

Reese Construction

ENVIRONMENTAL
PROTECTION

License #738538 A, Haz

SEP 30 PM 12:33

September 14, 1998

Mr. George Jaber
2801 Encinal Avenue
Alameda, CA 94501

**RE: TANK CLOSURE REPORT
1436 GRANT AVENUE
SAN LORENZO, CA**

Dear Mr. Jaber:

REESE CONSTRUCTION (REESE) was hired to excavate and dispose of four underground storage tanks at the above referenced site in San Lorenzo. The tanks were located on private property in the parking lot of a former service station. The tanks consisted of the following:

10000 gallon, steel, gasoline, 8 inches residue\water
8000 gallon, steel, gasoline, 1 inch residue\water
5000 gallon, steel, diesel, 13 inches residue\water
250 gallon, steel, waste oil, full\waste oil

The waste oil tank was located directly south of the building. The three fuel tanks were nested parallel to one another beginning approximately 15 feet to the east of the building. The 8000 gas tank to the north, the 10000 gas tank in the middle, and the 5000 gallon diesel tank to the south.

The fuel tanks served 6 dispensers located on two islands to the north of the building. There were two gasoline dispensers manifolded together on the west side of each island. A diesel dispenser was located on the east side of each island. The fuel tanks all utilized submersible pumps and originally were connected to the dispensers with steel threaded pipe that was later upgraded to single wall fiberglass pipe. (see enclosed plot plan)

REESE applied for and received a permits from the Alameda County Environmental Health, and Alameda County Fire Department. Bay Area Air Quality Management District (BAAQMD) was notified of the project by fax.

On July 8, 1998 REESE mobilized a crew and equipment and commenced field operations. The concrete and asphalt surfacing above the tanks was demolished and disposed of at American Rock in Hayward. At the owners request the islands and canopy posts were also demolished and stockpiled. The soil above each tank was excavated with the backhoe and the tops of the tanks were exposed. All fuel and vent lines associated with the tanks were removed and eventually disposed of with the tanks. The residual liquid in the tanks was removed with a vacuum truck and disposed of by American Valley Environmental. A 6 foot high chain link fence was placed around the tank excavation.

Mr. George Jaber
September 14, 1998

On July 10, 1998 the tanks were inerted with dry ice to displace oxygen and any flammable vapors that may have been present in the tanks.

Accompanied by officials from the Alameda County Fire Dept., REESE checked the Lower Explosive Limit (LEL) and Oxygen content (O₂) of each tank. The LEL and O₂ were within the permissible limits set forth by the Fire Dept. With their approval, the tanks were removed from the excavation with a crane loaded onto two flatbed trucks licensed to haul hazardous waste. The tanks were shipped under hazardous waste manifest to Ecology Control Industries (ECI) in Richmond, California.

Groundwater was present in the fuel tank pit after the tanks were removed and a sheen was observed on the surface. No water was present in the waste oil pit. REESE collected one soil sample from beneath the waste oil tank, and a discreet sample from the waste oil stockpile. Four sidewall samples were collected from the fuel tank pit due to the presence of groundwater. No water samples were collected. Two samples were collected in the piping trench and four samples were collected from beneath the dispensers. The two large stockpiles were characterized with composite samples.

The soil samples were all collected using the backhoe. A pre-cleaned brass tube was advanced in the soil retrieved in the backhoe bucket. The samples were taken to a state certified laboratory on ice and under proper chain of custody. The enclosed chain of custody and site plan describe the sample depths, locations and the analysis requested.

The analytical data were forwarded to the Health Department. Analysis of the soil samples revealed petroleum contamination in all samples. The soil stockpiles contain petroleum contamination exceeding the limits that would allow it to be used as backfill. We understand that the ground water is being pumped by another contractor. The excavations presently have not yet been backfilled.

Please call me if you have any questions regarding this project.

Sincerely,

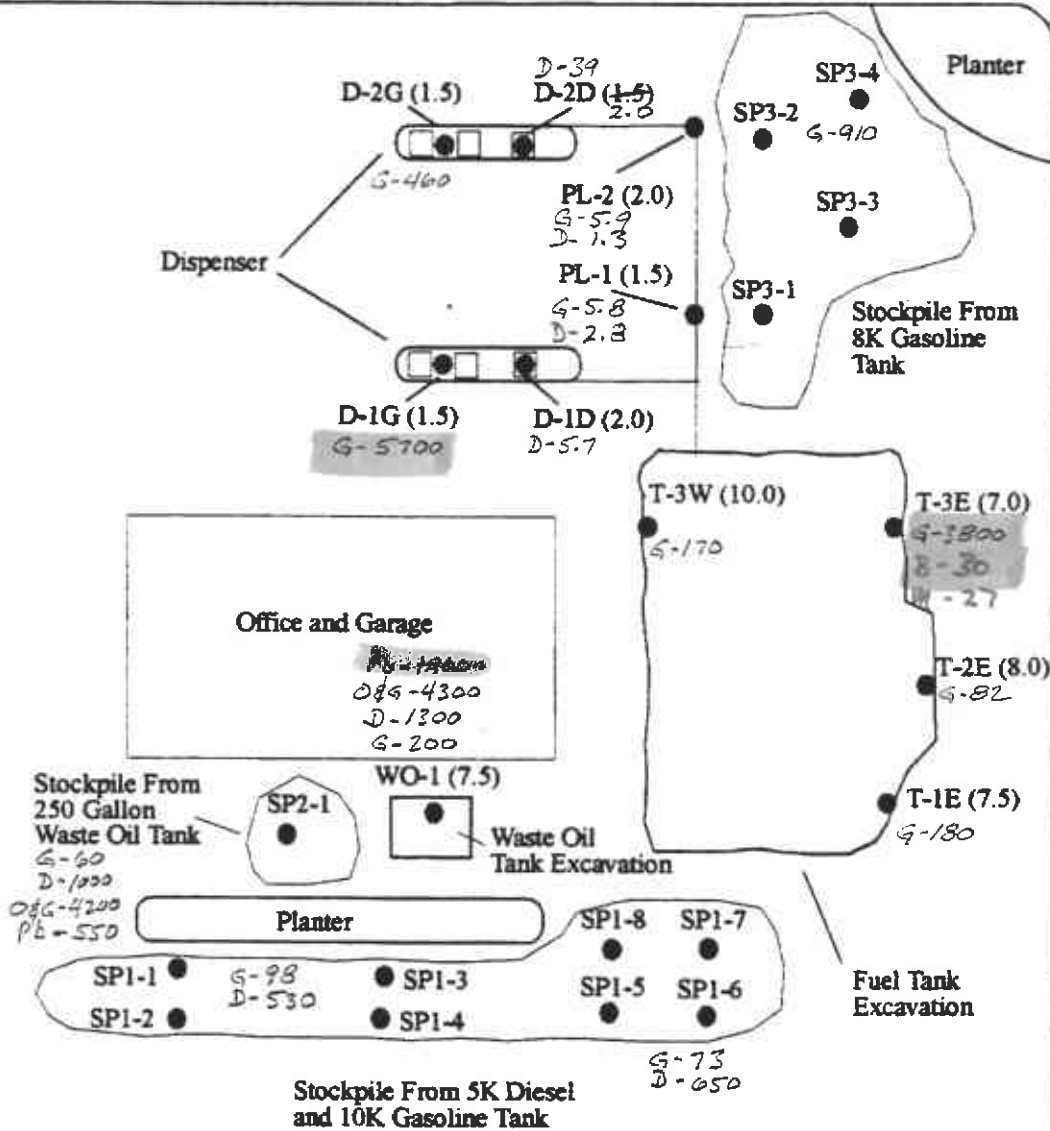


Tom Reese
Project Manager

enclosures

GRANT AVENUE

Sidewalk



CHANNEL STREET

Legend

T-1E (7.5)

● Location and name of soil sample with depth

B = benzene
M = MTEB

0 20
Approximate Scale (ft)



REESE CONSTRUCTION

SITE PLAN
1436 GRANT AVENUE
SAN LORENZO, CA



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

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)

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	5700,b,d	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	

W.O.
EXCA

Flow
wells

disc.
piping

disc.
piping

disc.
piles

(w.o.)

* 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.



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

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: 07/17/98

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	WQ-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 sheen is present; i) liquid sample that contains greater than ~5vol. % sediment.

DHS Certification No. 1644

 Edward Hamilton, Lab Director



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

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: 07/17/98

Volatile Halocarbons

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) ethene; (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.



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

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: 07/16/98

LUFT Metals*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction ^o	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
 # 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
 * surrogate diluted out of range; N/A means surrogate not applicable to this analysis
 & 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.



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

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: 07/20/98
		Date Analyzed: 07/22/98

Semi-Volatile Organics By GC/MS

EPA method 625 and 3510 or 8270 and 3550

Lab ID		92028					
Client ID		W0-1-7.5					
Matrix		S					
Compound	Concentration*	Reporting Limit		Compound	Concentration*	Reporting Limit	
		W	S			W	S
Acenaphthene	ND	10	0.33	Di-n-octyl Phthalate	ND	10	0.33
Acenaphthylene	ND	10	0.33	1,2-Diphenylhydrazine	ND	10	0.33
Anthracene	ND	10	0.33	Fluoranthene	0.60	10	0.33
Benzidine	ND	50	1.6	Fluorene	ND	10	0.33
Benzoic Acid	ND	50	1.6	Hexachlorobenzene	ND	10	0.33
Benzo(a)anthracene	0.40	10	0.33	Hexachlorobutadiene	ND	10	0.33
Benzo(b+k)fluoranthene	ND	10	0.66	Hexachlorocyclopentadiene	ND	50	1.6
Benzo(b+k)fluoranthene	ND	10	0.66	Hexachloroethane	ND	10	0.33
Benzo(g,h,i)perylene	ND	10	0.33	Indeno(1,2,3-cd)pyrene	ND	10	0.33
Benzo(a)pyrene	ND	10	0.33	Isophorone	ND	10	0.33
Benzyl Alcohol	ND	20	0.66	2-Methylnaphthalene	4.1	10	0.33
Bis(2-chloroethoxy)methane	ND	10	0.33	2-Methylphenol (o-Cresol)	ND	10	0.33
Bis(2-chloroethyl) Ether	ND	10	0.33	4-Methylphenol (p-Cresol)	ND	10	0.33
Bis(2-chloroisopropyl)Ether	ND	10	0.33	Naphthalene	3.0	10	0.33
Bis(2-ethylhexyl) Phthalate	ND	10	1.0	2-Nitroaniline	ND	50	1.6
4-Bromophenyl Phenyl Ether	ND	10	0.33	3-Nitroaniline	ND	50	1.6
Butylbenzyl Phthalate	ND	10	0.33	4-Nitroaniline	ND	50	1.6
4-Chloroaniline	ND	20	0.66	2-Nitrophenol	ND	50	1.6
4-Chloro-3-methylpheno	ND	10	0.33	4-Nitrophenol	ND	50	1.6
2-Chloronaphthalene	ND	10	0.33	Nitrobenzene	ND	10	0.33
2-Chlorophenol	ND	10	0.33	N-Nitrosodimethylamine	ND	10	0.33
4-Chlorophenyl Phenyl Ether	ND	10	0.33	N-Nitrosodiphenylamine	ND	10	0.33
Chrysene	ND	10	0.33	N-Nitrosodi-n-propylamine	ND	10	0.33
Dibenzo(a,h)anthracene	ND	10	0.33	Pentachlorophenol	ND	10	0.33
Dibenzofuran	ND	10	0.33	Phenanthrene	0.60	10	0.33
Di-n-butyl Phthalate	ND	10	0.33	Phenol	ND	10	0.33
1,2-Dichlorobenzene	ND	10	0.33	Pyrene	0.60	10	0.33
1,3-Dichlorobenzene	ND	10	0.33	1,2,4-Trichlorobenzene	ND	10	0.33
1,4-Dichlorobenzene	ND	10	0.33	2,4,5-Trichlorophenol	ND	10	0.33
3,3-Dichlorobenzidine	ND	20	0.66	2,4,6-Trichlorophenol	ND	10	0.33
2,4-Dichlorophenol	ND	10	0.33	Comments:			
Diethyl Phthalate	ND	10	0.33	Surrogate Recoveries (%)			
2,4-Dimethylphenol	ND	10	0.33	2-Fluorobiphenyl		85	
Dimethyl Phthalate	ND	10	0.33	2-Fluorophenol		88	
4,6-Dinitro-2-methylphenol	ND	50	1.6	Nitrobenzene-d5		89	
2,4-Dinitrophenol	ND	50	1.6	Phenol-d5		93	
2,4-Dinitrotoluene	ND	10	0.33	p-Terphenyl-d14		87	
2,6-Dinitrotoluene	ND	10	0.33	2,4,6-Tribromophenol		89	

*water samples are reported in ug/L, soil and sludge samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range

h) 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

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/14/98-07/15/98 Matrix: SOIL

Analyte	Concentration (mg/kg)			Amount Spiked	% Recovery		RPD
	Sample (#89940)	MS	MSD		MS	MSD	
TPH (gas)	0.000	2.065	2.079	2.03	102	102	0.7
Benzene	0.000	0.200	0.204	0.2	100	102	2.0
Toluene	0.000	0.216	0.232	0.2	108	116	7.1
Ethylbenzene	0.000	0.208	0.220	0.2	104	110	5.6
Xylenes	0.000	0.620	0.644	0.6	103	107	3.8
TPH(diesel)	0	267	291	300	89	97	8.6
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/17/98

Matrix: SOIL

Analyte	Concentration (mg/kg) Sample (#89942)			Amount Spiked	% Recovery		RPD
	MS	MSD			MS	MSD	
TPH (gas)	0.000	2.091	1.971	2.03	103	97	5.9
Benzene	0.000	0.206	0.188	0.2	103	94	9.1
Toluene	0.000	0.228	0.202	0.2	114	101	12.1
Ethylbenzene	0.000	0.216	0.194	0.2	108	97	10.7
Xylenes	0.000	0.634	0.576	0.6	106	96	9.6
TPH(diesel)	0	289	297	300	96	99	2.6
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR HYDROCARBON ANALYSES

Date: 07/15/98-07/17/98 Matrix: SOIL

Analyte	Concentration (mg/kg) Sample .			Amount Spiked	% Recovery		RPD
	(#89940)	MS	MSD		MS	MSD	
TPH (gas)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Xylenes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TPH (diesel)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRPH (oil and grease)	0.0	21.5	20.6	20.8	103	99	4.3

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR EPA 8010/8020/EDB

Date: 07/17/98

Matrix: SOIL

Analyte	Concentration (ug/kg)				% Recovery		
	Sample (#89942)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0	88	89	100	88	89	1.1
Trichloroethene	0	82	83	100	82	83	1.2
EDB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	0	87	88	100	87	88	1.1
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR METALS

Date: 07/16/98

Matrix: SOIL

Extraction: TTLC

Analyte	Concentration (mg/kg, mg/L)			Amount Spiked	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Arsenic	0.0	5.3	4.9	5.0	105	99	6.3
Selenium	0.0	5.9	5.5	5.0	118	109	7.7
Molybdenum	0.0	5.9	4.9	5.0	118	99	17.4
Silver	0.0	0.6	0.6	0.5	121	121	0.1
Thallium	0.0	5.7	5.7	5.0	113	114	0.5
Barium	0.0	4.9	4.9	5.0	98	98	0.1
Nickel	0.0	5.0	5.0	5.0	101	100	0.5
Chromium	0.0	5.6	5.6	5.0	111	112	0.6
Vanadium	0.0	4.8	4.8	5.0	95	95	0.1
Beryllium	0.0	5.2	5.2	5.0	105	104	0.4
Zinc	0.0	5.2	5.6	5.0	103	112	7.9
Copper	0.0	4.7	4.7	5.0	94	93	1.1
Antimony	0.0	6.4	6.4	5.0	129	128	0.5
Lead	0.0	5.1	5.1	5.0	102	101	0.9
Cadmium	0.0	5.4	5.4	5.0	107	107	0.0
Cobalt	0.0	4.9	5.0	5.0	98	100	1.6
Mercury	0.000	0.272	0.281	0.25	109	112	3.3

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

QC REPORT FOR SVOCs (EPA 8270/625/525)

Date: 07/22/98

Matrix: SOIL

Analyte	Concentration (ug/Kg)			Amount Spiked	% Recovery		RPD
	Sample (#89942)	MS	MSD		MS	MSD	
Phenol	0	107	84	100	107	84	48.2
2-Chlorophenol	0	82	57	100	82	57	71.9
1, 4-Dichlorobenzene	0	86	80	100	86	80	14.5
N-nitroso-di-n-propyl	0	103	96	100	103	96	14.1
1, 2, 4-Trichlorobenz	0	88	109	100	88	109	42.6
4-Chloro-3-methylphen	0	144	112	100	144	112	50.0
4-Nitrophenol	0	83	54	100	83	54	84.7
Acenaphthene	0	66	57	100	66	57	29.3
2, 4- Dinitrotoluene	0	49	41	100	49	41	35.6
Pentachlorophenol	0	70	81	100	70	81	29.1
Pyrene	0	70	58	100	70	58	37.5

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

98234406

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAL001377480000001		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address George Jaber 2801 ENCINAL AVE Alameda, Ca. 94501						A. State Manifest Document Number 98234406							
4. Generator's Phone (510) 523-4821						B. State Generator's ID							
5. Transporter 1 Company Name ECOLOGY CONTROL INDUSTRIES				6. US EPA ID Number CAD982030173		C. State Transporter's ID							
7. Transporter 2 Company Name						D. Transporter's Phone (510)-235-1393							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address ERICKSON INC. 255 PARR BLVD RICHMOND, CA 94801						10. US EPA ID Number CAD009466392							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) WASTE EMPTY STORAGE TANK & PIPES Non-RCRA hazardous waste solid						12. Containers No. Type 002 TP		13. Total Quantity 01600		14. Unit Wt/Vol P		15. Waste Number State EPA/Other 512 NONE	
b.										State EPA/Other			
c.										State EPA/Other			
d.										State EPA/Other			
J. Additional Descriptions for Materials Listed Above QTY. 2 EMPTY STORAGE TANK(S) # 23167, 23168 TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY.						K. Handling Codes for Wastes Listed Above a. 01 b. c. d.							
L. Special Handling Instructions and Additional Information Wear appropriate protective clothing when handling. SITE LOCATION: 24 Hour Emergency Telephone Number: # 510 523-4821 24 Hour Emergency Contact: Mike JABER													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Michael G. Jaber				Signature <i>Michael G. Jaber</i>				Month Day Year 07/10/98					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Thomas Hedrick				Signature <i>Thomas Hedrick</i>				Month Day Year 07/10/98					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name DAVID SATO													
Signature <i>DAVE SATO</i>				Month Day Year 07/10/98									

DO NOT WRITE BELOW THIS LINE.

98234407
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAL001317748098234		Manifest Document No. 1 of 1		2. Page 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address GEORGE JASER 2801 Encinal Ave ALAMEDA, CA 94501						A. State Manifest Document Number 98234407											
4. Generator's Phone (510) 523-4821						B. State Generator's ID											
5. Transporter 1 Company Name ECOLOGY CONTROL INDUSTRIES				6. US EPA ID Number CAD982030173		C. State Transporter's ID											
7. Transporter 2 Company Name						D. Transporter's Phone (510)-235-1393											
8. US EPA ID Number						E. State Transporter's ID											
9. Transporter's Phone						F. Transporter's Phone											
9. Generator Facility Name and Site Address ERICKSON INC. 255 PARR BLVD RICHMOND, CA 94801						10. US EPA ID Number CAD009466392		G. State Facility's ID CAD009466392									
10. US EPA ID Number						H. Facility's Phone 510-235-1393											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) WASTE EMPTY STORAGE TANK Non-RCRA hazardous waste solid						12. Containers		13. Total		14. Unit		I. Waste Number					
						No.		Type		Quantity		Wt/Val		State		EPA/Other	
								002 TP 08250				P		512		NONE	
														State		EPA/Other	
														State		EPA/Other	
J. Additional Descriptions for Materials Listed Above QTY. 2 EMPTY STORAGE TANK(S) #23169 & 23177 TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY.						K. Handling Codes for Wastes Listed Above											
						a. 01		b.		c.		d.					
Special Handling Instructions and Additional Information Wear appropriate protective clothing when handling. SITE LOCATION: SAN LORENZO, CA 24 Hour Emergency Telephone Number: *510 523-4821 24 Hour Emergency Contact: Mike JASER ERG 171																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name Michael G. Jaser				Signature <i>Michael G. Jaser</i>				Month 07		Day 10		Year 98					
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name Doug Biggs				Signature <i>Doug Biggs</i>				Month 07		Day 10		Year 98	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																	
Printed/Typed Name DAVID SATO				Signature <i>DAVE SATO</i>				Month 07		Day 14		Year 98					

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26631

CUSTOMER
JOB NO. 972701
REESE CONST.

FOR: ERICKSON, INC. TANK NO. 23167

LOCATION: RICHMOND, CA DATE: 7/21/98 TIME: 7:44:41 AM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Lance Allen
REPRESENTATIVE

TITLE

Dave Sato
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26634

CUSTOMER
JOB NO. 972701
REESE CONST.

FOR: ERICKSON, INC. TANK NO. 23168

LOCATION: RICHMOND, CA DATE: 7/21/98 TIME: 7:49:47 AM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT DIESEL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 5,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE

TITLE

INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26632

CUSTOMER
JOB NO. 972701
REESE CONST.

FOR: ERICKSON, INC. TANK NO. 23169

LOCATION: RICHMOND, CA DATE: 7/22/98 TIME: 7:46:16 AM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 8,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Latnee Allen
REPRESENTATIVE

TITLE

Dave Jato
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26633

CUSTOMER
JOB NO. 972701
REESE CONST.

FOR: ERICKSON, INC. TANK NO. 23177

LOCATION: RICHMOND, CA DATE: 7/22/98 TIME: 7:47:41 AM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 250 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE
ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR
PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US
FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Lance Collier REPRESENTATIVE TITLE Dave Sato INSPECTOR