McCAMPBELL ANALYTICAL INC.
110 2nd Ave South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Date: 8-7-98

ATTN: Tom Reese / Scott Seamy

Message: Faxed to both

FROM: Jim Cluggish

Number of pages faxed including this one: _____

CHAIN OF CUSTODY REPORT

11947 XPC2.doc

JOB NUMBER AND NAME: D-Bin tank

REPORT AND BILL TO: Reese Construction
2133 Parkside Dr Hayward Ca 94542

TURNAROUND TIME: 48hr

SAMPLER: Tom Reese

DATE: 8/4/98

ANALYSIS REQUESTED

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	CONTAINERS NUMBER	CONTAINERS TYPE*	SAMPLING TIME/DATE	TPH-D	BTEX	REMARKS
T-1	10' bgs tank bottom	1	G	4:30	X	X	please call to
SP-1	Stockpile	1	G	4:30	X	X	Scott Seery
							510-337-9335
							call
							Tom Reese
							510-581-7337
							by Friday noon

[redacted]

	VOAS	O&G	METALS	OTHER
PRESERVATION				

ICE/T ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
APPROPRIATE CONTAINERS ✓

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
RELINQUISHED BY: Tom Reese	DATE: 8/5/98	TIME: 11:20	RECEIVED IN LAB BY: Nicki Green

Laboratory Use Only:

	Yes	No
Were samples:		
preserved/on ice?	✓	
in good condition?	✓	
labeled?	✓	

* G = Grab C = Composite W = Wipe

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Reese Construction	Client Project ID: Dublin Tank	Date Sampled: 08/04/98
26133 Parkside Drive		Date Received: 08/05/98
Hayward, CA 94542	Client Contact: Tom Reese	Date Extracted: 08/05/98
	Client P.O:	Date Analyzed: 08/05-08/06/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GC/FID(5030)

Lab ID	Client ID	Matrix	TPH(g)[1]	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
93129	T-1	S	---	---	ND	0.024	ND	0.60	105
93130	SP-1	S	---	---	ND	0.028	ND	0.15	101
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, oil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/l

[1] cluttered chromatogram; sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are [illegible] nature and McCampbell Analytical is not responsible for the interpretation: a) unmodified or weakly modified gasoline is identified, b) heavier gasoline range compounds are significant (aged gasoline?), c) lighter gasoline range compounds (the most volatile fraction) are significant, d) gasoline range compounds having broad chromatographic peaks are significant, e) biologically altered gasoline? or 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.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: Dublin Tank	Date Sampled: 08/04/98
		Date Received: 08/05/98
	Client Contact: Tom Reese	Date Extracted: 08/05/98
	Client P.O:	Date Analyzed: 08/05/98

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	% Recovery Surrogate
93129	T-1	S	960,b,a	103
93130	SP-1	S	820,b,a	108
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in ug/l

+ cluttered chromatogram resulting in co-eluted 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 the 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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Edward Hamilton, Lab Director

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INVOICE FOR ANALYTICAL SERVICES

Attention: Accounts Payable

Reese Construction	Client Project ID: Dublin Tank	Date Sampled: 08/04/98
26133 Parkside Drive		Date Received: 08/05/98
Hayward, CA 94542	Client Contact: Tom Reese	Date Extracted: 08/05/98
	Client P.O:	Date Analyzed: 08/05/98

Billing Date: 08/12/98 Invoice # 11947

Number of Samples	Analysis	TAT	Unit Price	Sub-Total
2	TPH(g)-BTEX MTBE	48hr	$67.50	$135
2	TPH (d/k/mo)	48hr	$67.50	$135
0	Oil & Grease (418.1 or 5520)	5d	$45	$0
0	EPA 601 / 8010 / EDB	5d	$60	$0
0	EPA 624 / 8240 / 8260	5d	$125	$0
0	EPA 625 / 8270	5d	$180	$0
0	PCB / Chlorinated Pesticides, EPA 608 / 8080	5d	$50 / $75	$0
0	RCI	5d	$70	$0
0	CAM 17 Metals	5d	$125	$0
0	13 Priority Pollutant Metals	5d	$110	$0
0	RCRA 8 Metals	5d	$80	$0
0	5 LUFT Metals	5d	$50	$0
0	Individual Metal (AA Flame,Furnace, ICP)	5d	$15	$0
0	Organic Lead	5d	$60	$0
0	STLC Extraction	5d	$50	$0
0	ZHE TCLP Extraction	5d	$100	$0
0	Semi-Volatile TCLP Extraction	5d	$50	$0
0		Subbed	$0	$0
INVOICE TOTAL : $270				

Please include the invoice number(s) with your check and remit to:

McCampbell Analytical Inc.
110 2nd Avenue South, #D7
Pacheco, CA 94553

Terms are net 30 days from the billing date. After this period 1.5% interest per month will be charged. Overdue accounts are responsible for all legal and collection fees. If you have any questions about billing please contact Accounts Receivable at McCampbell Analytical.