

FAX

Date 2/5/97

Number of pages including cover sheet 13

TO: Jennifer Ebert

extra

FROM: Cheryl Madden
One Environment
240 Termino Avenue
Long Beach, CA 90803

Phone 510-567-6700

Fax

Phone 510-337-9335

Phone 310-987-1096

Fax

310-987-9120

Phone

CC:

REMARKS: Urgent For your review Reply ASAP Please Comment

Jennifer-

Sorry for the delay, I Am forwarding
originals & attachments today.

Cheryl



ONE ENVIRONMENT

February 4, 1997

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Roadway Express, Inc. 1708 Wood Street, Oakland, CA 94607

Dear Ms. Eberle,

I am submitting a summary of the October 30, 1996 sampling event on behalf of Roadway Express, Inc. The following is a synopsis of the event:

October 29, 1996:

- The pump island was removed by H.B. Covey. Stained soil was excavated at the dispenser area. Soil was removed to 4' bgs near the previous diesel dispenser. Bay muds were encountered at 3' bgs. There were no hydrocarbon odors noted in the bay muds. There were two large concrete "footers" encountered during the excavation activities. The "footers" were not removed due to their size. The origin of the "footers" is unknown.
- Water from the tank pit flowed into the new excavation. The excavated soil (sandy silt) had a high petroleum odor. The southwestern sidewall of the pump island had some discoloration, and was excavated to the edge of the concrete pad. The northeast sidewall was excavated to pea gravel of the prior tank pit (refer to attached Figure). Upon evaluation of the excavation, the contamination appeared to be delineated to the east. The extent of contamination to the west could not be determined by visual observation. The soil was stockpiled and covered with plastic.

October 30, 1996:

- One soil sample was collected from the southwest wall, approximately 2' bgs (sample D2), and one sample was collected from the bottom of the pump island excavation (4 1/2' bgs, sample D1). Inspector B. Chan was present during the over excavation and sampling activities. Sample D2 had a noticeable petroleum odor while sample D1 had no detectable odor. The soil samples were collected per approved methods.
- The soil samples were transported to BC Analytical according to proper procedures.



ONE ENVIRONMENT

Analytical Results:

The following is a summary of the analytical results. Refer to Analytical Report dated November 1, 1996.

Sample #	TPH diesel ppm	TPH gas ppm	Benzene ppm	Toluene ppm	Ethyl-benzene ppm	Xylene ppm
D2	<10	<0.01	<0.005	<0.005	<0.005	<0.01
D15800	300	<0.01	<0.005	<0.005	<0.005	<0.01

Based upon the analytical data, the soil remains impacted at 4 1/2' bgs (5800 ppm) while the sample located on the southwestern sidewall was non-detect for both TPH-diesel, TPH-gas and BTEX.

Summary:

The results of the October 29 - 30, 1996 over-excavation activities resulted in the removal of additional impacted soils. The contaminated soils (112.95 tons) were transported and disposed of at Altamont Landfill, located at 10840 Altamont Pass Rd., Livermore, California on October 30, 1996. A copy of the waste ticket summary and manifests are provided for your records.

Roadway Express, Inc. has recently received approval of their November 14, 1996 "Soil and Ground Water Investigation Work Plan" from your office. Roadway is currently receiving bids to conduct the investigation and will contact you prior to performing the tasks, as stated in your December 12, 1996 letter.

If you have any questions, please contact me at your earliest convenience.

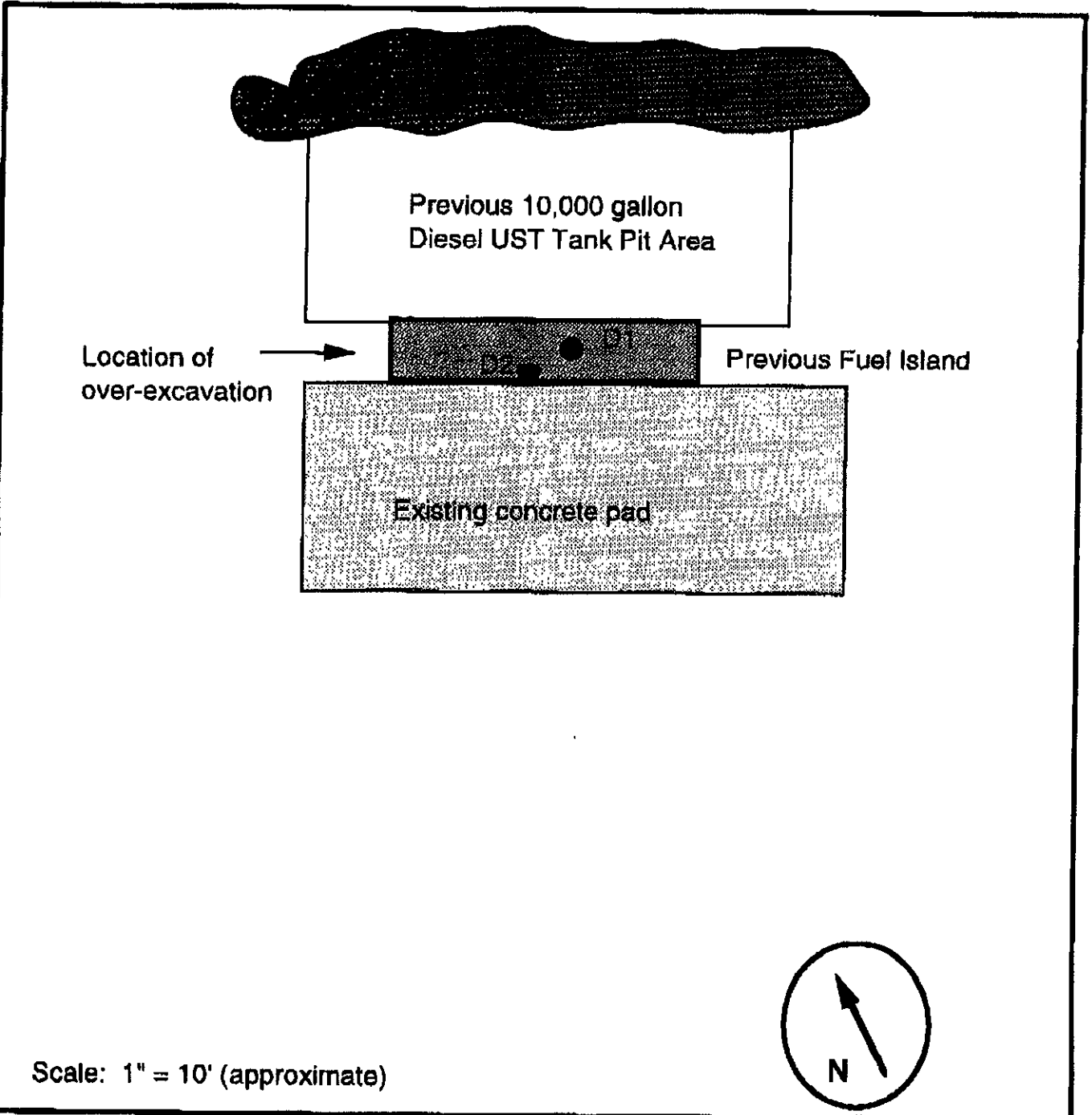
Sincerely,
ONE ENVIRONMENT

Cheryl A. Madden
Geologist, R.E.A.

cc: R.E. Zimmermann Roadway Express, Inc.

One Environment

← 18th Street →



Scale: 1" = 10' (approximate)

ROADWAY EXPRESS, INC.

1708 WOOD STREET, OAKLAND, CA

10/29 - 30/96 Over-excitation & sampling plan



Our Quality Control Is Your Quality Assurance

ANALYTICAL REPORT

LOG NO: G96-11-001

Received: 01 NOV 96

Mailed: 11 NOV 96

Ms. Cheryl Madden
One Environment
3736 Brayton Avenue
Long Beach, CA 90807

Project: REX-OAKLAND

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	11-001-1	11-001-2
DATE SAMPLED	30 OCT 96	30 OCT 96
SAMPLE DESCRIPTION	Dispenser 2 1/2' (D2)	Dispenser 4 1/2' (D1)
NON-AQUEOUS		
Oil & Grease, IR (413.2), mg/kg	12	5000
TPH (8015M)		
Date Analyzed	11/05/96	11/06/96
Date Extracted	11/04/96	11/04/96
Dilution Factor, Times	1	100
TPH (Diesel Range), mg/kg	<10	5800
Carbon Range, .	C10-C25	C10-C25
Surrogates **		
Naphthalene Reported, mg/kg	2.32	0 NC
Naphthalene Theoretical, mg/kg	2.00	2.00



Our Quality Control Is Your Quality Assurance

LOG NO: G96-11-001

Received: 01 NOV 96

Ms. Cheryl Madden
One Environment
3736 Brayton Avenue
Long Beach, CA 90807

Project: REX-OAKLAND

REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	11-001-1	11-001-2
DATE SAMPLED	30 OCT 96	30 OCT 96
SAMPLE DESCRIPTION	Dispenser 2 1/2' (D2)	Dispenser 4 1/2' (D1)
NON-AQUEOUS		
BTEX (8020)/GRO (8015M)		
Date Analyzed	11/05/96	11/05/96
Dilution Factor, Times	1	1
Benzene, mg/kg	<0.005	<0.005
Toluene, mg/kg	<0.005	<0.005
Ethylbenzene, mg/kg	<0.005	<0.005
Total Xylene Isomers, mg/kg	<0.01	<0.01
Carbon Range, .	C6-C12	C6-C12
TPH (Gasoline Range), mg/kg	<0.05	300
Surrogates **		
a,a,a-Trifluorotoluene Rep., mg/kg	0.0619	4.58
a,a,a-Trifluorotoluene Th., mg/kg	0.0500	5.00



Our Quality Control Is Your Quality Assurance

LOG NO: G96-11-001

Received: 01 NOV 96

Ms. Cheryl Madden
One Environment
3736 Brayton Avenue
Long Beach, CA 90807

Project: REX-DAKLAND

REPORT OF ANALYTICAL RESULTS

Page 3

Hal Cochran for GG
Greta Galoustian, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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: ORDER PLACED FOR CLIENT: One Environment 9611001 :
 : BC ANALYTICAL : GLEN LAB : 18:38:19 08 NOV 1996 - P. 1 :
 =====

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
9611001*1	Dispenser 2 1/2' (D2)	DIESEL.3550	11.05.96	8015M	536-01	96193	8042
		GAS.TPH.BTEX	11.05.96	8015M	536-21	9608097	1008
		IR.O&G	11.07.96	413.2	533-17	96229	8106
9611001*2	Dispenser 4 1/2' (D1)	DIESEL.3550	11.06.96	8015M	536-01	96193	8042
		GAS.TPH.BTEX	11.05.96	8015M	536-21	9608093	1008
		IR.O&G	11.07.96	413.2	533-17	96229	8106

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.

ID.NO = BC Analytical employee identification number of analyst.

NON-AQUEOUS SAMPLES

UNITS	RESULT	METHOD BLANK		LAB CONTROL						MATRIX QC										
		R0L	FLG	LCS %REC	FLG	LCSD %REC	FLG	LCL	UCL	RPD	RPD	FLG	MS %REC	FLG	MSD %REC	FLG	LCL	UCL	RPD	RPD

Batch: IR*96229 Method: 413.2 - Oil and Grease by IR
 Oil & Grease, IR

mg/kg	0	10	-	85	-	86	-	35	171	1	-	-	115	-	116	-	19	153	1	30	-	-
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Batch: GAS*9608093 Method: 8015M - Modified 8015

Benzene	mg/kg	0	0.5	-	131	-	130	-	88	150	1	24	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0	0.5	-	97	-	97	-	70	116	0	25	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0	0.5	-	99	-	102	-	74	117	3	25	-	-	-	-	-	-	-	-	-	-
Total Xylene Isomers	mg/kg	0	1	-	98	-	99	-	71	118	1	25	-	-	-	-	-	-	-	-	-	-
TPH (Gasoline Range)	mg/kg	0	5	-	100	-	95	-	84	125	6	25	-	-	-	-	-	-	-	-	-	-
[a,a,a-Trifluorotoluene]	Percent	96	0	-	105	-	103	-	72	134	-	-	-	-	-	-	-	-	-	-	-	-

Batch: GAS*9608097 Method: 8015M - Modified 8015

Benzene	mg/kg	0	0.005	-	118	-	136	-	88	150	13	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0	0.005	-	107	-	123	Q	70	116	14	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0	0.005	-	98	-	113	-	74	117	14	-	-	-	-	-	-	-	-	-	-	-
Total Xylene Isomers	mg/kg	0	0.01	-	97	-	113	-	71	118	15	-	-	-	-	-	-	-	-	-	-	-
TPH (Gasoline Range)	mg/kg	0	0.05	-	107	-	110	-	84	125	3	-	-	98	-	88	-	46	157	10	25	-
[a,a,a-Trifluorotoluene]	Percent	107	-	-	93	-	90	-	72	134	-	-	-	94	-	86	-	72	134	-	-	-

Batch: DIESEL*96193 Method: 8015M - Modified 8015

TPH (Diesel Range)	mg/kg	0	10	-	122	-	102	-	37	156	19	-	-	108	-	111	-	43	151	3	38	-
[Naphthalene]	Percent	135	-	-	126	-	117	-	55	127	-	-	-	119	-	124	-	52	145	-	-	-

NON-AQUEOUS SAMPLES

Batch: IR*96229 Method: 413.2 - Oil and Grease by IR

	B611518*1	C6111018*1	C6111019*1	9611001*1							
UNITS	MB	LC	LT	LC	LT	R1	R2	S1	S2	T	
Dil & Grease, IR	mg/kg	0	213	250	216	250	12	-	300	302	262

Batch: GAS*9608093 Method: 8015M - Modified 8015

	B611144*1	C611281*1	C611282*1	N/A							
UNITS	MB	LC	LT	LC	LT	R1	R2	S1	S2	T	
Date Analyzed	Date	11/01/96	11/01/96	11/01/96	11/01/96	11/01/96	-	-	-	-	-
Dilution Factor	Times	100	100	100	100	100	-	-	-	-	-
Benzene	mg/kg	0	1.99	1.52	1.98	1.52	-	-	-	-	-
Toluene	mg/kg	0	9.45	9.74	9.48	9.74	-	-	-	-	-
Ethylbenzene	mg/kg	0	2.01	2.04	2.08	2.04	-	-	-	-	-
Total Xylene Isomers	mg/kg	0	11.7	12.9	11.8	11.9	-	-	-	-	-
Carbon Range	.	C6-C12	C6-C12	C6-C12	C6-C12	C6-C12	-	-	-	-	-
TPH (Gasoline Range)	mg/kg	0	110	110	104	110	-	-	-	-	-
a,a,a-Trifluorotoluene Rep.	mg/kg	4.82	5.23	5.00	5.13	5.00	-	-	-	-	-
a,a,a-Trifluorotoluene Th.	mg/kg	5.00	5.00	5.00	5.00	5.00	-	-	-	-	-

Batch: GAS*9608097 Method: 8015M - Modified 8015

	B611355*1	C611712*1	C611713*1	9610685*14						
UNITS	MB	LC	LT	LC	LT	R1	R2	S1	S2	T
Date Analyzed	Date	11/04/96	11/04/96	11/04/96	11/04/96	11/04/96	-	11/04/96	11/04/96	11/04/96
Dilution Factor	Times	1	1	1	1	1	-	-	-	-
Benzene	mg/kg	0	0.0180	0.0152	0.0206	0.0152	-	-	1	1
Toluene	mg/kg	0	0.104	0.0974	0.120	0.0974	-	-	-	-
Ethylbenzene	mg/kg	0	0.0200	0.0204	0.0231	0.0204	-	-	-	-
Total Xylene Isomers	mg/kg	0	0.115	0.119	0.134	0.119	-	-	-	-
Carbon Range	.	C6-C12	C6-C12	C6-C12	C6-C12	C6-C12	-	-	C6-C12	C6-C12
TPH (Gasoline Range)	mg/kg	0	1.18	1.10	1.21	1.10	<0.05	-	1.08	0.973
a,a,a-Trifluorotoluene Rep.	mg/kg	0.0534	0.0464	0.0500	0.0449	0.0500	0.0582	-	0.0470	0.0431
a,a,a-Trifluorotoluene Th.	mg/kg	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	-	0.0500	0.0500

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ONE ENVIRONMENT

3109879120

11:38

02/05/1997

NON-AQUEOUS SAMPLES

Batch: DIESEL*96193 Method: 8015M - Modified 8015

	B611158*1	C611302*1	C611303*1	9610741*1						
UNITS	MB	LC	LT	LC	LT	R1	R2	S1	S2	T
Date Analyzed	11/05/96	11/05/96	11/05/96	11/05/96	11/05/96	11/05/96	-	11/05/96	11/05/96	11/05/96
Date Extracted	11/04/96	11/04/96	11/04/96	11/04/96	11/04/96	11/04/96	-	11/04/96	11/04/96	11/04/96
Dilution Factor	1	1	1	1	1	1	-	1	1	1
TPH (Diesel Range)	0	48.9	40.0	40.6	40.0	<10	-	43.0	44.4	40.0
Carbon Range	C10-C25	C10-C25	C10-C25	C10-C25	C10-C25	C10-C25	-	C10-C25	C10-C25	C10-C25
Naphthalene Reported	mg/kg	2.69	2.52	2.00	2.34	2.00	-	2.38	2.47	2.00
Naphthalene Theoretical	mg/kg	2.00	2.00	2.00	2.00	2.00	-	2.00	2.00	2.00

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ONE ENVIRONMENT

3109879120

02/05/1997 11:38

CHAIN OF CUSTODY RECORD

send bill to ONE ENVIRONMENT 11111 Roadway
 BCA Log Number **G9611001**

Client name: **Roadway Express, Inc. c/o ONE ENVIRONMENT**
 Address: ~~1700 Wood St.~~
 City, State, Zip: **OAKLAND CA**
 Project or PO#: **310 427-5462**
 Phone #: **310 427-5462**
 Report attention: **CHERYL MADDEN**

Analyses required

TPH Gas & diesel	
BTEX	
Oil & Grease	
Hazardous sample Special handling required	

Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by	Sample description	Number of containers	Analyses required				Remarks	
			SO			1						
			SO			1						
	10/30	11:05a	SO		Dispenser 2 1/2' DZ	1	X	X	X			Normal Turnaround
	10/30	11:15a	SO		Dispenser 4 1/2' DZ	1	X	X	X			" "

Signature	Print Name	Company	Date	Time
<i>[Signature]</i>	Cheryl Madden	ONE ENVIRONMENT	11-1-96	9:07
<i>[Signature]</i>	Maria Passequo	BCA/VOC	11-1-96	9:07
Relinquished by				
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by Laboratory				

BC ANALYTICAL
 1085 Stacy Circle, Concord, CA 94518 (510) 825-3894
 801 Western Avenue, Glendale CA 91201 (818) 247-5737
 1200 Gene Autry Way, Anaheim, CA 92805 (714) 978-0113

Note: Samples are discarded 30 days after results are reported unless other arrangements are made
 Hazardous samples will be returned to client or disposed of at client's expense

Disposal arrangements: _____

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil PE—Petroleum
 WW—Wastewater

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

II, III

Site ID # _____ Site Name Hodson Today's Date 1/11/97

Site Address _____

City _____ Zip 94501 Phone _____

_____ MAX AMT stored $>$ 500 lbs, 55 gal., 200 cft.?

 Inspection Categories:

_____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

_____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

_____ III. Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

II, III

Contact _____

Title _____

Signature _____

Inspector J.P.A.

Signature _____