

2030 Addison Street, Suite 500  
Berkeley, California 94704  
Telephone: (510) 540-6954 / Fax: (510) 540-7496

93 MAR 10 11:15

March 11, 1993

Mr. Jim Hardy  
KH Realty 2, Inc.  
131 East Maple Street  
Hinsdale, Ill 60521

687157.07  
file: report

Reference: 1993 Groundwater Monitoring Program, 1st Quarter Groundwater Sampling Report, Mills Springs Park Apartments, 1809 Railroad Avenue, Livermore

Dear Mr. Hardy:

Enclosed are the chain of custody form and certified laboratory results for the first quarter groundwater sampling interval for 1993. The groundwater sampling was performed by The Earth Technology Corporation (formerly Aqua Resources Inc. (ARI)) as part of the ongoing groundwater monitoring program at the above site.

Approximately 3 to 4 volumes of water were removed from the well before groundwater samples were collected on February 12, 1993. Four samples (Three groundwater samples and one trip blank) were analyzed by EPA Method 8020 for benzene, toluene, ethylbenzene and xylene. In addition, one sample was analyzed for Total Petroleum Hydrocarbons (TPH) using EPA Method 418.1. Concentrations of all analytes (TPH and BTEX compounds) were below the method detection limit (MDL).

The next sample interval is scheduled for the first week in May. The groundwater samples collected during the May sample interval will be analyzed for TPH and for volatile organic compounds (VOCs - benzene, toluene, xylene and ethylbenzene) using EPA Method 418.1 and EPA Method 8020, respectively.

If you have any questions, please contact the undersigned.

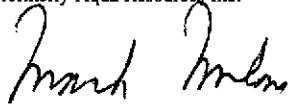
KH Realty 2, Inc.  
Mr. Jim Hardy

March 11, 1993  
Page 2

Sincerely yours,

THE EARTH TECHNOLOGY CORPORATION

formerly Aqua Resources Inc.



Mark Milani, P.E.  
Project Manager

MM/blr

Attachments: Curtis & Tompkins Laboratory Report 110084  
Curtis & Tompkins Laboratory Report 110101  
Earth Technology Chain of Custody

cc: Alameda County Health Agency, Division of Hazardous Materials  
Attention: Mr. Jeff Shapiro



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900


DATE RECEIVED: 02/12/93  
DATE REPORTED: 02/24/93

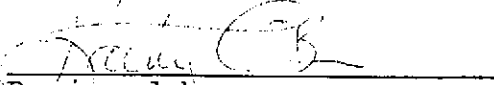
LABORATORY NUMBER: 110084

CLIENT: THE EARTH TECHNOLOGY CORPORATION

PROJECT ID: MILL SPRINGS

RESULTS: SEE ATTACHED

  
Reviewed by

  
Reviewed by

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1993-1-1953

Berkeley

Los Angeles



LABORATORY NUMBER: 110084  
CLIENT: THE EARTH TECHNOLOGY COROPRATION

DATE SAMPLED: 02/12/93  
DATE RECEIVED: 02/12/93  
DATE ANALYZED: 02/23/93  
DATE REPORTED: 02/24/93

Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 8020  
Extraction by EPA 5030 Purge and Trap

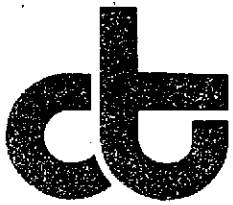
LAB ID	CLIENT ID	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)	REPORTING LIMIT (ug/L)
110084-1	MS-MW1-W1	ND	ND	ND	ND	0.5

ND = Not detected at or above reporting limit.

Reporting Limit applies to all analytes.

QA/QC SUMMARY

RPD, %	4
RECOVERY, %	99



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710. Phone (510) 486-0900

DATE RECEIVED: 02/12/93  
DATE REQUESTED: 02/17/93  
DATE REPORTED: 03/02/93

LABORATORY NUMBER: 110101

CLIENT: THE EARTH TECHNOLOGY CORPORATION

PROJECT ID: 687157.07

LOCATION: MILL SPRINGS

RESULTS: SEE ATTACHED

Teresa K. Morrison  
Reviewed by

[Signature]  
Reviewed by

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LABORATORY NUMBER: 110101  
CLIENT: THE EARTH TECHNOLOGY CORPORATION  
PROJECT ID: 687157.07  
LOCATION: MILL SPRINGS

DATE SAMPLED: 02/12/93  
DATE RECEIVED: 02/12/93  
DATE REQUESTD: 02/17/93  
DATE EXTRACTED: 02/22/93  
DATE ANALYZED: 02/22/93  
DATE REPORTED: 03/02/93

EPA 418.1: Total Recoverable Petroleum Hydrocarbons by IR

LAB ID	CLIENT ID	RESULT (mg/L)	REPORTING LIMIT (mg/L)
110101-4	MS-MW1-W4	ND	1

ND = Not detected at or above reporting limit.

QA/QC SUMMARY

RPD, % 1  
RECOVERY, % 91



LABORATORY NUMBER: 110101  
CLIENT: THE EARTH TECHNOLOGY CORPORATION  
PROJECT ID: 687157.07  
LOCATION: MILL SPRINGS

DATE SAMPLED: 02/12/93  
DATE RECEIVED: 02/12/93  
DATE REQUESTED: 02/17/93  
DATE ANALYZED: 02/23/93  
DATE REPORTED: 03/02/93

Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 8020  
Extraction by EPA 5030 Purge and Trap

LAB ID	CLIENT ID	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)	REPORTING LIMIT (ug/L)
110101-1	MS-MW1-W2	ND	ND	ND	ND	0.5
110101-2	MW-MW1-W3	ND	ND	ND	ND	0.5
110101-3	MS-MW1-TB	ND	ND	ND	ND	0.5

ND = Not detected at or above reporting limit.

Reporting Limit applies to all analytes.

QA/QC SUMMARY

RPD, %	4
RECOVERY, %	99

Analytical Laboratories  
 5702 Bolsa Ave.  
 Huntington Beach, Ca. 92649  
 (714) 892-2565 FAX (714) 890-4032

# Chain of Custody Record

Lab Job no.: 110084  
 Date 2-12-93  
 Page 1 of 1

Client The Earth Technology Corp  
 Address 2080 Addison St. #500  
Berkeley, CA 94704  
 Project Name / Number Mill Springs  
 Contract / Purchase Order / Quote \_\_\_\_\_

Project Manager Mark Milani  
 Telephone No. 510-540-6954  
 Fax No. 510-540-7496  
 Samplers: (Signature) Mark Peterson

No. of Containers	Analysis Required								Remarks	
8020 (BTEX) TPH										

Laboratory Sample Number	Field Sample Number	Location	Date	Time	Sample Type	Type/Size of Container	Preservation								
							Temp.	Chemical							
10084-1	MS-MW1-W1		2/12/93	1415	H <sub>2</sub> O	40ml VOA	Ice	HCl	1	X					
-2	MS-MW1-W2		2/12/93	1415	"	"	"	"	1	X					Hold *
-3	MS-MW1-W3		2/12/93	1415	"	"	"	"	1	X					Hold *
-4	MS-MW1-W4		2/12/93	1410	"	1 liter glass	"	"	1		X				Hold *
-5	MS-MW1-W5		2/12/93	1410	"	" " "	"	"	1		X				Hold *
✓ 6	MS-MW1-TB		2/12/93	-	"	40 ml VOA	"	"	1						Hold *

Relinquished by: <u>Mark Peterson</u> Signature Printed <u>MARK C. PETERSON</u> Company <u>TETC</u> Reason <u>Analysis</u>	Date <u>2/12/93</u> Time <u>1546</u>	Received by: <u>[Signature]</u> Signature Printed <u>Louise Brower</u> Company <u>CT Berkeley</u> Reason _____	Relinquished by: Signature _____ Printed _____ Company _____ Reason _____	Date _____ Time _____	Received by: Signature _____ Printed _____ Company _____ Reason _____
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Method of Shipment: _____ Shipment No. _____ Special Instructions: _____	Comments: <u>* will call C&amp;T's for <del>test</del> analyses other than one (1) 8020</u>	After analysis, samples are to be: <input type="checkbox"/> Disposed of (additional fee) <input type="checkbox"/> Stored (90 days max) <input type="checkbox"/> Stored over 90 days (additional fee) <input type="checkbox"/> Returned to customer
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