, 1995, was approximately 0.003.

ANALYTICAL RESULTS

The ground water samples collected during the quarter were analyzed at Sequoia Analytical Laboratory and were accompanied by properly

executed Chain of Custody documentation. The samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline by EPA method 5030/modified 8015, TPH as diesel by EPA method 3510/modified 8015, and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8020.

The analytical results of all of the ground water samples collected from the wells to date are summarized in Table 2. The concentrations of TPH as gasoline, benzene, and TPH as diesel detected in the ground water samples collected on January 18, 1995, are shown on the attached Figure 2. Copies of the laboratory analytical results and the Chain of Custody documentation are attached to this report.

DISCUSSION

Based on the analytical results of all of the ground water samples collected and evaluated to date, and no free product currently detected, KEI recommends the continuation of the current ground water monitoring and sampling program at the subject site. The wells are monitored and sampled on a quarterly basis. Ground water samples are analyzed for TPH as gasoline, TPH as diesel, and BTEX. In addition, future monitoring and sampling reports will include temperature, pH, and conductivity data recorded during purging of the wells.

DISTRIBUTION

A copy of this report should be sent to Ms. Amy Leach of the Alameda County Health Care Services Agency, and to the RWQCB, San Francisco Bay Region.

LIMITATIONS

Environmental changes, either naturally-occurring or artificially-induced, may cause changes in ground water levels and flow paths, thereby changing the extent and concentration of any contaminants.

Our studies assume that the field and laboratory data are reasonably representative of the site as a whole, and assume that subsurface conditions are reasonably conducive to interpolation and extrapolation.

The results of this study are based on the data obtained from the field and laboratory analyses obtained from a state-certified laboratory. We have analyzed these data using what we believe to be currently applicable engineering techniques and principles in the Northern California region. We make no warranty, either

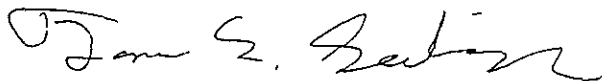
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March 7, 1995
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expressed or implied, regarding the above, including laboratory analyses, except that our services have been performed in accordance with generally accepted professional principles and practices existing for such work.

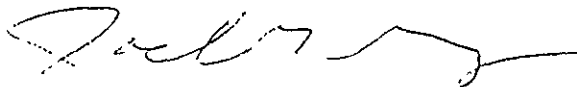
If you have any questions regarding this report, please do not hesitate to call at (510) 602-5100.

Sincerely,

Kaprealian Engineering, Inc.

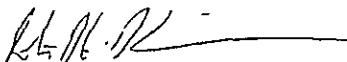


Thomas E. Seeliger
Staff Geologist



Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. EG 1633
Exp. Date 8/31/96



Robert H. Kezerian
Project Manager

\jad

Attachments: Tables 1 & 2
Location Map
Potentiometric Surface Map - Figure 1
Concentrations of Petroleum Hydrocarbons - Figure 2
Laboratory Analyses
Chain of Custody documentation
Appendix A

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TABLE 1

SUMMARY OF MONITORING DATA

<u>Well #</u>	<u>Ground Water Elevation (feet)</u>	<u>Depth to Water (feet)</u>	<u>Product Thickness (feet)</u>	<u>Sheen</u>	<u>Water Purged (gallons)</u>	<u>Product Purged (ounces)</u>
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(Monitored and Sampled on January 18, 1995)

MW1	20.80	12.96	0	No	31	0
MW2	21.29	13.04	0	No	36	0
MW3	20.82	12.81	0	No	19	0
MW4	20.74	11.26	0	No	40	0
MW5	21.14	11.50	0	No	23	0
WW1	N/A	13.27	0	Yes	165	<1*

(Monitored and Purged on November 10, 1994)

WW1	N/A	15.21	0	--	1,500	0
-----	-----	-------	---	----	-------	---

Top of Casing Elevation
 in feet above
Mean Sea Level (MSL)**

Well #

MW1	33.76
MW2	34.33
MW3	33.63
MW4	32.00
MW5	32.64

N/A = Not applicable.

-- Determination was not performed.

* Product collected in skimmer only.

** Based on Alameda County Benchmark located at Eden Avenue and West Street (elevation = 33.16 MSL).

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TABLE 2

SUMMARY OF LABORATORY ANALYSES
 WATER

<u>Date</u>	<u>Sample Well #</u>	<u>TPH as Diesel</u>	<u>TPH as Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>
1/18/95	MW1	ND	ND	ND	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
	MW3	82	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
	WW1	30,000	410*	ND	ND	ND	ND
10/18/94	MW1	ND	ND	ND	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
	MW3	120	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
	WW1	2,400	180*	ND	ND	ND	ND
7/13/94++ &	MW1	66♦♦	ND	ND	ND	ND	ND
	MW2	67♦♦	ND	ND	ND	ND	ND
8/15/94	MW3	92♦♦	ND	ND	ND	ND	ND
	MW4	64♦♦	ND	ND	ND	ND	ND
	MW5	62♦♦	ND	ND	ND	ND	ND
	WW1	9,200	1,600*	ND	ND	ND	ND
1/20/94	MW1	73	ND	ND	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
	MW3	130	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	340♦	ND	ND	ND	ND	ND
	WW1	190,000	34,000*	ND	ND	ND	ND
10/28/93	MW1	120♦	200*	1.8	ND	ND	ND
	MW2	ND	ND	ND	ND	ND	ND
	MW3	170	ND	ND	ND	ND	1.4
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
	WW1	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					
7/12/93+ &	MW1	200♦	150	1.1	ND	ND	0.51
	MW2	ND	ND	ND	ND	ND	ND
8/20/93	MW3	ND	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
	WW1	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					

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TABLE 2 (Continued)

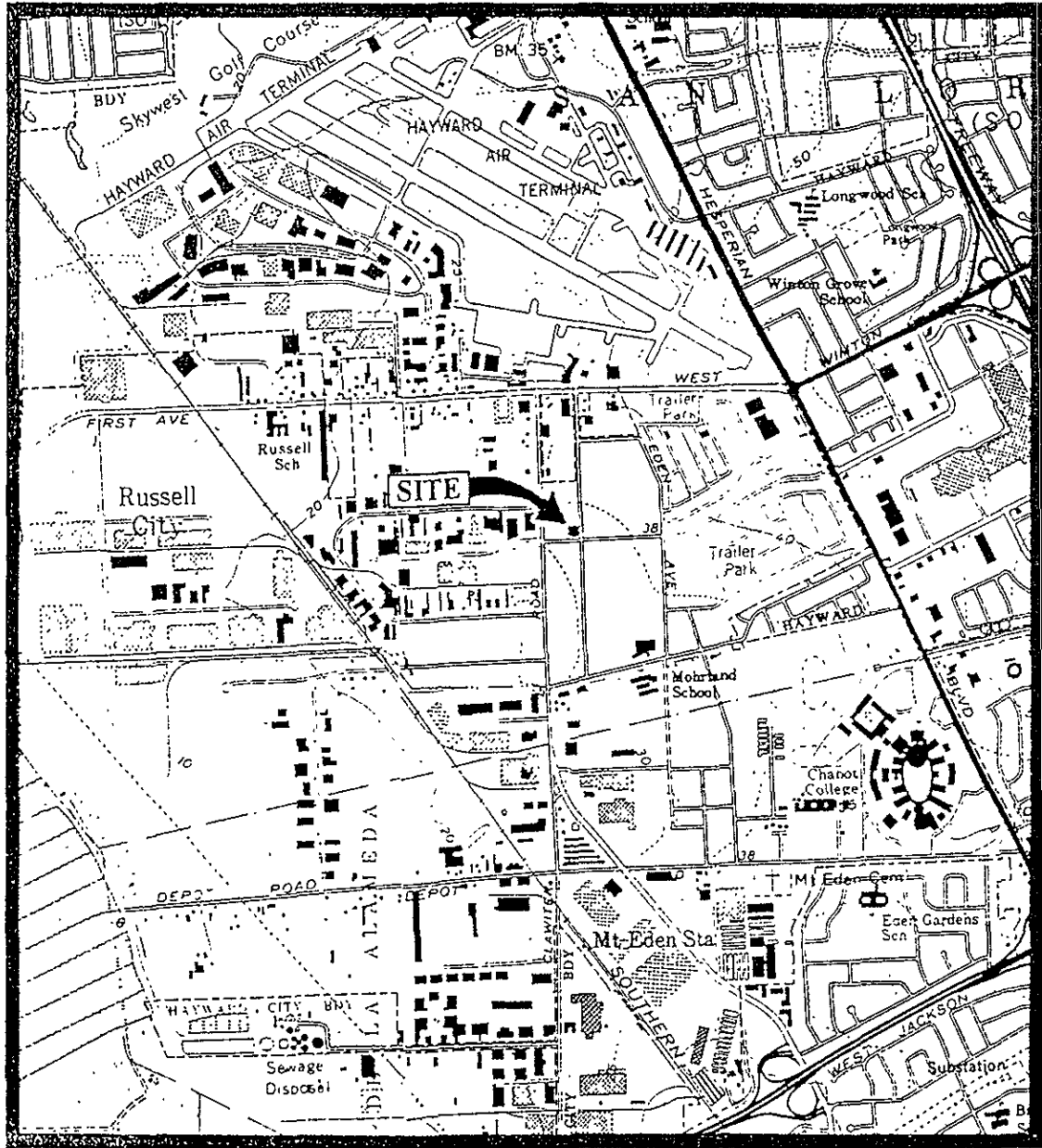
SUMMARY OF LABORATORY ANALYSES
WATER

<u>Date</u>	<u>Sample Well #</u>	<u>TPH as Diesel</u>	<u>TPH as Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>
2/25/93	MW1	5,900♦	4,600**	45	18	ND	750
	MW2	ND	ND	ND	ND	ND	ND
	MW3	200	ND	ND	ND	ND	ND
	MW4	ND	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND	ND
	WW1	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					

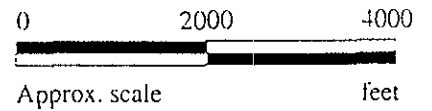
- ♦ Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a diesel and non-diesel mixture.
- ♦♦ Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be diesel.
- * Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.
- ** Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
- + Samples collected on July 12, 1993, were analyzed for TPH as gasoline and BTEX. Samples collected on August 20, 1993, were analyzed for TPH as diesel.
- ++ Samples collected on July 13, 1994, were analyzed for TPH as gasoline and BTEX, and for TPH as diesel for well WW1. Samples collected on August 15, 1994, were analyzed for TPH as diesel for wells MW1 through MW5.


ND = Non-detectable.

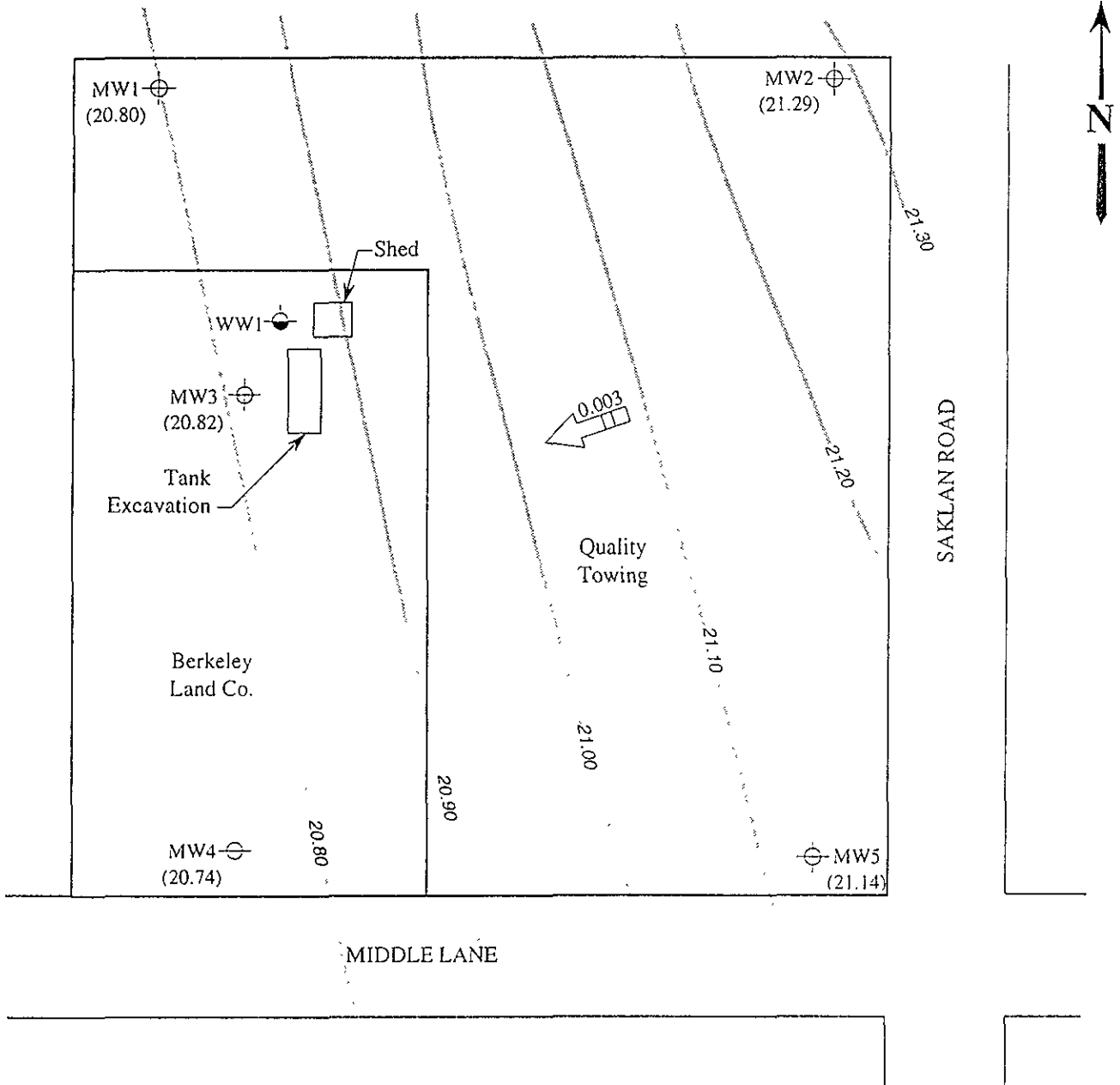
Results are in parts per billion (ppb), unless otherwise indicated.





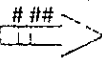
Base modified from 7.5 minute U.S.G.S
Hayward & San Leandro Quadrangles
(both photorevised 1980)

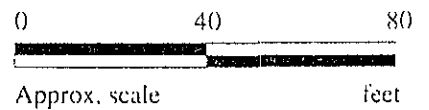


 <p>KAPREALIAN ENGINEERING INCORPORATED</p>	<p>BERKELEY LAND CO. 23555 SAKLAN ROAD HAYWARD, CALIFORNIA</p>	<p>LOCATION MAP</p>
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LEGEND

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



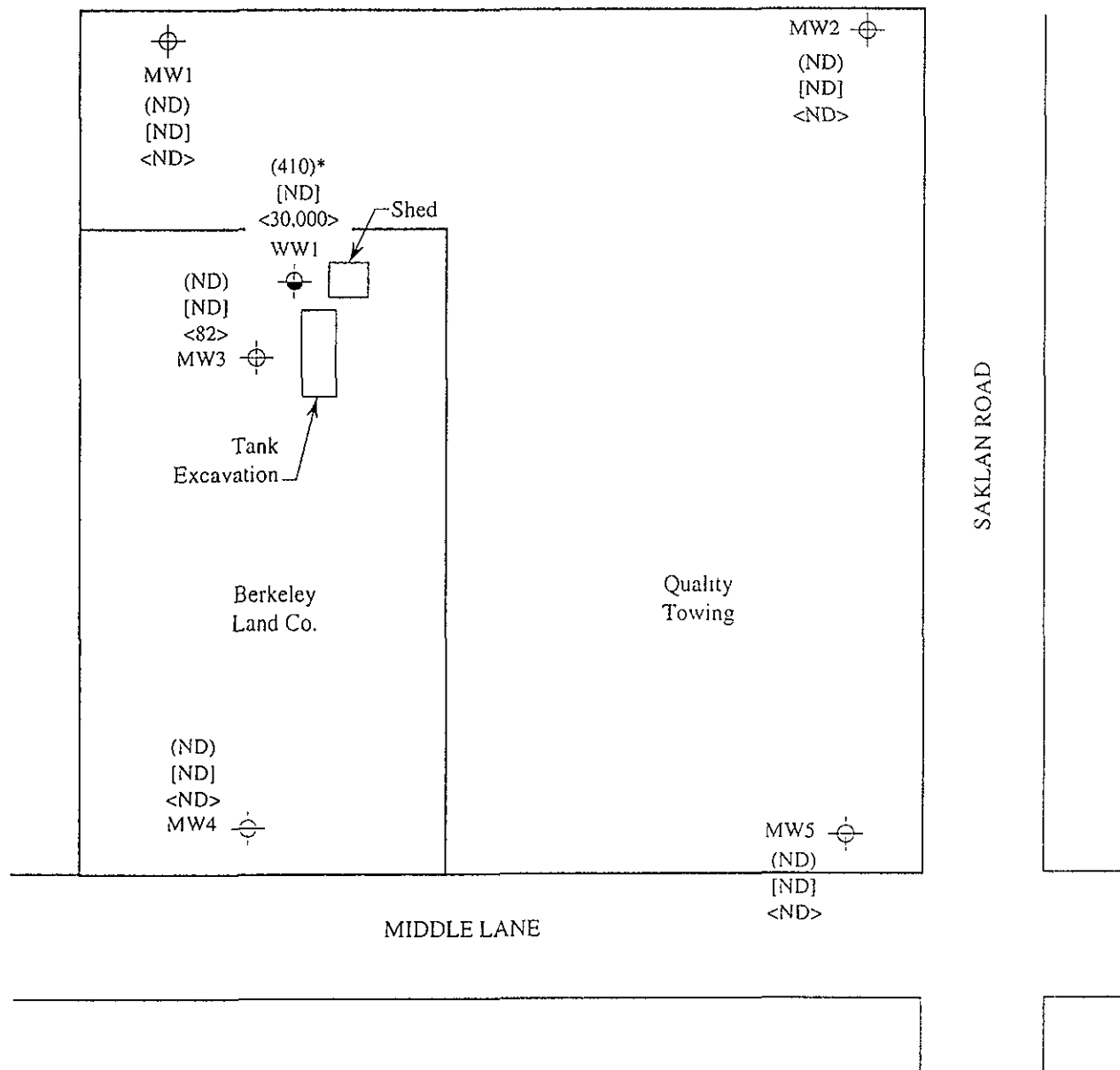
POTENTIOMETRIC SURFACE MAP FOR THE JANUARY 18, 1995 MONITORING EVENT



**KAPREALIAN ENGINEERING
 INCORPORATED**

**BERKELEY LAND CO.
 23555 SAKLAN ROAD
 HAYWARD, CALIFORNIA**

**FIGURE
 1**

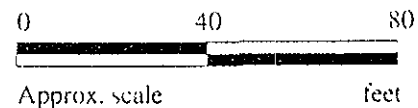


LEGEND

- ⊕ Monitoring well
- ⊙ Water well
- () Concentration of TPH as gasoline in µg/L
- [] Concentration of benzene in µg/L
- < > Concentration of TPH as diesel in µg/L

ND = Non-detectable

* The lab reported that the hydrocarbons detected did not appear to be gasoline.



PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON JANUARY 18, 1995



**BERKELEY LAND CO.
23555 SAKLAN ROAD
HAYWARD, CALIFORNIA**

**FIGURE
2**



MPDS Services Client Project ID: Berkeley Land Co., 23555 Saklan Rd., Sampled: Jan 18, 1995
 2401 Stanwell Dr., Ste. 400 Matrix Descript: Water Hayward Received: Jan 18, 1995
 Concord, CA 94520 Analysis Method: EPA 5030/8015/8020 Reported: Feb 6, 1995
 Attention: Avo Avedissian First Sample #: 501-0849

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Purgeable Hydrocarbons $\mu\text{g/L}$	Benzene $\mu\text{g/L}$	Toluene $\mu\text{g/L}$	Ethyl Benzene $\mu\text{g/L}$	Total Xylenes $\mu\text{g/L}$
501-0849	MW 1	ND	ND	ND	ND	ND
501-0850	MW 2	ND	ND	ND	ND	ND
501-0851	MW 3	ND	ND	ND	ND	ND
501-0852	MW 4	ND	ND	ND	ND	ND
501-0853	MW 5	ND	ND	ND	ND	ND
501-0854	WW 1	410*	ND	ND	ND	ND

* Hydrocarbons detected did not appear to be gasoline.

Detection Limits:	50	0.50	0.50	0.50	0.50
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Total Purgeable Petroleum Hydrocarbons are quantitated against a fresh gasoline standard.
 Analytes reported as ND were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
 Project Manager



MPDS Services Client Project ID: Berkeley Land Co., 23555 Saklan Rd., Sampled: Jan 18, 1995
2401 Stanwell Dr., Ste. 400 Matrix Descript: Water Hayward Received: Jan 18, 1995
Concord, CA 94520 Analysis Method: EPA 5030/8015/8020 Reported: Feb 6, 1995
Attention: Avo Avedissian First Sample #: 501-0849

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Chromatogram Pattern	DL Mult. Factor	Date Analyzed	Instrument ID	Surrogate Recovery, % QC Limits: 70-130
501-0849	MW 1	--	1.0	1/31/95	HP-5	106
501-0850	MW 2	--	1.0	1/31/95	HP-5	91
501-0851	MW 3	--	1.0	2/1/95	HP-4	89
501-0852	MW 4	--	1.0	1/31/95	HP-5	88
501-0853	MW 5	--	1.0	1/31/95	HP-5	96
501-0854	WW 1	Unidentified Hydrocarbons >C10	4.0	2/2/95	HP-2	101

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Please Note:
* "Unidentified Hydrocarbons >C10" refers to unidentified peaks in the total extractable petroleum hydrocarbons range.



MPDS Services
 2401 Stanwell Dr., Ste. 400
 Concord, CA 94520
 Attention: Avo Avedissian

Client Project ID: Berkeley Land Co., 23555 Saklan Rd.,
 Sample Matrix: Water Hayward
 Analysis Method: EPA 3510/3520/8015
 First Sample #: 501-0849

Sampled: Jan 18, 1995
 Received: Jan 18, 1995
 Reported: Feb 6, 1995

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit µg/L	Sample I.D. 501-0849 MW 1	Sample I.D. 501-0850 MW 2	Sample I.D. 501-0851 MW 3	Sample I.D. 501-0852 MW 4	Sample I.D. 501-0853 MW 5	Sample I.D. 501-0854 WW 1
Extractable Hydrocarbons	50	N.D.	N.D.	82	N.D.	N.D.	30,000
Chromatogram Pattern:		--	--	Diesel	--	--	Diesel

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	50
Date Extracted:	1/24/95	1/25/95	1/25/95	1/25/95	1/25/95	1/25/95
Date Analyzed:	1/26/95	1/27/95	1/27/95	1/27/95	1/27/95	1/30/95
Instrument Identification:	HP-3A	HP-3A	HP-3A	HP-3A	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
 Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
 Project Manager



MPDS Services
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Avo Avedissian

Client Project ID: Berkeley Land Co., 23555 Saklan Rd., Hayward
Matrix: Liquid

QC Sample Group: 5010849-54

Reported: Feb 6, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel	Diesel
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015 Mod.	EPA 8015 Mod.
Analyst:	A. Tuzon	A. Tuzon	A. Tuzon	A. Tuzon	K.V.S.	M. Nguyen

MS/MSD	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel	Diesel
Batch#:	5010844	5010844	5010844	5010844	BLK012495	BLK012595
Date Prepared:	1/31/95	1/31/95	1/31/95	1/31/95	1/24/95	1/25/95
Date Analyzed:	1/31/95	1/31/95	1/31/95	1/31/95	1/25/95	1/27/95
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	HP-3A	HP-3B
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	300 µg/L	300 µg/L

Matrix Spike
% Recovery: 90 105 110 107 87 100

Matrix Spike Duplicate % Recovery: 90 105 110 107 86 104

Relative % Difference: 0.0 0.0 0.0 0.0 1.2 3.9

LCS Batch#:	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel	Diesel
LCS Batch#:	3LCS013195	3LCS013195	3LCS013195	3LCS013195	BLK012495	BLK012595
Date Prepared:	1/31/95	1/31/95	1/31/95	1/31/95	1/24/95	1/25/95
Date Analyzed:	1/31/95	1/31/95	1/31/95	1/31/95	1/25/95	1/27/95
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	HP-3A	HP-3B
LCS % Recovery:	96	109	113	113	87	100

% Recovery Control Limits:	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel	Diesel
Control Limits:	71-133	72-128	72-130	71-120	28-122	28-122

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager



MPDS Services
 2401 Stanwell Dr., Ste. 400
 Concord, CA 94520
 Attention: Avo Avedissian

Client Project ID: Berkeley Land Co., 23555 Saklan Rd., Hayward
 Matrix: Liquid

QC Sample Group: 5010849-54

Reported: Feb 6, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A. Tuzon	A. Tuzon	A. Tuzon	A. Tuzon

MS/MSD	Benzene	Toluene	Ethyl Benzene	Xylenes
Batch#:	5011272	5011272	5011272	5011272
Date Prepared:	2/1/95	2/1/95	2/1/95	2/1/95
Date Analyzed:	2/1/95	2/1/95	2/1/95	2/1/95
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L

Matrix Spike % Recovery:	75	95	95	97
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Matrix Spike Duplicate % Recovery:	75	95	95	98
------------------------------------	----	----	----	----

Relative % Difference:	0.0	0.0	0.0	1.0
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LCS Batch#:	Benzene	Toluene	Ethyl Benzene	Xylenes
	2LCS020195	2LCS020195	2LCS020195	2LCS020195
Date Prepared:	2/1/95	2/1/95	2/1/95	2/1/95
Date Analyzed:	2/1/95	2/1/95	2/1/95	2/1/95
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
LCS % Recovery:	73	92	97	100

% Recovery Control Limits:	71-133	72-128	72-130	71-120
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SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
 Project Manager

Please Note:
 The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.





MPDS Services
 2401 Stanwell Dr., Ste. 400
 Concord, CA 94520
 Attention: Avo Avedissian

Client Project ID: Berkeley Land Co., 23555 Saklan Rd., Hayward
 Matrix: Liquid

QC Sample Group: 5010849-54

Reported: Feb 6, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	A. Tuzon	A. Tuzon	A. Tuzon	A. Tuzon

MS/MSD				
Batch#:	5011295	5011295	5011295	5011295
Date Prepared:	2/2/95	2/2/95	2/2/95	2/2/95
Date Analyzed:	2/2/95	2/2/95	2/2/95	2/2/95
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L

Matrix Spike % Recovery:	90	100	105	108
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Matrix Spike Duplicate % Recovery:	85	100	105	105
--	----	-----	-----	-----

Relative % Difference:	5.7	0.0	0.0	2.8
---------------------------	-----	-----	-----	-----

LCS Batch#:	1LCS020295	1LCS020295	1LCS020295	1LCS020295
Date Prepared:	2/2/95	2/2/95	2/2/95	2/2/95
Date Analyzed:	2/2/95	2/2/95	2/2/95	2/2/95
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	88	104	112	114

% Recovery Control Limits:	71-133	72-128	72-130	71-120
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Please Note:
 The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL, #1271

Signature on File
 Alan B. Kemp
 Project Manager



M P D S Services, Inc.

2401 Stanwell Drive, Suite 400, Concord, CA 94520

Tel: (510) 602-5120 Fax: (510) 689-1918

CHAIN OF CUSTODY

SAMPLER		ADDRESS:						ANALYSES REQUESTED						TURN AROUND TIME:	
RAY MARANGOSIAN		BERKELEY LAND CO. 23555 SAKLAN RD HAYWARD						TPH-GAS BTEX	TPH-DIESEL	TOG	8010				REGULAR
SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO OF CONT.	SAMPLING LOCATION							REMARKS	
MW1	1-18-95	9:45	X	X		3	well	X	Y				5010849	A-C	
MW2	4	10:35	X	X		4	4	X	Y				5010850	↓	
MW3	4	12:50	X	X		4	4	X	Y				5010851		
MW4	4	12:00	X	X		4	4	X	Y				5010852		
MW5	4	11:25	X	X		4	4	X	Y				5010853		
WW1	4	15:00	X	X		1	4	X	Y				5010854		

RELINQUISHED BY: <i>Ray Marangosian</i> (SIGNATURE)	DATE/TIME 1-18-95 11:25	RECEIVED BY: <i>D. J. ...</i> (SIGNATURE)	THE FOLLOWING <u>MUST BE</u> COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:
<i>[Signature]</i> (SIGNATURE)	1-19-95 8:00AM	<i>[Signature]</i> (SIGNATURE)	1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? YES
<i>[Signature]</i> (SIGNATURE)	1-19	<i>[Signature]</i> (SIGNATURE)	2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? YES
<i>[Signature]</i> (SIGNATURE)		<i>[Signature]</i> (SIGNATURE)	3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? NO
<i>[Signature]</i> (SIGNATURE)		<i>[Signature]</i> (SIGNATURE)	4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? YES
<i>[Signature]</i> (SIGNATURE)		<i>[Signature]</i> (SIGNATURE)	SIGNATURE: <i>[Signature]</i> TITLE: <i>Analyst</i> DATE: <i>1-19-95</i>

APPENDIX A

93481124
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1098762250178111	Manifest Document No. 24	2. Page 1 of 1	Information in the shaded areas is not required by federal law.
3. Generator's Name and Mailing Address BENTLEY LAND GRAD 4550 SAN MADRID AVE. EMERYVILLE 94608		33555 SAKLAN RD HAYWARD CA		A. State Manifest ID Number 93481124	
4. Generator's Phone (510) 420-5630		6. US EPA ID Number CAD009466392		B. State Generator ID No.	
5. Transporter 1 Company Name Erickson, Inc.		7. Transporter 2 Company Name		C. State Transporter ID No. 45-235-1090	
9. Designated Facility Name and Site Address Gibson Oil/Pilot Petroleum 475 Sea Port Blvd. Redwood City, CA. 94063		10. US EPA ID Number CAD043260702		D. Transporter's Phone E. State Transporter ID F. Transporter's Phone G. State Facility ID H. Facility Phone 415-368-3541	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	
a. RO Hazardous Waste Liquids NOS (Benzene) 9 NA 3082, PG III D018 ERG #31		06 1 TIT		1150 G	
17. Additional Descriptions for Materials Listed Above Hydrocarbon Mixture with Water (99% Water, 1% Hydrocarbons)		K. Handling Code for Wastes Listed Above		14. Unit Wt/Vol	
15. Special Handling Instructions and Additional Information Gibson Oil Waste Stream Profile # 10001 Contact NARM ALBERTS 24 Hr. Phone# (510) 420-5176 JOB # 964400 P.O.# E 16754 ERG 31 24 Hr.		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
Printed/Typed Name DIRAN MELKOLIN		Signature <i>Diran Melkolin</i>		Month Day Year 11/1/09 14	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name RICH POLLASTRINI 2039		Signature <i>Rich Pollastrini</i>		Month Day Year 11/1/09 14	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name					
Signature		Month		Day Year	

DO NOT WRITE BELOW THIS LINE.