

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

*Caltrans border
samplings*

August 2, 1993

Mr. Dariush Dastmalchi
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.
1252 Quarry Lane
Pleasanton, CA 94566

Client Ref.: 49872.07
Clayton Project No.: 93072.07

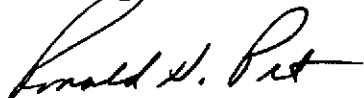
Dear Mr. Dastmalchi:

Attached is our analytical laboratory report for the samples received on July 23, 1993. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of after September 1, 1993, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Suzanne Silvera, Client Services Supervisor, at (510) 426-2657.

Sincerely,



Ronald H. Peters, CIH
Director, Laboratory Services
Western Operations

RHP/tjb
Attachments

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Burns' Cal / France

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August 2, 1993

Mr. Dariush Dastmalchi
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1252 Quarry Lane
Pleasanton, CA 94566

Client Ref.: 49872.07
Clayton Project No.: 93072.08

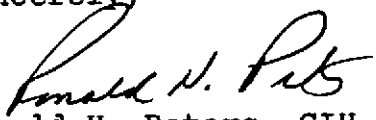
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Sincerely,



Ronald H. Peters, CIH
Director, Laboratory Services
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Attachments

Results of Analysis
for
Clayton Environmental Consultants, Inc.

Client Reference: 49872.07
Clayton Project No. 93072.08

Sample Matrix/Media: WATER
Preparation Method: EPA 3510
Analysis Method: EPA 8015 (Modified)

Date Received: 07/23/93
Date Prepared: 07/27/93
Date Analyzed: 07/28/93

Lab Number	Sample Identification	Date Sampled	TPH-D (ug/L)	Detection Limit (ug/L)
01A	BH-1	07/23/93	1,300 a	50
02A	BH-3	07/23/93	47,000 a	50
04A	METHOD BLANK	--	ND	50

ND Not detected at or above limit of detection
< Not detected at or above limit of detection
-- Information not available or not applicable

TPH-D = Extractable petroleum hydrocarbons from C10 to C42 quantitated as diesel.

a Hydrocarbons lighter than C10 also present and some of the hydrocarbons reported as TPH-D may be due to a lighter component. Kerosene cannot be distinguished from the other hydrocarbon components present in this sample.

Results of Analysis
for
Clayton Environmental Consultants, Inc.

Client Reference: 49872.07
Clayton Project No. 93072.08

Sample Matrix/Media: WATER Date Received: 07/23/93
Preparation Method: EPA 5030 Date Prepared: 07/28/93
Analysis Method: EPA 8015 (Modified) Date Analyzed: 07/28/93

Lab Number	Sample Identification	Date Sampled	TPH-G (ug/L)	Detection Limit (ug/L)
01B	BH-1	07/23/93	780 ^a	50
04A	METHOD BLANK	--	ND	50

ND Not detected at or above limit of detection
< Not detected at or above limit of detection
-- Information not available or not applicable

TPH-G = Volatile petroleum hydrocarbons from C4 to C12
quantitated as gasoline.

^a Purgeable hydrocarbons quantitated as gasoline may be due
to heavier petroleum product.

Results of Analysis
for
Clayton Environmental Consultants, Inc.

Client Reference: 49872.07
Clayton Project No. 93072.07

Sample Matrix/Media: SOIL
Preparation Method: SM 5520E
Analysis Method: SM 5520F

Date Received: 07/23/93
Date Prepared: 07/27/93
Date Analyzed: 07/29/93

Lab Number	Sample Identification	Date Sampled	Hydrocarbons (mg/kg)	Detection Limit (mg/kg)
01A	BH-1-6	07/23/93	480	50
02A	BH-1-10.5	07/23/93	ND	50
03A	BH-1-15.5	07/23/93	140	50
04A	BH-3-5.5	07/23/93	180	50
05A	BH-4-5.5	07/23/93	70	50
06A	BH-5-5.5	07/23/93	820	50
07A	BH-5-10.5	07/23/93	ND	50
08A	METHOD BLANK	--	ND	50

ND Not detected at or above limit of detection
< Not detected at or above limit of detection
-- Information not available or not applicable

Results are reported on a wet weight basis, as received

Results of Analysis
for
Clayton Environmental Consultants, Inc.

Client Reference: 49872.07
Clayton Project No. 93072.07

Sample Matrix/Media: SOIL
Preparation Method: EPA 3550
Analysis Method: EPA 8015 (Modified)

Date Received: 07/23/93
Date Prepared: 07/28/93
Date Analyzed: 07/29/93

Lab Number	Sample Identification	Date Sampled	TPH-D (mg/kg)	Detection Limit (mg/kg)
01A	BH-1-6	07/23/93	280 a,b	1
02A	BH-1-10.5	07/23/93	8 b	1
03A	BH-1-15.5	07/23/93	10 b	1
04A	BH-3-5.5	07/23/93	44 b	1
05A	BH-4-5.5	07/23/93	17 c	1
06A	BH-5-5.5	07/23/93	700 d	1
07A	BH-5-10.5	07/23/93	3 d	1
08A	METHOD BLANK	--	ND	1

ND Not detected at or above limit of detection
< Not detected at or above limit of detection
-- Information not available or not applicable

Results are reported on a wet weight basis, as received
TPH-D =Extractable petroleum hydrocarbons from C10 to C42
quantitated as diesel.

a Hydrocarbons lighter than C10 are also present and some of the hydrocarbons reported as TPH-D may be due to a lighter component.

b Kerosene cannot be distinguished from the other hydrocarbon components present in this sample.

c Sample appears to contain kerosene and heavier hydrocarbons in the range C20 to C42.

d Heavier hydrocarbons present in the range of C20 to C40. No kerosene pattern detected in this sample.

Note: Sample BH-1-6 analyzed on 07/30/93.
Method Blank analyzed on 07/28/93.

Results of Analysis
for
Clayton Environmental Consultants, Inc.

Client Reference: 49872.07
Clayton Project No. 93072.07

Sample Matrix/Media: SOIL
Preparation Method: EPA 5030
Analysis Method: EPA 8015 (Modified)

Date Received: 07/23/93
Date Prepared: 07/28/93
Date Analyzed: 07/29/93

Lab Number	Sample Identification	Date Sampled	TPH-G (mg/kg)	Detection Limit (mg/kg)
01A	BH-1-6	07/23/93	340 a	0.3
02A	BH-1-10.5	07/23/93	20 a	0.3
03A	BH-1-15.5	07/23/93	0.5 a	0.3
04A	BH-3-5.5	07/23/93	6.3 a	0.3
05A	BH-4-5.5	07/23/93	51 a	0.3
06A	BH-5-5.5	07/23/93	0.5 a	0.3
07A	BH-5-10.5	07/23/93	ND	0.3
08A	METHOD BLANK	--	ND	0.3

ND Not detected at or above limit of detection
< Not detected at or above limit of detection
-- Information not available or not applicable

Results are reported on a wet weight basis, as received
TPH-G = Volatile petroleum hydrocarbons from C4 to C12
quantitated as gasoline.
a Purgeable hydrocarbons quantitated as gasoline may be due
to heavier petroleum product.

Clayton

ENVIRONMENTAL CONSULTANTS

A Marsh & McLennan Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only Page 1 of 1

Project No. _____

Batch No. **9307207**

Ind. Code _____ W.P. _____

Date Logged In 7/23/93 By T. ALTON

REPORT RESULTS TO

Name Dennis Dastmalchi Title _____

Company _____ Dept. _____

Mailing Address _____

City, State, Zip _____

Telephone No. _____ Telefax No. _____

Purchase Order No. _____ Client Job No. _____

SEND INVOICE TO

Name GMC Truck

Company _____ Dept. _____

Address _____

City, State, Zip _____

Date Results Req.: Rush Charges Authorized? Yes No Phone / Fax Results

Special Instructions: (method, limit of detection, etc.)
5 day Turn around

Explanation of Preservative: _____

Samples are: (check if applicable)
 Drinking Water
 Collected in the State of New York

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added. *)

*TPH-5
TPH-10/KENNESAW
026 5520/1/4/93*

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	Number of Containers	ANALYSIS REQUESTED			FOR LAB USE ONLY
BH-1-6	7/23/93	Soil	2x16 BC	1	X	X	X	01A
BH-1-10.5				1	X	X	X	02
BH-1-15.5				1	X	X	X	03
BH-3-5.5				1	X	X	X	04A
BH-4-5.5				1	X	X	X	05A
BH-5-5.5				1	X	X	X	06A
BH-5-10.5				1	X	X	X	07

CHAIN OF CUSTODY

Collected by: _____ (print) Collector's Signature: Dennis Dastmalchi

Relinquished by: Dennis Dastmalchi Date/Time 7/23/93 6:00

Relinquished by: _____ Date/Time _____

Method of Shipment: _____

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Received by: _____ Date/Time _____

Received at Lab by: Jammi R. Alton Date/Time 7/23/93 6:00

Sample Condition Upon Receipt: Acceptable Other (explain)

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

- 22345 Roethel Drive
Novi, MI 48375
(313) 344-1770
- Raritan Center
160 Fieldcrest Ave.
Edison, NJ 08837
(908) 225-6040
- 400 Chastain Center Blvd., N.W.
Suite 490
Kennesaw, GA 30144
(404) 499-7500
- 1252 Quarry Lane
Pleasanton, CA 94566
(510) 426-2657

DISTRIBUTION:

WHITE - Clayton Laboratory

YELLOW - Clayton Accounting

PINK - Client Retains

Clayton

ENVIRONMENTAL CONSULTANTS

A Marsh & McLennan Company

REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only Page 1 of 1

Project No. _____

Batch No. **9307208**

Ind. Code _____ W.P. _____

Date Logged In 7/23/93 By T. ALTON

REPORT RESULTS TO	Name <u>James L. DeStefano</u>		Title _____		Purchase Order No. _____		Client Job No. _____			
	Company _____		Dept. _____		Name <u>GMC Truck</u>		Dept. _____			
	Mailing Address _____				Address _____					
	City, State, Zip _____		Telephone No. _____		City, State, Zip _____		Telefax No. _____			
Date Results Req.: _____		Rush Charges Authorized? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Phone / Fax Results <input type="checkbox"/> <input type="checkbox"/>		Samples are: (check if applicable)				
Special Instructions: (method, limit of detection, etc.) <u>Volvo Turnaround BH-3 H2O2 180VLT</u>		Explanation of Preservative: <u>R = HCl</u>		<input type="checkbox"/> Drinking Water		<input type="checkbox"/> Collected in the State of New York				
CLIENT SAMPLE IDENTIFICATION				DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	Number of Containers	ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added. *)		
BH-1				7/23/93	water	1 qt			1	FOR LAB USE ONLY
↓					↓	2 VOA			2	
BH-3				7/23/93	WATER	(500ml)			1	
Try Bulk 006193-HCl (2)					WATER	400ml	2	03A, B		
Collected by: <u>James L. DeStefano</u>		(print)		Collector's Signature: <u>James L. DeStefano</u>		Date/Time: <u>7/23/93</u>		Received by: _____		
Relinquished by: _____		Date/Time: _____		Received at Lab by: <u>Jean B. Bullock</u>		Date/Time: <u>7/23/93</u>		Sample Condition Upon Receipt: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Other (explain) <u>6:15 PM</u>		
Method of Shipment: _____		Date: _____		* - LIMITED SAMPLE VOLUME LESS THAN ~500ml						

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

- 22345 Roethel Drive, Novi, MI 48375 (313) 344-1770
- Paritan Center, 160 Fieldcrest Ave., Edison, NJ 08837 (908) 225-6040
- 400 Chastain Center Blvd., N.W., Suite 490, Kennesaw, GA 30144 (404) 499-7500
- 1252 Quarry Lane, Pleasanton, CA 94566 (510) 426-2657

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