

KLEINFELDER

A consulting engineering firm providing Environmental, Geotechnical,
Materials Testing and Construction Management services since 1961.

~~JULIET~~
TO: Robert Weston *Ewa Chen*

FROM: Karen Faber

Name

ACHCSA

SENT BY: KK

Company

DATE: 9/8/98

Address

510-337-9335

TIME: _____

Fax Number

8

☐ Original Will Follow

Total Pages: (Including Cover Sheet)

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Comments:

Lab results from our geotechnical
investigation at 2415 Marinor Square Drive
in Alameda, per our conversation last week.

SEP 04 '98 16:57 TO-6289009

FROM-CURTIS & TOMPKINS

T-010 P.04/08 F-397



Curtis & Tompkins, Ltd.

TVH-Total volatile hydrocarbons

Client: Kleinfelder
Project#: 44-0001-61
Location: Mariner Hotel

Analysis Method: EPA 8015M
Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
135376-001 1		43137	08/27/98	09/04/98	09/04/98	11%

Matrix: Soil

Analyte	Units	135376-001
Diln Fac:		50
Gasoline C7-C12	mg/Kg	180 H
Surrogate		
Trifluorotoluene	%REC	98
Bromofluorobenzene	%REC	119

H: Heavier hydrocarbons than indicated standard

SEP 04 '98 16:57 TQ-6289009

FROM-CURTIS & TOMPKINS

T-010 P.05/08 F-397



Curtis & Tompkins, Inc.

BTKE

Client: Kleinfelder
 Project#: 44-0001-61
 Location: Mariner Hotel

Analysis Method: EPA 8020A
 Prep Method: EPA 5030

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
135376-001 1		43137	08/27/98	09/04/98	09/04/98	11%

Matrix: Soil

Analyte	Units	135376-001
Diln Fac:		50
Benzene	ug/Kg	<280
Toluene	ug/Kg	<280
Ethylbenzene	ug/Kg	1600
m,p-Xylenes	ug/Kg	890
o-Xylene	ug/Kg	1500
Surrogate		
Trifluorotoluene	µREC	112
Bromofluorobenzene	µREC	136

SEP 04 '98 16:58 TO-6289009

FROM-CURTIS & TOMPKINS

I-010 P.06/08 F-397

GC04 TVH 'J' Data File Rtx1FID

Sample Name : r.d.135376-001.43137
FileName : G:\GC04\DATA\246J016.raw
Method : TVHRTX2
Start Time : 0.00 min
Scale Factor : 1.0

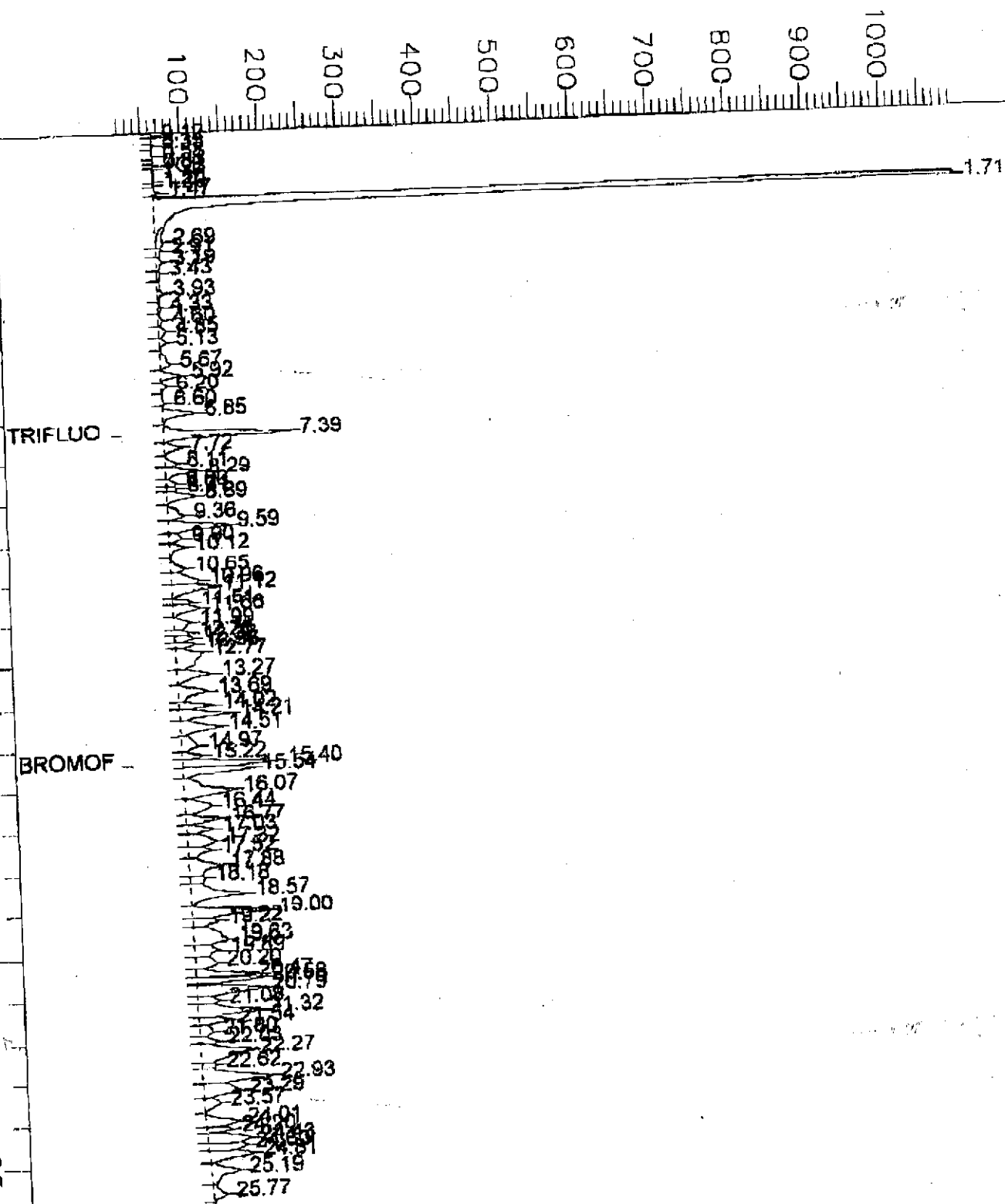
End Time : 26.00 min
Plot Offset : 13 mV

Sample #: 1:50
Date : 9/4/98 01:55 AM
Time of Injection: 9/4/98 01:28 AM
Low Point : 12.72 mV
Plot Scale: 1081.6 mV
High Point : 1094.34 mV

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Response [mV]

COMMON BASELINE Time [min]



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FROM-CURTIS & TOMPKINS

T-010 P.07/08 F-397

DRAFT

Curtis & Tompkins, Inc.

TKH-Tot Ext Hydrocarbons

Client: Kleinfelder
 Project#: 44-0001-61
 Location: Mariner Hotel

Analysis Method: EPA 8015M
 Prep Method: CA LUFT

Sample #	Client ID	Batch #	Sampled	Extracted	Analyzed	Moisture
135376-001 1		43151	08/27/98	09/03/98	09/04/98	11%

Matrix: Soil

Analyte	Units	135376-001
Diln Fac:		10
Diesel C12-C22	mg/Kg	7200 YH E
Surrogate		
Hexacosane	REC	DO

DO: Surrogate diluted out

Y: Sample exhibits fuel pattern which does not resemble standard

H: Heavier hydrocarbons than indicated standard

E: Estimated value, exceeds linear range of instrument

On 9/4/98

SEP 04 '98 16:57 TO-6289009

FROM-CURTIS & TONPKINS

T-010 P.03/08 F-397

Percent Moisture Summary Report

Date: 03-SEP-98
 Batch: 43105
 Analyst: MR

Sample	Method	Date	Tare(g)	Wet(g)	Dry(g)	Percent Solids	Percent Moisture
135364-021	CLP SOW 390	03-SEP-98	15.147	22.2827	20.7468	93	7
135364-022	CLP SOW 390	03-SEP-98	15.9705	22.6413	21.3871	81	19
135364-023	CLP SOW 390	03-SEP-98	15.7927	22.5581	21.0991	78	22
135364-024	CLP SOW 390	03-SEP-98	15.0982	22.8582	21.0993	77	23
135364-025	CLP SOW 390	03-SEP-98	15.0109	22.5024	20.7604	77	23
135364-026	CLP SOW 390	03-SEP-98	15.8405	22.5461	21.7399	88	12
135372-001	CLP SOW 390	03-SEP-98	15.4988	23.1972	22.336	89	11
135372-002	CLP SOW 390	03-SEP-98	15	23.5489	22.9297	93	7
135373-001	CLP SOW 390	03-SEP-98	15.0849	23.8126	23.5874	97	3
135373-002	CLP SOW 390	03-SEP-98	15.684	22.2006	21.795	93	7
135373-003	CLP SOW 390	03-SEP-98	15.7022	23.7477	22.859	89	11
135373-004	CLP SOW 390	03-SEP-98	15.6182	22.9883	22.4272	93	7
135376-001	CLP SOW 390	03-SEP-98	15.9316	23.2081	22.4198	89	11
QC78904	CLP SOW 390	03-SEP-98	15.3319	23.3494	22.505	89	11
at 135376-001						RPD: 0.3%	2.8%

CHAIN OF CUSTODY FORM

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Analyses

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878

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

C&T
 LOGIN #

135376

Project No: 44-0001-61
 Project Name: MARINERZ SQ HOTEL
 Project P.O.:
 Turnaround Time: 48 HOURS

Sampler: ANSON
 Report To: K. FAEZEL
 Company: KLEINFELDER
 Telephone: 510-628-9000
 Fax: 510-628-9009

Lab Number	Sample ID.	Sampling Date Time	Matrix			# of Containers	Preservative				Field Notes
			Soil	Water	Waste		HCl	H ₂ SO ₄	HNO ₃	ICE	
For Laboratory Use	(1)	8/27/98				1					BAC

Notes: Client left large bag of soil disposed @ lab on 9/1/98. Samples arrived ambient - for 9/2/98

RELINQUISHED BY:	RECEIVED BY:
<u>A. Dano</u> 9/2/98 11:05	<u>[Signature]</u> 9-2-98 11:05
DATE/TIME	DATE/TIME
DATE/TIME	DATE/TIME
DATE/TIME	DATE/TIME

Signature on this form constitutes a firm Purchase Order for the service requested above.

09/08/1998 08:02 510-628-9009
 SEP 04 '98 16:57 TO-6289009
 FROM-CURTIS & TOMPKINS
 KLEINFELDER OAKLAND
 T-010 P.02/08 F-397
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