

FAX COVER SHEET

Date: July 27, 1998

TO: Eva Chew

Fax #: 337-9335

FROM:

Tom Reese

**Reese Construction
26133 Parkside Drive
Hayward, CA 94542
Lic 738538 A, Haz**

Ph 510 - 410-1255 Fax: 510 - 581-7337

No. of pages including cover sheet: 9

Dear Eva:

Please find enclosed analytical results for the George Jaber tank removal project located at 1436 Grant Avenue in San Lorenzo. I will try and contact you this afternoon to discuss remediation alternatives.

*Sincerely,
Tom*

Confidential

The documents accompanying this telecopy transmission contains confidential information is intended only for the use of the individual or entity named below. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this telecopied information is strictly prohibited. If you have received this telecopy in error, please notify us immediately by phone and return the original to us by mail. Thank you.

11718 Y. PCX. Doc.

McCAMBELL ANALYTICAL INC.
 110 2nd AVENUE SOUTH, #D7
 PACIFIC, CA 94551
 Telephone: (510) 798-1620 Fax: (510) 798-1622

Report To: **TOM REESE** Bill To: **REESE CONSTRUCTION**
 Company: **REESE CONSTRUCTION**
 2613 PARKSIDE DRIVE
 HAYWARD, CA 94542
 Tele: (510) 410-1255 Fax: (510) 581-7337
 Project #: Project Name:
 Project Location: **1436 GRANT AVE., SAN LORENZO**
 Sampler Signature: *John Michael*

CHAIN OF CUSTODY RECORD

TURN AROUND TIME RUSH 24 HOUR 48 HOUR 5 DAY

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX						METHOD PRESERVED		Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	Ice (Dry)	HCl	HNO ₃			
WO-1-7.5	WOTANK	7/10/98	2:10	1	WATER	X						X				92028
T-1E-7.5	5K GAS TANK		2:18				X					X				92029
T-2E-8.0	PK GAS TANK		2:25				X					X				92030
T-3E-7.0	BK GAS TANK		2:30				X					X				92031
T-3W-10.0	BK GAS TANK		2:40				X					X				92032
D-1G-1.5	SOUTH BAY DISPENSER		3:00									X				92033
D-1D-2.0	SOUTH BAY DISPENSER		3:01									X				92034
PL-1-1.5	PIPING		3:05									X				92035
D-2G-1.5	ADVENTURELY DISPENSER		3:08									X				TOTAL LEAD
D-2D-2.0	ADVENTURELY DISPENSER		3:11									X				" "
PL-2-2.0	PIPING		3:15									X				" "
SPI-1	SPOOL #1		3:28									X				92036
SPI-2			3:31									X				92037
SPI-3			3:35									X				92038
SPI-4			3:39									X				92039

Analysis Request	Other	Comments
6TEX & TPH as Gas (602/8020 + 901/9417BE)		
TPH as Diesel (8015)		
Total Petroleum Oil & Grease (5320 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 601 / 8010		
BTEX ONLY (EPA 602 / 8020)		
EPA 608 / 8080		
EPA 608 / 8080 PCB'S ONLY		
EPA 624 / 8240 / 8260		
EPA 625 (8270) Add-on 1/21/98 54.		
PAH'S / PNA'S by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/721/219.2/6010)		
RCI		

Relinquished By: *John Michael* Date: *7/10/98* Time: *4:40* Received By: *Tom Reese*

Relinquished By: *Tom Reese* Date: *7/13/98* Time: *9:05* Received By: *[Signature]*

Relinquished By: *[Signature]* Date: *3/13/98* Time: *1:17* Received By: *Lina A. Butler*

Remarks: PAGE 1 OF 2
 FOR SAMPLE WO-1-7.5, IF O&G AND/OR B&O DETECTED, RUN B370
 IF TPH ANALYSES ARE 5,000-10,000 PPM, RUN FOR PNA'S

[Signature]

McCAMELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACIFIC, CA 94553

Telephone: (510) 798-1620

Fax: (510) 798-1622

CHAIN OF CUSTODY RECORD
TURN AROUND TIME RUSH 24 HOUR 48 HOUR 5 DAY

Report To: TOM REESE Bill To: REESE CONSTRUCTION

Company: REESE CONSTRUCTION
26133 PARKSIDE DRIVE
MAYNARD, CA 94542

Tele: (510) 440-1255 Fax: (510) 581-7537

Project #: Project Name:

Project Location: 1736 GRANT AVE, SAN LORENZO


Sampler Signature: *[Handwritten Signature]*

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED			Analysis Request	Other	Comments
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl (Dry)	HNO ₃			
SP1-5	STOCKPILE	7/10/98	3:41	1	UNLAB	X						X	HCl (Dry)			92040
SP1-6	↓		3:43									X				92041
SP1-7	↓		3:46									X				
SP1-8	↓		3:52									X				
SP2-1	STOCKPILE		3:33									X	X	X	X	
SP3-1	STOCKPILE #3		3:56									X				92042
SP3-2	↓		3:58									X				
SP3-3	↓		4:01									X				
SP3-4	↓		4:05									X				

✓ GOOD CONDITION
✓ LEAD SPACE ABSENT
PRESERVATION APPROPRIATE
CONTAINERS ✓

Relinquished By: *[Signature]* Date: 7/10/98 Time: 4:40 Received By: Tom Reese
Relinquished By: Tom Reese Date: 7/12/98 Time: 9:25 Received By: *[Signature]*
Relinquished By: *[Signature]* Date: 7/12/98 Time: 1:17 Received By: Ling A Butler

Remarks: PAGE 2 OF 2

 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
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Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: 1436 Grant Ave., San Lorenzo	Date Sampled: 07/10/98
	Client Contact: Tom Reese	Date Received: 07/13/98
	Client P.O:	Date Extracted: 07/15/98
		Date Analyzed: 07/15-07/17/98

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 GCFID(5030)

waste oil - bottom fuel - CST - sidewalk samples


Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
92028	WO-1-7.5	S	200,a	1.4	1.5	11	3.6	20	105
92029	T-1E-7.5	S	180,a,j	ND<0.2	ND<0.01	0.94	4.6	0.56	117
92030	T-2E-8.0	S	82,a,j	0.45	ND<0.01	0.39	2.9	0.28	108
92031	T-3E-7.0	S	3800,a	27	30	180	93	430	104
92032	T-3W-10.0	S	170,a,j	ND<0.4	ND<0.02	0.71	5.3	6.6	105
92033	D-1G-1.5	S	5.8,b,c	ND<5	ND<0.25	14	54	280	102
92035	PL-1-1.5	S	5.8,a	ND	0.062	0.062	0.33	0.14	111
92036	D-2G-1.5	S	460,g,j	ND<0.4	ND<0.02	0.26	0.61	5.0	102
92038	PL-2-2.0	S	5.9,a	0.75	0.10	0.56	0.19	0.42	105
92039	SP1-1.4	S	98, g, j	ND<0.10	0.029	0.041	0.070	0.22	100
92040	SP1-6-8	S	73, g, j	ND<0.1	0.058	0.095	0.12	0.50	98
92041	SP2-1	S	60,b	ND<0.2	ND<0.01	0.36	0.19	3.9	102
92042	SP3-1.4	S	910,b	ND<5	1.5	19	15	81	99
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	

Stack p. 65

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

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	Client P.O:	Date Extracted: 07/15/98
		Date Analyzed: 07/15-07/17/98

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
92028	WO-1-7.5	S	1300, g, b	105
92034	D-1D-2.0	S	5.7, d	102
92035	PL-1-1.5	S	2.8, d	103
92037	D-2D-2.0	S	39, d	101
92038	PL-2-2.0	S	1.3, d/b	102
92039	SP1-1-4	S	530, g, b	106
92040	SP1-6-8	S	650, b, g	99
92041	SP2-1	S	1000, g, d	99
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 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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	Client Contact: Tom Reese	Date Received: 07/13/98
	Client P.O:	Date Extracted: 07/15/98
		Date Analyzed: 07/17/98

Petroleum Oil & Grease (with Silica Gel Clean-up) *
 EPA methods 413.1, 9070 or 9071; Standard Methods 5520 D/E&F or 503 D&E for solids and 5520 B&F or 503 A&E for liquids

Lab ID	Client ID	Matrix	Oil & Grease*
92028	WO-1-7.5	S	4300
92041	SP2-1	S	4200
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		5 mg/L
	S		50 mg/kg

* water samples are reported in mg/L, wipe samples in mg/wipe, soil and sludge samples in mg/kg, and all TCLP / STLC / SPLP extracts in mg/L
 h) lighter than water immiscible sheet is present; i) liquid sample that contains greater than ~5vol. % sediment.

DHS Certification No. 1644

 Edward Hamilton, Lab Director



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	Client Contact: Tom Reese	Date Received: 07/13/98
	Client P.O:	Date Extracted: 07/15/98
		Date Analyzed: 07/17/98

Volatile Halocarbons			ug/kg
EPA method 601 or 8010			
Lab ID	92028	92041	
Client ID	WO-1-7.5	SP2-1	
Matrix	S	S	
Compound	Concentration		
Bromodichloromethane	ND<25	ND	
Bromoform ^(b)	ND<25	ND	
Bromomethane	ND<25	ND	
Carbon Tetrachloride ^(c)	ND<25	ND	
Chlorobenzene	ND<25	ND	
Chloroethane	ND<25	ND	
2-Chloroethyl Vinyl Ether ^(d)	ND<25	ND	
Chloroform ^(e)	ND<25	ND	
Chloromethane	ND<25	ND	
Dibromochloromethane	ND<25	ND	
1,2-Dichlorobenzene	ND<25	ND	
1,3-Dichlorobenzene	ND<25	ND	
1,4-Dichlorobenzene	ND<25	ND	
Dichlorodifluoromethane	ND<25	ND	
1,1-Dichloroethane	26	ND	
1,2-Dichloroethane	ND<25	ND	
1,1-Dichloroethene	ND<25	ND	
cis 1,2-Dichloroethene	100	ND	
trans 1,2-Dichloroethene	ND<25	ND	
1,2-Dichloropropane	ND<25	ND	
cis 1,3-Dichloropropene	ND<25	ND	
trans 1,3-Dichloropropene	ND<25	ND	
Methylene Chloride ^(f)	ND<40	ND<20	
1,1,2,2-Tetrachloroethane	ND<25	ND	
Tetrachloroethene	1200	150	
1,1,1-Trichloroethane	ND<25	7.4	
1,1,2-Trichloroethane	ND<25	ND	
Trichloroethene	ND<25	ND	
Trichlorofluoromethane	ND<25	ND	
Vinyl Chloride ^(g)	ND<25	ND	
% Recovery Surrogate	94	95	
Comments			

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil and sludge samples in ug/kg, wipe samples in ug/wipe
 Reporting limit unless otherwise stated: water/TCLP/SPLP extracts, ND<0.5ug/L; soils and sludges, ND<5ug/kg, wipes, ND<0.2ug/wipe
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethane; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content.

DHS Certification No. 1644

Edward Hamilton, Lab Director

 TRS =
 25 ug/kg
 Industrial
 Soil

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	Client Contact: Tom Reese	Date Received: 07/13/98
	Client P.O:	Date Extracted: 07/15/98
		Date Analyzed: 07/16/98

LUFT Metals*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction ^a	Cadmium	Chromium	Lead	Nickel	Zinc	% Recovery Surrogate
92028	WO-1-7.5	S	TTLIC	0.93	42	1900	38	870	105
92041	SP2-1	S	TTLIC	ND	40	550	43	360	104
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLIC	0.5 mg/kg	0.5	3.0	2.0	1.0		
	W	TTLIC	0.005 mg/L	0.005	0.005	0.05	0.05		
	—	STLC, TCLP	0.01 mg/L	0.05	0.2	0.05	0.05		

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

^a Lead is analysed using EPA method 6010 (ICP) for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

* EPA extraction methods 1311(TCLP), 3010/3020(water, TTLIC), 3040(organic matrices, TTLIC), 3050(solids, TTLIC); STLC - CA Title 22


^b surrogate diluted out of range; N/A means surrogate not applicable to this analysis

^c reporting limit raised due to matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

14 Edward Hamilton, Lab Director

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	Client Contact: Tom Reese	Date Received: 07/13/98
	Client P.O:	Date Extracted: 07/15/98
		Date Analyzed: 07/16/98

Lead*					
EPA analytical methods 6010/200.7, 239.2*					
Lab ID	Client ID	Matrix	Extraction °	Lead#	% Recovery Surrogate
92030	T-2E-8.0	S	TTLIC	10	105
92031	T-3E-7.0	S	TTLIC	16	104
92033	D-1G-1.5	S	TTLIC	24	106
92035	PL-1-1.5	S	TTLIC	11	103
92036	D-2G-1.5	S	TTLIC	16	103
92038	PL-2-2.0	S	TTLIC	9.6	104
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		S	TTLIC	3.0 mg/kg	
		W	TTLIC	0.005 mg/L	
			STLC,TCLP	0.2 mg/L	

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L
 * Lead is analyzed using EPA method 6010 (ICP) for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples
 ° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLIC), 3040(organic matrices,TTLIC), 3050(solids,TTLIC); STLC - CA Title 22
 # surrogate diluted out of range; N/A means surrogate not applicable to this analysis
 # reporting limit raised due matrix interference
 (i) liquid sample that contains greater than -2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.