



FACIMILE TRANSMITTAL

CERTIFIED ENVIRONMENTAL CONSULTING, INC.

140 West Industrial Way Benicia, CA 94510 Phone (707) 745-0171 FAX (707) 745-0163 or call (800) 447-0171

To:

NAME <i>Susan Hugo</i>	DATE AND TIME OF TRANSMISSION <i>5-14-92</i>
COMPANY <i>Alameda Co. Health</i>	FAX NUMBER <i>510 569-4757</i>

From:

NAME <i>David W. Tannoy</i>
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Reference:

SUBJECT <i>Analytical Results for Quik Stop #47</i>
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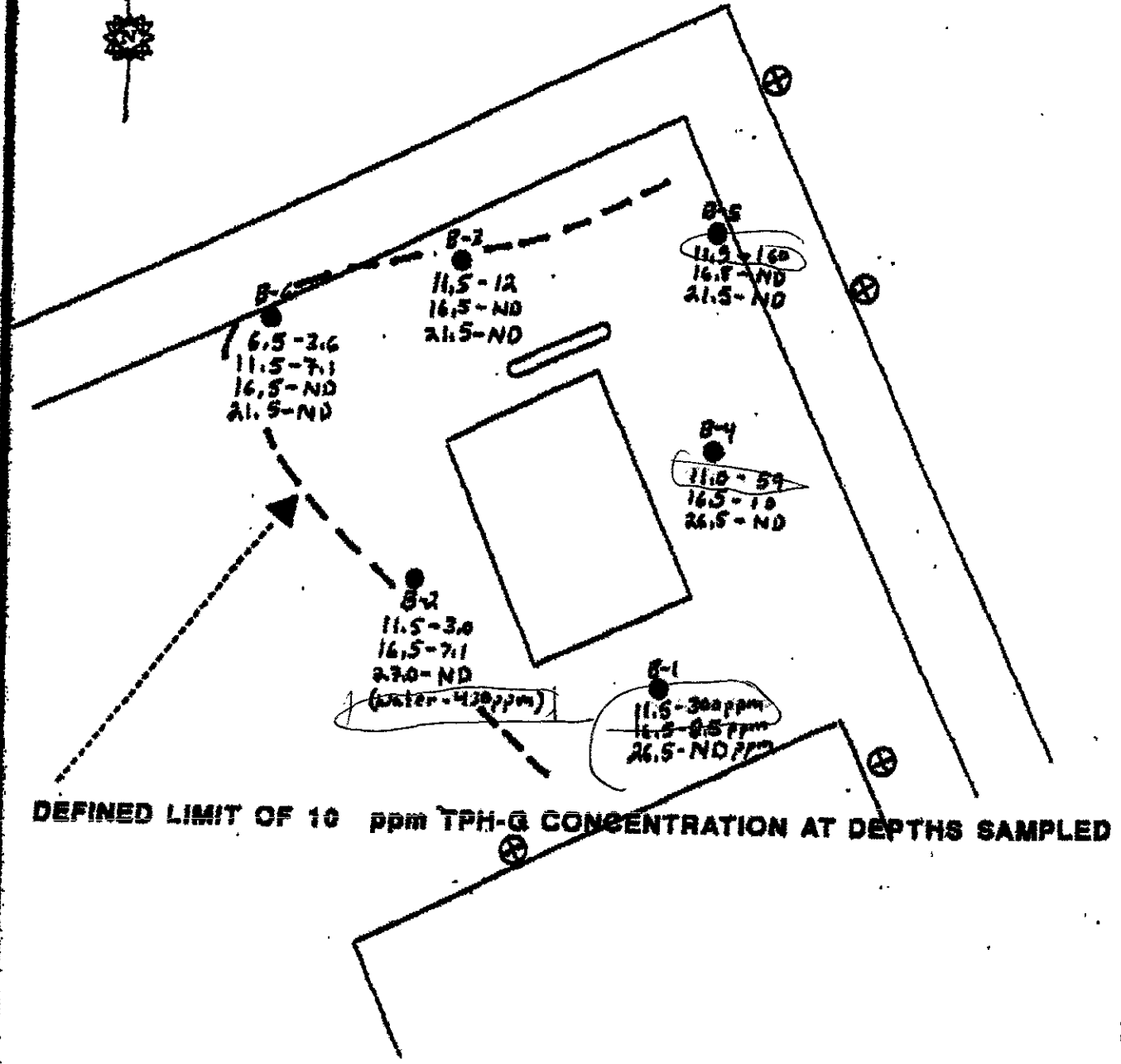
Message:

*Dear Susan,*  
*This transmission includes the data we just spoke about.*

*Thanks David*

Original being sent via mail  Yes  No

If you have a problem or questions concerning this facimile please call *David* at 707-745-0171



**DEFINED LIMIT OF 10 ppm TPH-G CONCENTRATION AT DEPTHS SAMPLED**

- Existing Borings
  - ⊕ Proposed Boring Locations
- Values in ppm of TPH-G

Scale 1"=20'  
 0 FEET 20

ND = Not Detected



Figure 1

**SOIL BORINGS LOCATION MAP**  
 Quick Stop Market #47  
 5001 MacArthur Blvd.  
 Oakland, CA

Table 1. Analytical Results from Soil Borings

Boring, Depth below grade in feet	Matrix	TPH-B mg/Kg	Benzene mg/Kg	Toluene mg/Kg	EthylBenzene mg/Kg	Xylenes mg/Kg
B-0, 11-11.5	soil	300	0.11	0.64	0.64	0.76
B-1, 16-16.5	soil	8.3	ND	0.058	0.040	0.024
B-1, 26-26.5	soil	ND	ND	ND	ND	ND
B-2, 11-11.5	soil	3.0	ND	ND	0.026	0.022
B-2, 16-16.5	soil	7.1	0.020	0.038	0.020	0.030
B-2, 26.5-27	soil	ND	ND	ND	ND	ND
B-3, 11-11.5	soil	12	ND	0.66	0.36	1.3
B-3, 16-16.5	soil	ND	ND	ND	ND	ND
B-3, 21-21.5	soil	ND	ND	ND	ND	ND
B-4, 10.5-11	soil	29	0.019	0.13	0.15	0.26
B-4, 16-16.5	soil	10	0.013	0.058	0.042	0.040
B-4, 26-26.5	soil	ND	ND	ND	ND	ND
B-5, 11-11.5	soil	160	0.093	0.53	0.59	0.33
B-5, 16-16.5	soil	ND	ND	ND	ND	ND
B-5, 21-21.5	soil	ND	ND	ND	ND	ND
B-6, 6-6.5	soil	3.6	ND	ND	0.005	0.026
B-6, 11-11.5	soil	7.1	ND	0.019	0.038	0.024
B-6, 16-16.5	soil	ND	ND	ND	ND	ND
B-6, 21-21.5	soil	ND	ND	ND	ND	ND
B-2,	water	430	2.0	1.7	3.3	1.2

<b>McCAMPBELL ANALYTICAL INC.</b>	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622
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Certified Environmental Consultants 140 West Industrial Way Benecia, CA 94510-1016	Client Project ID: 92-221-751; Quick Stop #47, Oakland	Date Sampled: 04/29/92
	Client Contact: Dave Janney	Date Received: 05/06/92
	Client P.O.	Date Extracted: 05/06/92
		Date Analyzed: 05/08-05/09/92

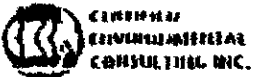
<b>Low Boiling Point (C6-C12) TPH* as Gasoline and BTEX*</b> <small>EPA methods 5030, modified 8015, and 8020 or 602; California RWOCB (SF Bay Region) method GC/FID(S080)</small>								
Lab ID	Client ID	Matrix	TPH(G) <sup>+</sup>	Benzene	Toluene	Ethyl Benzene	Xylenes	% Rec. Surrogate
120574	B-1-16-16.5	S	8.5, <sup>e</sup>	ND	0.058	0.040	0.024	95
120575	B-2-11-11.5	S	3.0, <sup>e</sup>	ND	ND	0.026	0.022	95
120576	B-3 16-16.5	S	ND, <sup>e</sup>	ND	ND	ND	ND	94
120577	B-4 16-16.5	S	10, <sup>e</sup>	0.013	0.058	0.042	0.040	96
120578	B-5 16-16.5	S	ND, <sup>e</sup>	ND	ND	ND	ND	97
120579	B-6 6-6.5	S	3.6, <sup>b</sup>	ND	ND	0.005	0.026	100
120580	B-6 16-16.5	S	ND	ND	ND	ND	ND	96
Detection Limit unless otherwise stated; ND means Not Detected	W	50 ug/L	0.5	0.5	0.5	0.5	0.5	
	S	1.0 mg/kg	0.005	0.005	0.005	0.005	0.005	

\*water samples are reported in ug/L and soils in mg/kg

#cluttered chromatogram; sample peak co-elutes with surrogate peak

<sup>+</sup>The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately unmodified or weakly modified gasoline; b) heavier gasoline range compounds predominate (aged gasoline?); c) lighter gasoline range compounds predominate (the most mobile gasoline compounds); d) heavy and light gasoline range compounds predominate (aged gasoline together with introduced light compounds?); e) gasoline range compounds predominate; no recognizable pattern; f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds predominate.

*EH* Edward Hamilton, Lab Director



CERRILIA  
CIVIL/INDUSTRIAL  
CONSULTING INC.  
140 West Industrial Way, Benicia, CA, 94510-1016  
Ofc. (707) 745-0171 (800) 447-0171 Fax. (707) 745-0163

# Chain of Custody Record

Date 5-6-92 Sheet 1 of 1

Project Number: 92-221-751  
Project Name: Quick Stop #47  
Address: Oakland, CA

Sampler's Name: David W. Janney  
Sampler's Signature: David W. Janney

### Parameters

TPH as Gasoline 8015	TPH as Diesel 8015	TPH-C and B.T.E.X 8015/8020	B.T.X. & E. 8020	Oil and Grease 5520	Volatile Organics (8010)	CAM Metals (17)	Pr. Pollutant Metals (13)	Base/Neu/Acids (Organic)	Pesticides 8140/8141	Matrix (Soil/Water)
		X								S
		X								S
		X								S
		X								S
		X								S
		X								S
		X								S

Lab Name: McCampbell  
Address: 110 2nd Ave South 977  
Duckhorn, CA 94553

Phone Number: (510) 798-1620

Turnaround Time

Rush 24 Hour  
 48 Hour  
 5-Day

Report by: D. Janney

Comments

Sample Number	Location	Date	Time
B-1-16-16.5		4-28-92	8:19
B-2-11-11.5		"	9:40
B-3-16-16.5		"	11:13
B-4-16-16.5		"	13:00
B-5-16-16.5		"	14:28
B-6-6-6.5		"	15:25
B-6-16-16.5		"	15:50

KEEP IN GOOD CONDITION  
HEAD SPACE ABSENT  
PRESERVATIVE APPROPRIATE  
CONTAINERS

Released By	Date	Time	Received By	Date	Time
<u>David W. Janney</u> <u>Kathryn Kromer</u>	<u>5-6-92</u>	<u>4:30</u>	<u>Kathryn Kromer</u>	<u>5/6/92</u>	<u>4:30</u>
Dispatched By	Date	Time	Received in Lab By	Date	Time
<u>Kathryn Kromer</u>	<u>5/6/92</u>	<u>5:00</u>	<u>[Signature]</u>	<u>5-6-92</u>	<u>5:00</u>

Total Number of Containers This Sheet: 7  
Method of Shipment: Carrier  
Special Shipment / Handling or Storage Requirements: 5 day TAT

Certified Environmental Consultants 140 West Industrial Way Benecia, CA 94510-1016	Client Project ID: 92-221-751; Quick Stop #47, Oakland	Date Sampled: 04/29/92
	Client Contact: Dave Janney	Date Received: 05/01/92
	Client P.O.:	Date Extracted: 05/02/92
		Date Analyzed: 05/04/92

Low Boiling Point (C6-C12) TPH* as Gasoline and BTEX* EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(S030)								
Lab ID	Client ID	Matrix	TPH(G) <sup>+</sup>	Benzene	Toluene	Ethyl Benzene	Xylenes	% Rec. Surrogate
120539	B-1,11-11.5	S	300,e	0.11	0.44	0.64	0.76	86
120540	B-2,16-16.5	S	7.1,e	0.028	0.038	0.028	0.030	102
120541	B-3,11-11.5	S	12,e	ND	0.66	0.34	0.13	80
120542	B-4,10.5-11	S	39,e	0.019	0.13	0.18	0.26	97
120543	B-5,11-11.5	S	160,e	0.093	0.53	0.59	0.33	109
120544	B-6,11-11.5	S	7.1,e	ND	0.019	0.038	0.024	93
120545	B3H2O	W	430,e,c	2.8	1.7	3.3	1.2	93
Detection Limit unless otherwise stated; ND means Not Detected		W	50 ug/L	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.005	0.005	0.005	0.005	

\*water samples are reported in ug/L and soils in mg/kg  
 \*cluttered chromatogram; sample peak co-elutes with surrogate peak  
<sup>+</sup>The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately unmodified or weakly modified gasoline; b) heavier gasoline range compounds predominate (aged gasoline?); c) lighter gasoline range compounds predominate (the most mobile gasoline compounds); d) heavy and light gasoline range compounds predominate (aged gasoline together with introduced light compounds?); e) gasoline range compounds predominate; no recognizable pattern; f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds predominate.

*EH* Edward Hamilton, Lab Director



ENVIRONMENTAL  
FORENSICS INC.

# Chain of Custody Record

140 West Industrial Way, Benicia, CA, 94510-1016  
 Ofc. (707) 745-0171 (800) 447-0171 Fax: (707) 745-0163

Date: 5/1/92 9:28 AM L of 1

Project Number: 92-221-751  
 Project Name: Quick Stop # 47  
 Address: Oakland

Sampler's Name: David W. Janney  
 Sampler's Signature: *David W. Janney*

Lab Name: P.O. Box 10000, Benicia, CA 94510  
 Address: 1100 Redwood Street, Benicia, CA 94510  
 Phone Number: 278-2982-1620

Turnaround Time  
 Rush 24 Hours  
 48 Hours  
 10 Days  
 5-8 Day  
 Day out to: *Dist. to client*  
 Comments:

Sample Number	Location	Date	Time	TPH on Gasoline 8015	TPH on Diesel 8015	TPH on Oil and Grease 8015	RTX & E 8020	Oil and Grease 8020	Volatile Organics (8010)	CAM Metals (17)	P. Polychlorinated Biphenyls (18)	Trace Metals/Alkalis (Organic)	Residues	Notes (Self-Notes)
B-1	11-16.5	4-29-92	9:10											S 120534
B-2	16-16.5	11	9:30											S 120590
B-3	11-16.5	11	11:02											S 120571
B-4	16.5-11	11	12:59											S 120543
B-5	11-16.5	11	14:20											S 120571
B-6	11-16.5	11	15:40											S 120543
B-3 H2O	B-3	11	11:15											S 120535

NEET ✓  
 GOOD CONDITION  
 HEAD SPACE ASSESS ✓  
 PRESERVATION IN  
 APPROPRIATE  
 CONTAINERS ✓

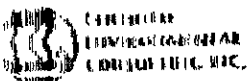
Released by	Date	Time	Received by	Date	Time
<i>David W. Janney</i>	5/1/92	9:42	<i>Allen Cleary</i>	5/1/92	11:00
<i>Allen Cleary</i>	5/1/92	11am	<i>Tommy Tucker</i>	5-1-92	1:04
<i>Tommy Tucker</i>	5-1-92	4:10 PM	<i>Allen Cleary</i>	5-1-92	2:16

Total Number of Containers This Event: 6  
 Method of Disposition: *See file*  
 Special Shipping/Handling or Storage Requirements: *5 day TAT*

MAY 14 '92 17:22 CERTIFIED: BENICIA







# Chain of Custody Record

140 West Industrial Way, Benicia, CA, 94510-1016  
Tel: (707) 745-0171 (800) 447-0171 Fax: (707) 745-0163

Date: 5-9-92

Project Number: 92-281-751  
Project Name: Quik Stop Market  
Address: Oakland, CA

Supplier Name: David W. Janney  
Supplier's Signature: *David W. Janney*

Lab Name: ETL, Inc. #1  
Address: 2100 Redwood Blvd, Suite 100  
Oakland, CA 94612

Phone Number: (510) 791-1622  
"Barman" Time  
 24 Hour  48 Hr or 5 Day  
Fax to: *David W. Janney*

Sample Number	Location	Date	Time	TEST AS COLLECTED	TEST AS RECEIVED	TEMP AND BULK	STORAGE	Oil and Grease (M)	Volatile Organics (VOC)	SEM Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)	PCP Metals (M)
B 1	26-26.5	4-21-92	11:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B 2	26.5-27	"	10:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B 3	21-21.5	"	11:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B 4	26-26.5	"	13:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B 5	21-21.5	"	15:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B 6	21-21.5	"	16:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Container	Time
S	12:01:48
S	12:05:48
S	12:05:10
S	12:05:17
S	12:05:12
S	12:05:13

Received by	Date	Time	Received by	Date	Time
<i>David W. Janney</i>	5-5-92	1:30			

Total Number of Containers This Sheet: 6  
 Method of Shipment: *Carriage*  
 Special Temperature Handling or Storage Requirements: *5 Day 7-17*

MAY 14 '92 17:24 CERTIFIED: BENICIA