

Growth Environmental Services, Inc.
 (Formerly Certified Environmental Consulting, Inc.)

536 Stone Road, Suite J
 Benicia, CA 94510
 (707) ~~745-0171~~ → 863-4171
 Fax: (707) 745-0163

FAX TRANSMISSION COVER SHEET

Date: 5/24/95

To: Eva Chu

Fax #: (510) 339-9335

Re: VA Livermore

From: Michael Davis

- ok to use Bldg 65 step 1, 1A to budget.
- Add 65 step 2 to 62-500 step for disposal

**YOU SHOULD RECEIVE [Pages (including cover sheet)] 4 PAGE(S),
 INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE
 ALL THE PAGES, PLEASE CALL <(707) 745-0171>.**

Please call me if you have any
 questions/suggestions.

HARD COPY TO FOLLOW: YES ___ NO

MCCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622
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Growth Environmental Services 536 Stone Road, Suite J Benicia, Ca. 94510-1016	Client Project ID: VA Med Center, Livermore	Date Sampled: 05/19/95
	Client Contact: Michael Davis	Date Received: 05/19/95
	Client P.O:	Date Extracted: 05/19/95
		Date Analyzed: 05/22-05/23/95

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *
 EPA methods modified 9015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or QCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)*	% Recovery Surrogate
52669	Bld-62-500-D	S	ND	95
52670	Bld-62-500-D Stkp	S	210,a	96
52671	Bld-65-N	S	2100,a	95
52672	Bld-65-E	S	21,a	95
52673	Bld-65-Stkp1	S	73,a	95
52674	Bld-65-Stkp1A	S	8.2,a	98
52675	Bld-65-Stkp2	S	200,a	100
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

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

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+ 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) aged diesel? is 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 sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

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		Date Analyzed: 05/20/95

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*
EPA methods 8030, modified 8013, and 8030 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) ⁺	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
52669	Bld-62-500-D	S	---	ND	ND	ND	ND	104
52670	Bld-62-500-D Stkp	S	---	ND	ND	ND	0.029	100
52671	Bld-65-N	S	---	ND	ND	ND	ND	100
52672	Bld-65-E	S	---	ND	ND	ND	ND	101
52673	Bld-65-Stkp1	S	---	ND	ND	ND	0.011	98
52674	Bld-65-Stkp1A	S	---	ND	ND	ND	ND	108
52675	Bld-65-Stkp2	S	---	ND	ND	ND	ND	109
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	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 and vapor samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak coelutes 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 having broad chromatographic peaks are significant; biologically altered gasoline?; 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 sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

CHROMALAB, INC.

Environmental Services (SOS)

May 23, 1995

Submission #: 9505265

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: VIA MED CENTER

Received: May 19, 1995

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.

Sample ID: Blg-65-N

Spl#: 89262

Sampled: May 19, 1995

Method: EPA 3550/8270

Matrix: SOIL

Run#: 6757

Extracted: May 22, 1995

Analyzed: May 22, 1995

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE RESULT (%)
NAPHTHALENE	N.D.	0.05	N.D.	--
2- METHYLNAPHTHALENE	N.D.	0.05	N.D.	--
2- CHLORONAPHTHALENE	N.D.	0.05	N.D.	--
ACENAPHTHYLENE	N.D.	0.05	N.D.	--
ACENAPHTHENE	N.D.	0.05	N.D.	87
FLUORENE	N.D.	0.05	N.D.	--
PHENANTHRENE	N.D.	0.05	N.D.	--
ANTHRACENE	N.D.	0.05	N.D.	--
FLUORANTHRENE	N.D.	0.05	N.D.	--
PYRENE	0.05	0.05	N.D.	78
BENZO (A) ANTHRACENE	N.D.	0.05	N.D.	--
CHRYSENE	N.D.	0.05	N.D.	--
BENZO (B) FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO (K) FLUORANTHENE	N.D.	0.05	N.D.	--
BENZO (A) PYRENE	N.D.	0.05	N.D.	--
IDENO (1, 2, 3-CD) PYRENE	N.D.	0.05	N.D.	--
DIBENZO (A, R) ANTHRACENE	N.D.	0.05	N.D.	--
BENZO (GHI) PERYLENE	N.D.	0.05	N.D.	--


 Alex Tam
 Chemist

Ali Kharrazi
 Organic Manager