

Alameda County Health Care Service Agency  
Department of Environmental Health  
Environmental Health Laboratory

ANALYTICAL REQUEST

Certification No. 1816

Laboratory No: 95-096 & 95-098

Sample Identification: Mills Springs Apt., 1809 Railroad Ave.,  
Livermore, CA

Analysis Requested By: Eva Chu

Date Collected: 8/11/95

Collected By: Eva Chu

Date Received: 8/11/95

Received By: N. Leung

Analysis Requested: TPH-gas, BTEX, & MTBE (methyl tert-butyl ether).

Background Information: A total of 16 water samples were submitted and  
7 were analyzed.

ANALYTICAL RESULTS

<u>Parameter</u>	<u>Observation or Results</u>			
Sample#	Groth MW-1	MSP-H1	MSP-H3	MSP-H5
Laboratory#	95-096-1	95-096-2	95-096-3	95-096-4
MTBE	N/D	< 5 ppb	9.2 ppb	9009 ppb
Benzene	N/D	N/D	9.2 ppb	1349 ppb
Toluene	N/D	< 0.3 ppb	0.5 ppb	192 ppb
Ethylbenzene	N/D	N/D	< 0.4 ppb	< 0.4 ppb
Chlorobenzene	N/D	N/D	< 0.4 ppb	24 ppb
Xylenes	< 0.6 ppb	< 0.6 ppb	0.7ppb	263 ppb
1,2-Dichloro..	< 0.5 ppb	< 0.5 ppb	< 0.5 ppb	16 ppb
1,3-Dichloro..	< 0.4 ppb	N/D	< 0.4 ppb	0.8 ppb
1,4-Dichloro..	< 0.4 ppb	< 0.4 ppb	N/D	N/D
TPH-gasoline	< 0.1 ppm	< 0.1 ppm	< 0.1 ppm	2.5 ppm

ANALYTICAL RESULTS

<u>Parameter</u>	<u>Observation or Results</u>		
Sample#	MSP-H7	MSP-H8	MSP-MW1
Laboratory#	95-096-5	95-096-6	95-098
MTBE	10,916 ppb	13,499 ppb	355 ppb
Benzene	2,673 ppb	2,944 ppb	157 ppb
Toluene	646 ppb	52 ppb	247 ppb
Ethylbenzene	0.6 ppb	1.2 ppb	< 0.4 ppb
Chlorobenzene	561 ppb	107 ppb	100 ppb
Xylenes	1,579 ppb	184 ppb	859 ppb
1,2-Dichloro..	154 ppb	20 ppb	149 ppb
1,3-Dichloro..	10 ppb	2.5 ppb	10 ppb
1,4-Dichloro..	N/D	N/D	N/D
TPH-gasoline	13 ppm	2.7 ppm	11 ppm

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Conclusion:

Date Analysis Completed: 8/23/95

Chemist: N. Leung

Approved: *D.W.*

Distribution: Eva Chu, Jun Makishima.

# Chain of Custody Record

Lab # 95.096

Lab job no.: \_\_\_\_\_

Date 8/11/95

Page \_\_\_\_\_ of \_\_\_\_\_

Laboratory Alameda Co. DEH

Address 1121 Harbor Brgy Pkwy  
Alameda 94502

Client Collector for Milk Springs Act

Address 1809 Railroad Ave  
Livermore

Project Name / Number Milk Springs Park

Contract / Purchase Order / Quote \_\_\_\_\_

Method of Shipment: \_\_\_\_\_

Shipment No. \_\_\_\_\_

Project Manager \_\_\_\_\_

Telephone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

Samplers: (Signature) \_\_\_\_\_

Field Sample Number	Location/Depth	Date	Time	Sample Type	Type/Size of Container	Preservation		Fluted / No. of Containers	Analysis Required	Remarks
						Temp.	Chemical			
G10th MW-1	26.89'	8/11	12:10	W	40 ml VOA		HCL	3		quantity MTSE
HP-7	25.71		12:50	W	"		"	2		
HP-5	26.36	"		W	"		"	2		
HP-3	27.19	"	2:10	W	"		"	2		
HP-1	28.38	"	2:30	W	"		"	2		
HP-8	27.89	"	2:45	W	"		"	2		

Relinquished by: Signature <u>[Signature]</u> Printed <u>ESU/CKW</u> Company <u>Alameda Co DEH</u> Reason _____	Date <u>8/11/95</u> Time <u>2:45 p</u>	Received by: Signature <u>Darcy Wong</u> Printed <u>DARCY WONG</u> Company <u>Env. Health F.</u> Reason _____	Date _____ Time _____	Relinquished by: Signature _____ Printed _____ Company _____ Reason _____	Date _____ Time _____	Received by: Signature _____ Printed _____ Company _____ Reason _____	Date _____ Time _____
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Comments: _____ _____ _____	Relinquished by: Signature _____ Printed _____ Company _____ Reason _____	Date _____ Time _____	Received by: Signature _____ Printed _____ Company _____ Reason _____	Date _____ Time _____
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