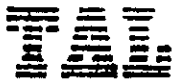


Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (415) 783-6980

Facsimile (415) 783-1512



FAX - (415) 783-1512

DATE: 11/13/91

FROM: Jennifer Peckol

TO: R.S. Eagan

FAX NUMBER: 732-7304

NUMBER OF PAGES (Including This Page): 9

Results: Oakland Main Post Office
1615 - 7th St. Oakland, CA

Results are also being faxed to GRC.
The results for 8010 and B270
should be available 11/13/91 as
expected. If you have any
questions, please call
Jennifer.

LOG NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/08/91
 DATE ANALYZED: 11/10, 11/11/91
 DATE REPORTED:

CUSTOMER: R.S. Eagan and Company
 REQUESTER: Bob Eagan
 PROJECT: Oakland Main Post Office, 1675 7th Street, Oakland, CA

Sample Type: Soil

Method and Constituent:	Units	1		2		3A	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method: Total Petroleum Hydrocarbons as Diesel	mg/kg	260	3.0 1.0	1,200	15 1.0	2,000	15 1.0

Method and Constituent:	Units	3B		4A		4B	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method: Total Petroleum Hydrocarbons as Diesel	mg/kg	ND	1.0	220	3.0 1.0	2,500 2,000	7.0 6.9 1.0

~~QC Summary:
 % Recovery:
 % RPD:~~

Concentrations reported as ND were not detected at or above the reporting limit.
 These samples were extracted ϕ days beyond the 14-day holding time for this extraction.
~~Sample(s) _____ indicates compounds eluting (earlier / later / does not apply) than diesel.~~

LOG NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/08/91
 DATE ANALYZED: 11/10/91
 DATE REPORTED:
 PAGE: Two

Sample Type: Soil

Method and Constituent:	Units	5		6		7	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Diesel	mg/kg	ND	1.0	1.4 2.5	1.0	7,900	15 4.0

Method and Constituent:	Units	8		Method Blank	
		Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:					
Total Petroleum Hydrocarbons as Diesel	mg/kg	2,900	15 4.0	ND	1.0

QC Summary:

% Recovery: 88 and 72
 % RPD: 33 and 0.7

Concentrations reported as ND were not detected at or above the reporting limit.

~~These samples were extracted 4 days beyond the 14 day holding time for this extraction.~~

~~Sample(s) indicates compounds eluting (earlier / later / does not apply) than diesel.~~

Samples 4A, 4B, and 8 contain compound eluting earlier than diesel.

I/G NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/9/91
 DATE ANALYZED: 11/11/91
 DATE REPORTED:
 PAGE: Three

Sample Type: Soil

Method and Constituent:	Units	1		2		3A	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	mg/kg	3.4	0.50	76	0.50	100 59	0.50 1.5
EPA Method 8020 for:							
Benzene	mg/kg	0.80	0.0050	0.54 0.59	0.0050 0.013	0.40 0.27	0.13
Toluene	mg/kg	0.0068	0.0050	0.23	0.0050 0.01	0.14 0.79	0.11
Ethylbenzene	mg/kg	0.015	0.0050	3.5	0.0050 0.017	0.14 1.4	0.12
Xylenes	mg/kg	0.12	0.015	52	0.015 0.030	0.30 5.3	0.30

QC Summary:

% Recovery:
 % RPD:

Concentrations reported as ND were not detected at or above the reporting limit.

These samples were analyzed _____ days beyond the 14-day holding time for this analysis.

LOG NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/9/91
 DATE ANALYZED: 11/10/91, 11/11/91
 DATE REPORTED:
 PAGE: Four

SAMPLE TYPE: Soil

Method and Constituent:	Units	3B		4A		4B	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	mg/kg	ND	0.50	150	0.50	620	0.50
EPA Method 8020 for:							
Benzene	mg/kg	↓	0.0050	7.5	0.026 0.0050	37	1.0 0.0050
Toluene	mg/kg	↓	0.0050	19	0.027 0.0050	1.6	0.82 0.0050
Ethylbenzene	mg/kg	↓	0.0050	8.9	0.027 0.0050	53	1.0 0.0050
Xylenes	mg/kg	↓	0.015	32	0.040 0.015	130	2.0 0.015

Method and Constituent:	Units	5		6		7	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	mg/kg	ND	0.50	36	0.50	210	0.50
EPA Method 8020 for:							
Benzene	mg/kg	0.0063	0.0050	11	0.013 0.0050	ND	0.026 0.0050
Toluene	mg/kg	ND	0.0050	0.36	0.013 0.0050	0.45	0.82 0.0050
Ethylbenzene	mg/kg	ND	0.0050	0.82	0.012 0.0050	1.4	0.82 0.0050
Xylenes	mg/kg	ND	0.015	8.1	0.030 0.015	14	0.040 0.015

CC Summary:

% Recovery:
 % RPD:

Concentrations reported as ND were not detected at or above the reporting limit.

These samples were analyzed _____ days beyond the 14-day holding time for this analysis.

LOG NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/8/91
 DATE ANALYZED: 11/10/91, 11/6/91
 DATE REPORTED:
 PAGE: Five

Sample Type: Soil

Method and Constituent:	Units	8		Method Blank	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
DHS Method:					
Total Petroleum Hydro- carbons as Gasoline	mg/kg	610	0.50	ND	0.50
EPA Method 8020 for:					
Benzene	mg/kg	3.4	1.0 0.0050	↓	0.0050
Toluene	mg/kg	60	0.82 0.0050		0.0050
Ethylbenzene	mg/kg	27	1.0 0.0050		0.0050
Xylenes	mg/kg	120	2.0 0.015		0.015

QC Summary:

% Recovery: 120, 88
 % RPD: 5.6, 27

Concentrations reported as ND were not detected at or above the reporting limit.

These samples were analyzed _____ days beyond the 14-day holding time for this analysis.

LOG NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/11/91
 DATE ANALYZED: 11/11/91
 DATE REPORTED:
 PAGE: Six

Sample Type: Soil

Method and Constituent:	Units	5		Method Blank	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
Standard Method 5520F Hydrocarbons:					
Oil and Grease	mg/kg	ND	50	ND	50

QC Summary:

% Recovery: 72*
 % RPD: 0.0

Concentrations reported as ND were not detected at or above the reporting limit.

* ~~Q.C.~~ % Rec based on LCS . . .

LOC NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/11/91
 DATE ANALYZED: 11/12/91
 DATE REPORTED:
 PAGE: Thirteen

Sample Type: Soil

Method and Constituent:	Units	Composite of 3 and 4:	Method Blank	OC Summary			
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	% Recovery	% RPD
EPA Method 7420: Lead	mg/kg	7.2	2.5	ND	2.5	89	2.9

Concentrations reported as ND were not detected at or above the reporting limit.

LOG NUMBER: 1500
 DATE SAMPLED: 11/08/91
 DATE RECEIVED: 11/08/91
 DATE EXTRACTED: 11/11/91
 DATE ANALYZED: 11/12/91
 DATE REPORTED:
 PAGE: Fourteen

Sample Type: Soil

Method and Constituent:	Units	Concentration	Method Blank		OC Summary		
			Reporting Limit	Concentration	Reporting Limit	% Recovery	% RPD
EPA Method 7130: Cadmium	mg/kg	1.0	0.25	ND	0.25	106	2.1
EPA Method 7190: Chromium	mg/kg	24	1.2	ND	1.2	82	0.6
EPA Method 7420: Lead	mg/kg	68	2.5	ND	2.5	89	2.9
EPA Method 7520: Nickel	mg/kg	18	7.5	ND	7.5	103	1.9
EPA Method 7950: Zinc	mg/kg	90	1.2	ND	1.2	95	0.85

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuFuin
 Quality Assurance/Quality Control Manager