



December 27, 2000

Mr. Mo Mashhoon
Mash Petroleum, Inc.
1721 Jefferson Street
Oakland, CA 94612

SUBJECT: TEMESCAL CREEK SAMPLING
5725 Thornhill Drive
Oakland, California

Dear Mr. Mashhoon:

This letter presents the results of the December 5, 2000 Temescal Creek water sampling. On December 5, 2000, ASE associate geologist Ian Reed collected water samples from Temescal Creek where the creek "daylights" west of the site (Figures 1 and 2). The samples were contained directly in 40-ml volatile organic analysis (VOA) vials (pre-preserved with hydrochloric acid) and sealed without headspace. These samples were then labeled and stored on ice for transport to Kiff Analytical, LLC of Davis, California under chain of custody. The samples were analyzed by Kiff Analytical, LLC for total petroleum hydrocarbons as diesel (TPH-D) and motor oil (TPH-MO) by modified EPA Method 8015, and total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene and total xylenes (collectively known as (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8020. A copy of the analytical report is presented in Appendix A. No hydrocarbons were detected in the water sample.

REPORT LIMITATIONS

The results presented in this letter represent conditions at the time of the water sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory.

This report does not fully characterize the site for contamination resulting from unknown sources or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-EPA certified laboratory. The

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independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

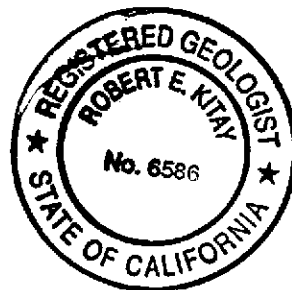
Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.



Robert E. Kitay, R.G., R.E.A.
Senior Geologist

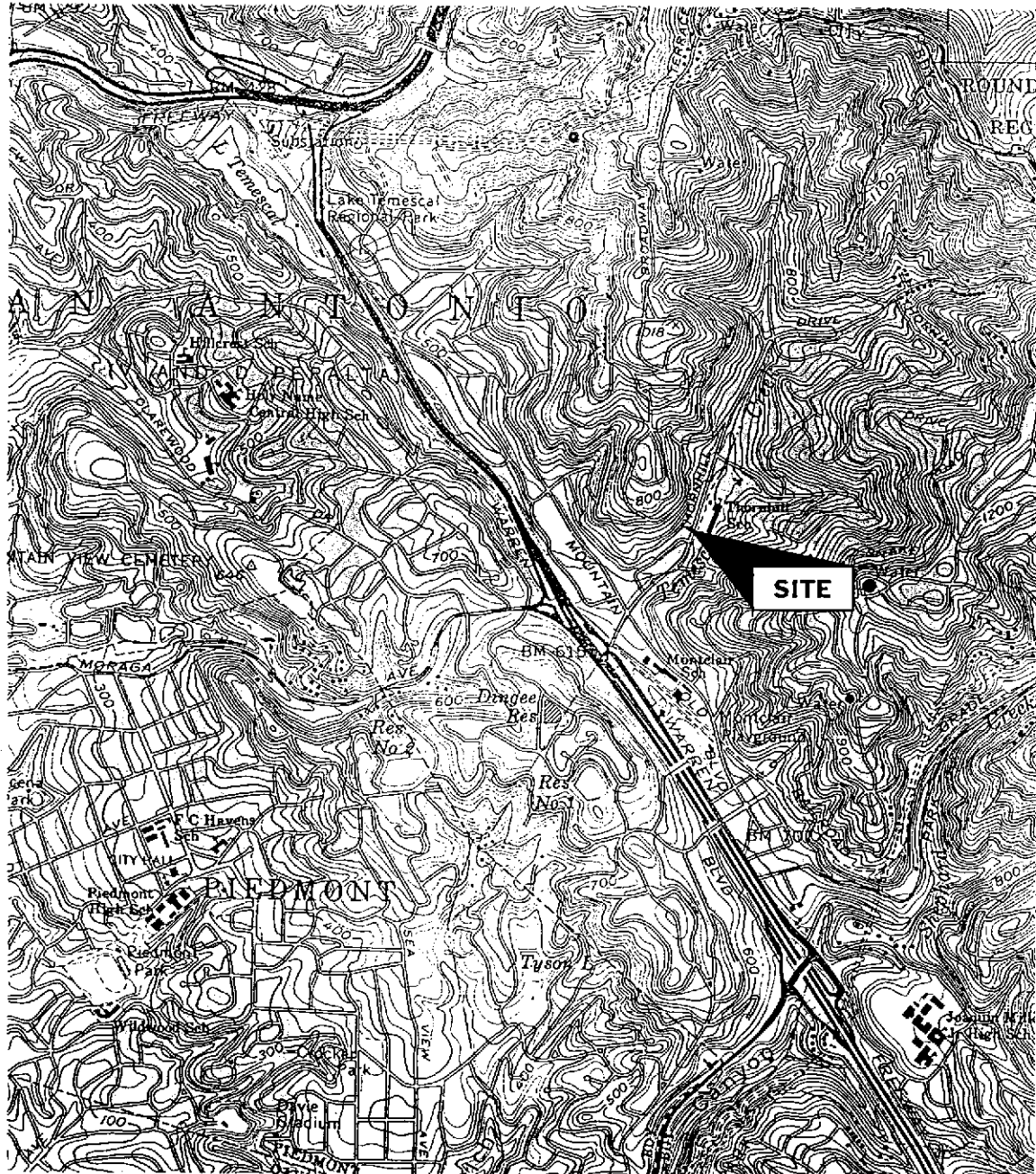


cc: Mr. Don Hwang, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502

Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612



NORTH

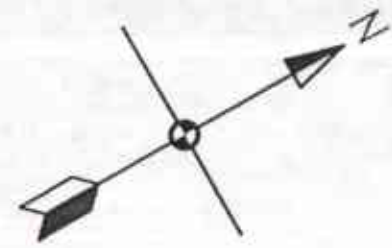


SITE LOCATION MAP

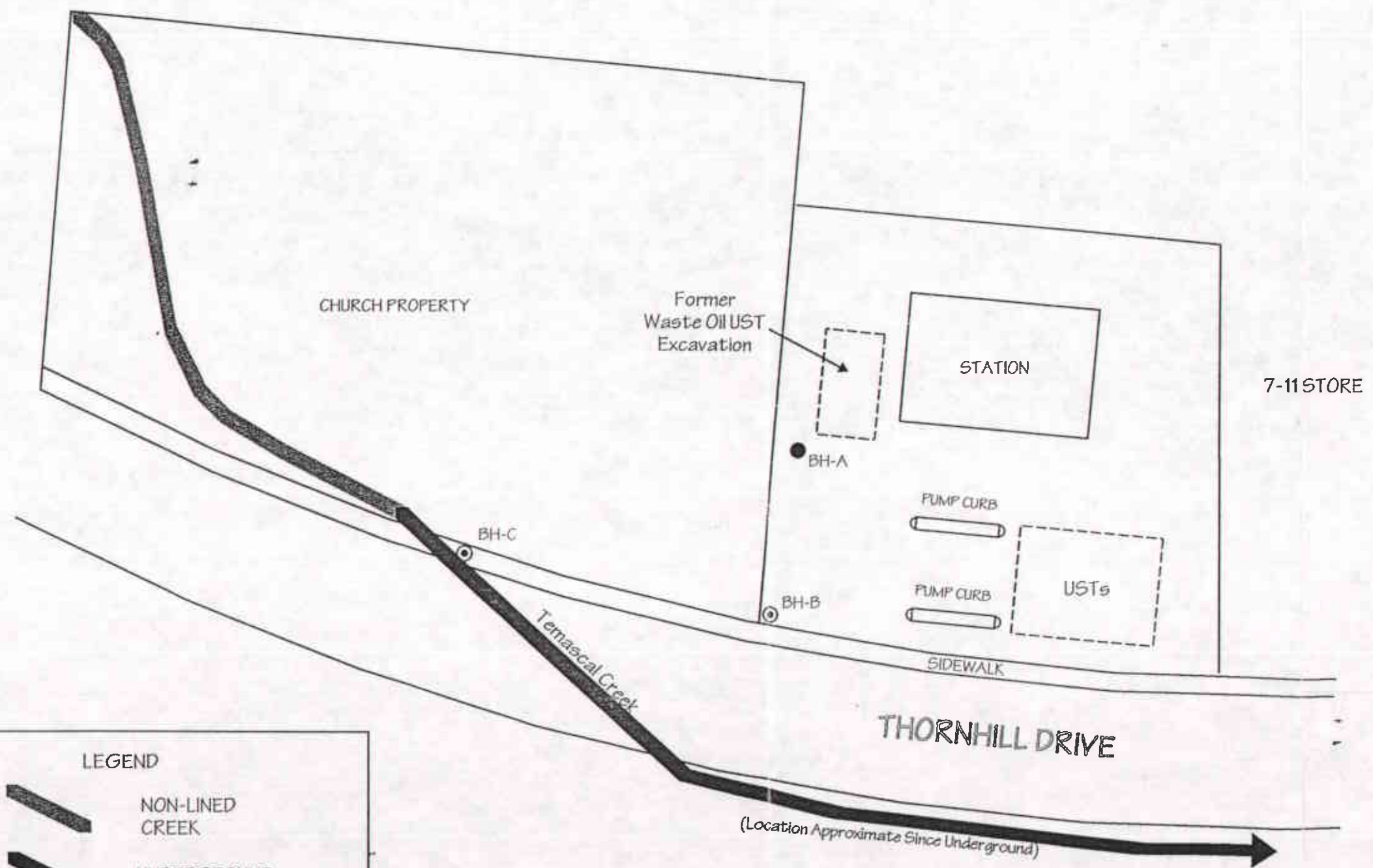
Mash Petroleum
5725 Thornhill Street
Oakland, California

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

Figure 1



SCALE
1" = 30'



LEGEND

-  NON-LINED CREEK
-  UNDERGROUND CONCRETE LINED CREEK
-  BH-A PREVIOUS SOIL BORING LOCATION
-  BH-B SOIL BORING LOCATION

SOIL BORING LOCATION MAP	
MASH PETROLEUM 5725 THORNHILL DRIVE OAKLAND, CA	
SCALE: 1" = 30'	DATE: 10/02/00
AQUA SCIENCE ENGINEERS, INC.	FIGURE 2

APPENDIX A

Analytical Report and Chain of Custody



Report Number : 18587

Date : 12/27/00

Ian Reed
Aqua Science Engineers, Inc.
208 W. El Pintado Road
Danville, CA 94526

Subject : 1 Water Sample
Project Name : MO-Thornhill
Project Number : 3457

Dear Mr. Reed,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff



Report Number : 18587

Date : 12/27/00

Project Name : MO-Thornhill

Project Number : 3457

Sample : CREEK

Matrix : Water

Lab Number : 18587-01

Sample Date :12/5/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8020	12/14/00
Toluene	< 0.50	0.50	ug/L	EPA 8020	12/14/00
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8020	12/14/00
Total Xylenes	< 0.50	0.50	ug/L	EPA 8020	12/14/00
Methyl-t-butyl ether	< 5.0	5.0	ug/L	EPA 8020	12/14/00
TPH as Gasoline	< 50	50	ug/L	M EPA 8015	12/14/00
TPH as Diesel	< 50	50	ug/L	M EPA 8015	12/27/00
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	12/27/00
aaa-Trifluorotoluene (8020 Surrogate)	98.3		% Recovery	EPA 8020	12/14/00
aaa-Trifluorotoluene (Gasoline Surrogate)	95.8		% Recovery	M EPA 8015	12/14/00

Approved By:  Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

