

Growth Environmental Services, Inc.

(Formerly Certified Environmental Consulting, Inc.)

536 Stone Road, Suite J
Benicia, CA 94510
(707) 745-0171
Fax: (707) 745-0163

FAX TRANSMISSION COVER SHEET

Date: 3/3/95

To: Eva Chu

Fax #: (510) 337 - 9335

Re: VA Med Center Tank pull

From: Michael Davis

560 gal VST at Bldg 64
1-2K; 2-750 gasoline at Bldg 79

YOU SHOULD RECEIVE [Pages (including cover sheet)] 5 PAGE(S),
INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE
ALL THE PAGES, PLEASE CALL <(707) 745-0171>.

Here's the analytical you requested.
Please let me know if I can give them the
O.K. to backfill.

HARD COPY TO FOLLOW: YES ___ NO



ENVIRONMENTAL
LABORATORY, INC.

CITAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No. 1425
Laboratory: Please Call Accounts Payable for P.O. No.

536 Stone Road, Ste. J., Benifein, CA 94510-0016
(Tel. (707) 745-0171 (800) 228-0171 Fax. (707) 745-0163)

Date: 2/24/95 Sheet 1 of 1

Project Number: 173-631
Project Name: Vet. Med. Center
Address: 4900 Arroyo Rd.

Sampler's Name: Michael Davis
Sampler's Signature: Michael Davis

Parameters

Sample Number	Location	Date	Time	TPH as Gasoline 8015	TPH as Diesel 8015	TPH-G and B, T.E.X. 8015/8020	B.T.X. & E 8020	Oil and Grease 5520	Volatile Organics (8010)	CAM Metals (17)	Pt. Pollutant Metals (15)	Base/Neu/Acids (Organic)	Pesticides 8140/8141	Total Lead	Mercury (500/400)
560-D	@ 7'	2/24/95	10:25 A.M.		X	X									
560-D	sthp.		10:30 A.M.		X	X									
750-G	North @ 8'		11:40 A.M.			X								X	
750-G	South @ B'		11:45 A.M.			X								X	
2000-G	North @ 9.5'		12:15 P.M.			X									
2000-G	South @ 9.5'		12:00 P.M.			X									
750-G	sthp. 1		12:35 P.M.			X								X	
750-G	sthp. 2		12:35 P.M.			X								X	
2000-G	sthp. 1		12:30 P.M.			X									
2000-G	sthp. 2		12:30 P.M.			X									

Laboratory Name: Environmental Laboratory, Inc.
Address: _____
Phone Number: _____
Turnaround Time: _____
Reprint fee: _____

50440
50441
50442
50443
50444
50445

GET GOOD CONTAINERS HEAD SPACE ABSENT
PRESERVATIVE APPROPRIATE CONTAINERS

Dispatched By	Date	Time	Received By	Date	Time
<u>Michael Davis</u>	<u>2/24/95</u>	<u>1:50 PM</u>	<u>[Signature]</u>	<u>2/24/95</u>	<u>1:50 PM</u>
Dispatched By	Date	Time	Received In Lab By	Date	Time

Total Number of Containers This Sheet: 10
Method of Shipment: Delivered
Special Shipment / Handling or Storage Requirements: on ice in ice chest.

50446
50447
50448
50449

McCAMPBELL ANALYTICAL INC. 110 2nd Avenue South, #D7, Pacheco, CA 94553
 Tele: 510-798-1620 Fax: 510-798-1622

Growth Environmental Services 536 Stone Road, Ste. J Benicia, CA 94510-1016	Client Project ID: # 173-631; Vet. Med. Center	Date Sampled: 02/24/95
	Client Contact: Michael Davis	Date Received: 02/24/95
	Client P.O: # 1425	Date Extracted: 02/24/95
		Date Analyzed: 02/24-02/25/95

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method QCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)*	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
50440	560-D @ 7'	S	--	ND	ND	ND	ND	97
50441	560-D Stkp	S	---	ND	ND	ND	ND	96
50442	750-G North 8'	S	ND	ND	ND	ND	ND	94
50443	750-G South 8'	S	1.7,b	ND	0.005	0.005	0.042	91
50444	2000-G North 9.5'	S	4.4,b	0.013	0.081	0.040	0.29	90
50445	2000-G South 9.5'	S	ND	ND	ND	ND	ND	95
50446	750-G Stkp 1	S	ND	ND	ND	ND	ND	96
50447	750-G Stkp 2	S	4.6,d	ND	0.013	ND	0.062	87
50448	2000-G Stkp 1	S	ND	ND	ND	ND	ND	97
50449	2000-G Stkp 2	S	ND	ND	ND	ND	ND	92
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, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak co-elutes with surrogate peak

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant (aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds are significant; no recognizable pattern; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible phase is present.



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Growth Environmental Services 536 Stone Road, Ste. J Benicia, CA 94510-1016	Client Project ID: # 173-631; Vet. Med. Center	Date Sampled: 02/24/95
	Client Contact: Michael Davis	Date Received: 02/24/95
	Client P.O. # 1425	Date Analyzed: 02/26-02/27/95
		Date Extracted: 02/24/95

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *
 EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GC/FID(3550) or GC/FID(3510)

Lab ID	Client ID	Matrix	TPH(d)†	% Recovery Surrogate
50440	560-D @ 7'	S	ND	97
50441	560-D Skp	S	9.9,a	97
Detection Limit unless other- wise stated; ND means Not Detected	W	50 ug/L		
	S	10 mg/kg		

*water samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; surrogate and sample peaks co-elute or surrogate peak is on elevated baseline

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) modified diesel(?); light(CL) or heavy(CH) diesel compounds are significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel(?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible phase is present.

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Growth Environmental Services 536 Stone Road, Ste. J Benicia, CA 94510-1016	Client Project ID: # 173-631; Vet. Med. Center			Date Sampled: 02/24/95
	Client Contact: Michael Davis			Date Received: 02/24/95
	Client P.O.: # 1425			Date Extracted: 02/27/95
				Date Analyzed: 02/27/95
Lead*				
EPA analytical method 239.2 or 7420*				
Lab ID	Client ID	Matrix	Extraction ^o	Lead ^o
50442	750-G North 8'	S	TTLC	26
50443	750-G South 8'	S	TTLC	42
50446	750-G Skp 1	S	TTLC	30
50447	750-G Skp 2	S	TTLC	31
Detection Limit unless otherwise stated; ND means Not Detected	W	TTLC		0.005mg/L
	S	TTLC		4.0 mg/kg
	—	STLC, TCLP		0.20 mg/L
* soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L				
o Lead is analyzed using EPA method 7420 (AA Flame) for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples				
o EPA extraction methods 3111 (TCLP), 3010/3020 (water, TTLC), 3040 (organic matrices, TTLC), 3050 (solids, TTLC). STLC from CA Title 22				

DHS Certification No. 644


Edward Hamilton, Lab Director