DC *Engineering*
135 Cottage Ave
Manteca, Ca 95336
209-603-4606
209-824-5277

August 1, 2002

Barney Chan
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, Ca. 94502-6577

AUG 2 8 2002

RE: Fuel Leak Case RO00002447, 50 Hegenberger Loops Oakland, Ca.

Dear Barney,

My company was hired by Mr.Lyons to perform the tank removal at his site on Hegenberger Loop in Oakland in October of 1995. I was onsite during most of the construction tasks and remember some of the work we performed. We still have the project file and have forwarded copies to Mr. Lyons at his request.

Mr. Lyons contacted me recently with regards to a letter he received from you concerning the clean-up of his site and forwarded the letter to me. Subsequently I spoke to you on the phone and found the final sample results in the files. Please see the attached copy for your records. I extracted the water sample from the tank excavation on September 5,1996 at the request of Mr. Lyons in an effort to complete the project. The water was not present during the original tank removal project and the origin of the water could be from multiple reasons. (Rain, Tidal Action, Perched, etc.) As you can see there was very low levels of gasoline present in the water.

Mr. Lyons did not use our company to perform the clean up of any contaminated soil or water and believe he performed those tasks with the help of someone else as he mentioned he had close ties with another environmental firm that would help him during the original removal project. However we did place the soil in the back of his property for treatment prior to leaving the site. Cottle Engineering was hired to perform the removal and disposal of the tanks only and the later water sampling was performed additional to the original contract.

I can be contacted at the numbers listed above for further comment if desired.

Sincerely,

David E Cottle Sr.

McCAMPBELL ANALYTICAL INC.

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

AUG 2 8 2002

09/13/96

Dear Dave:

Enclosed are:

1). the results of 1 samples from your **Lyons Const.** project,

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

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

AUG 2 8 2002

DC Engineering P.O. Box 163 Antioch, CA 94509	Client Project ID: Lyons Const.	Date Sampled: 09/05/96
		Date Received: 09/06/96
	Client Contact: Dave Cottle	Date Extracted: 09/09/96
	Client P.O:	Date Analyzed: 09/09/96

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	Ethylben-zene	Xylenes	% Rec. Surrogate
68764	LW-1	W	170,b	---	ND	0.79	2.6	18	100
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, soil and sludge 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.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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

AUG 2 8 2002

QC REPORT FOR HYDROCARBON ANALYSES

Date: 09/09/96 Matrix: Water

Analyte	Concentration (ug/L) Sample (#68100)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.0	103.9	104.7	100.0	103.9	104.7	0.8
Benzene	0.0	9.8	9.5	10.0	98.0	95.0	3.1
Toluene	0.0	9.7	9.4	10.0	97.0	94.0	3.1
Ethyl Benzene	0.0	9.5	9.3	10.0	95.0	93.0	2.1
Xylenes	0.0	27.8	27.3	30.0	92.7	91.0	1.8
TPH (diesel)	0	153	152	150	102	101	1.0
TRPH (oil & 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

7133ADCE63

CHAIN OF CUSTODY RECORD

Company: D C ENGINEERING
P O BOX 163
ANTIOCH, CA.

REPORT TO: DAVE COTTLE BILL TO: DC ENG.
PHONE NO.: 778-4882 FAX NO.: 754-8928
PROJECT NO.: PROJECT NAME: LYONS CONST.
PROJECT LOCATION: 50 HEGENBERGER LOOP

TURN AROUND TIME: ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

SAMPLE ID	LOCATION	SAMPLING DATE	SAMPLING TIME	# CONTAINERS	TYPE CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	METHOD PRESERVED: HCL	HNO_3	ICE	OTHER	ANALYSIS REQUEST: BTEX & TPH as Gasoline (602/8020 & 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/5320 B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601/8010	BTEX & MTBE	EPA 608/8080	EPA 608/8080 – PCBs Only	EPA 624/8240/8260	EPA 625/8270	CAM – 17 Metals	EPA – Priority Pollutant Metals	LUFT Metals	LEAD (7240/7421/239.2/6010)	ORGANIC LEAD	RCI	OTHER	COMMENT
+2 LW-1	N° END T-2	9-5	11[illegible]	4	VOA's	X									X																	5-DAY
																																68764

VOA's | O&G | METALS | OTHER

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

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
David Cottle	9/5	4:45	Heidi Rucia
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY:	DATE	TIME	RECEIVED BY LABORATORY:

REMARKS: .45 MICRON FILTER PRIOR TO ANALYSIS FOR SOLIDS.

AUG 28 2002

09-06-1996 09:58AM FROM McCampbell Analytical Inc TO