

**C A P E**  
**ENVIRONMENTAL**  
**MANAGEMENT**  
**I N C**

August 3, 1999

Mr. Larry Seto  
Senior Hazardous Materials Specialist  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway, #250  
Alameda, California 94502-6577

RE: MTBE Analysis of Groundwater Sample Collected from Well MW-2R at the Alameda Federal Center, 620 Central Avenue, Alameda, California  
**STID 4655**  
CAPE Project No. 2403C.024.001 (CAPE-02)

Dear Mr. Seto:

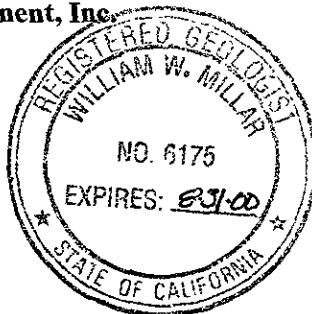
In response to the request you made in the letter you sent to James Lew at GSA dated July 6, 1999 attached is the referenced data. The MTBE concentration was less than the detection limit of 2 micrograms per liter ( $\mu\text{g/l}$ ).

CAPE and the GSA are maintaining our request for site closure based on work performed at the site to date. If you have questions or require additional information, please contact the undersigned at 801.943.4144. #144

Sincerely,  
Cape Environmental Management, Inc



William W. Millar, R.G.  
Geologist



Attachment

cc: Denise Hawkins/GSA (9PEC), 450 Golden Gate Ave., San Francisco CA 94102  
Ando Merendi/GSA (9PMS), 450 Golden Gate Ave., San Francisco CA 94102  
John Hochgurtel/CAPE, 3631 South Harbor Dr., Suite 130, Santa Ana, CA 92704  
Project File

85 10 11 9-504 36



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878  
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900, Fax (510) 486-0532

A N A L Y T I C A L   R E P O R T

Prepared for:

JBR  
8160 South Highland Dr.  
Sandy, UT 849093

Date: 28-JUL-99  
Lab Job Number: 140469  
Project ID: CAPE-02  
Location: Alameda

Reviewed by:

*Tracy Bobin*

Reviewed by:

*[Signature]*

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BTXE

Client: JBR  
 Project#: CAPE-02  
 Location: Alameda

Analysis Method: EPA 8021B  
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
140469-001	MW-2R	49463	07/15/99	07/21/99	07/21/99	

Matrix: Water

Analyte	Units	140469-001
Diln Fac:		1
MTBE	ug/L	<2
Benzene	ug/L	<0.5
Toluene	ug/L	<0.5
Ethylbenzene	ug/L	<0.5
m,p-Xylenes	ug/L	<0.5
o-Xylene	ug/L	<0.5
Surrogate		
Trifluorotoluene	%REC	128
Bromofluorobenzene	%REC	133

BTXE	
Client: JBR	Analysis Method: EPA 8021B
Project#: CAPE-02	Prep Method: EPA 5030
Location: Alameda	
METHOD BLANK	
Matrix: Water	Prep Date: 07/21/99
Batch#: 49463	Analysis Date: 07/21/99
Units: ug/L	
Diln Fac: 1	

MB Lab ID: QC03237

Analyte	Result	
MTBE	<2.0	
Benzene	<0.5	
Toluene	<0.5	
Ethylbenzene	<0.5	
m,p-Xylenes	<0.5	
o-Xylene	<0.5	
Surrogate	%Rec	Recovery Limits
Trifluorotoluene	119	51-143
Bromofluorobenzene	119	37-146



## BTXE

Client: JBR  
 Project#: CAPE-02  
 Location: Alameda

Analysis Method: EPA 8021B  
 Prep Method: EPA 5030

## BLANK SPIKE/BLANK SPIKE DUPLICATE

Matrix: Water  
 Batch#: 49463  
 Units: ug/L  
 Diln Fac: 1

Prep Date: 07/21/99  
 Analysis Date: 07/21/99

BS Lab ID: QC03289

Analyte	Spike Added	BS	%Rec #	Limits
MTBE	20	14.41	72	66-126
Benzene	20	18.85	94	65-111
Toluene	20	19.49	97	76-117
Ethylbenzene	20	20.61	103	71-121
m,p-Xylenes	40	41.1	103	80-123
o-Xylene	20	20.59	103	75-127
Surrogate	%Rec	Limits		
Trifluorotoluene	125	51-143		
Bromofluorobenzene	126	37-146		

BSD Lab ID: QC03290

Analyte	Spike Added	BSD	%Rec #	Limits	RPD #	Limit
MTBE	20	16.38	82	66-126	13 *	12
Benzene	20	19.59	98	65-111	4	10
Toluene	20	20.21	101	76-117	4	10
Ethylbenzene	20	20.69	103	71-121	0	11
m,p-Xylenes	40	41.97	105	80-123	2	10
o-Xylene	20	21.45	107	75-127	4	11
Surrogate	%Rec	Limits				
Trifluorotoluene	120	51-143				
Bromofluorobenzene	121	37-146				

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 1 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

# CHAIN OF CUSTODY FORM

Analyses

## Curtis & Tompkins, Ltd.

Analytical Laboratory Since 1878  
 2323 Fifth Street  
 Berkeley, CA 94710  
 (510)486-0900 Phone  
 (510)486-0532 Fax

C&T  
 LOGIN # 140169

Sampler: Ben MILLAR

Report To: Ben MILLAR

Company: JBR

Telephone: 801 943 4144

Fax: 801 942 1852

Project No: CAPE-02

Project Name: ALAMEDA

Project P.O.: CAPE-02

Turnaround Time: NORMAL

Laboratory Number	Sample ID.	Sampling Date Time	Matrix			# of Containers	Preservative				Field Notes
			Soil	Water	Waste		HCL	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	ICE	
FOR LABORATORY USE	MWJ-2R	7-15-99 0940	X			3	X			X	

X 8020 MIBS

Notes: JBR  
8160 SOUTH HIGHLANDER  
SANDY, UT 84093

RELINQUISHED BY:	RECEIVED BY:
<u>[Signature]</u> DATE/TIME: <u>7-15-99 0940</u>	<u>[Signature]</u> DATE/TIME: <u>7-15-99 0940</u>
DATE/TIME: _____	DATE/TIME: _____
DATE/TIME: _____	DATE/TIME: _____

Signature RECEIVED BY: \_\_\_\_\_