

STID 851

September 17, 1996

Ms. Jennifer Eberle
Hazardous Materials Specialist
Alameda County CC4580
Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda. CA 94502-6577

SUBJECT: Risk Based Corrective Action Plan / Supplemental Case Closure Criteria for
Former Desert Petroleum Site, 2844 Mountain Boulevard Oakland, CA 94602

Dear Ms. Eberle:

This letter report will confirm the points discussed in our teleconference September 14, 1996, and serve to amend the previously submitted corrective action plan. Items 1 thru 4 in ACEHD correspondence dated June 17, 1996 have also been addressed.

- Item 1. The soil that was removed during the piping excavation was aerated on site under ACEHD direction. **Following aeration the soil was transported as non hazardous to a local landfill for use as daily cover.** Larry Seto of your office gave verbal approval during the course of directing the spoils treatment and disposal. Enclosed is the canceled check from the transporter.
- Item 2. The levels of FHCs as TPHg (8,400 ppm) ethylbenzene (102 ppm) and xylenes (1,000) for sampling on 3/22/89 are correct.
- Item 3. EDD amended table is enclosed. Depth to water measurements are correct as well as groundwater contours.
- Item 4. FHCs were detected in soils in piping samples, waste oil tank removal samples and borehole samples.

what guidance?
Based upon recent guidance from the State Water Resources Control Board, further evaluation of **outdoor inhalation exposure** to customers of a retail service station from trace levels of FHCs in perched water beneath the site cannot be economically justified. Further application of the **ASTM RBCA Guidelines** assumes that significant potential for exposure exists at the site. Previously submitted reports including the first and second Corrective Action Plans include fate and transport evaluations. The **recommended action is proper well abandonment with no further monitoring.** *qualitative*

Future corrective action required by ACEHD will now be conducted by other consultant(s).

on this site?
Nearly one quarter of a million dollars has been expended by Desert Petroleum since 1989 to comply with CCR Title 23 Article 11 mandate. RSI and Desert Petroleum do not concur that additional expenditures are merited to protect public health and the environment.

Please advise me as soon as possible so that any additional unnecessary costs can be minimized and well abandonment can be scheduled.

Once again, your assistance in expediting site closure is greatly appreciated. If you require further clarification of the aforementioned facts please contact RSI at (805) 644-5892.

Sincerely,

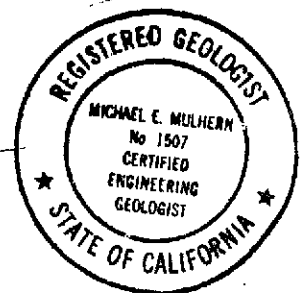


Richard W. Pilat
Program Director

enclosure

c: Dave Deaner
Kevin Graves
James Giannopoulos
Allen Patton
Christopher Stephens

Michael Mulhern
Michael Mulhern
H.G. #306
E.G. # 1507



INVOICE

439-30

DIABLO TANK & EQUIPMENT, INC.

4030 Pacheco Blvd.
MARTINEZ, CALIFORNIA 94553

(415) 372-3342

JOB PHONE	DATE OF ORDER
	4-11-90
JOB NAME/LOCATION	

TO Desert Petroleum
P.O. Box 1601
Oxnard, CA 93032

PHONE

ORDER TAKEN BY

TERMS Net 15

DESCRIPTION	AMOUNT
4-6 Move Soil Transport and Disposal.	3,600.00

SS# 796 - 5173
[Handwritten Signature]

LABOR	HOURS	RATE	AMOUNT	TOTAL MATERIAL
				TOTAL LABOR
WORK ORDERED BY Carson	DATE COMPLETED 4-6	TOTAL LABOR		TAX

Thank You

PAY THIS AMOUNT →

3,600.00

SIGNATURE (I hereby acknowledge the satisfactory completion of the above described work.)

No. 045210

DETACH AND RETAIN THIS STATEMENT FOR YOUR RECORDS

MEMO

INVOICE DATE	INVOICE NUMBER	AMOUNT	DISCOUNT	NET AMOUNT
04/11/90	411-798	3600.00	0.00	3600.00
TOTAL		3600.00	0.00	3600.00

Desert Petroleum, Inc.

P.O. BOX 1601 OXNARD, CA 93032
(805) 644-6784

Desert Petroleum, Inc.

P.O. BOX 1601 OXNARD, CA 93032
(805) 644-6784

No. 045210

DATE: 04/25/90 CHECK NO.: 045210

PAY THE SUM OF \$3,600 DOLLARS AND 00 CENTS

\$3,600.00

DIABLO TANK & EQUIPMENT, INC.
4030 PACHECO BLVD.
MARTINEZ, CA 94553

Desert Petroleum, Inc.

ESPLANADE BRANCH
WELLS FARGO BANK
OXNARD, CALIFORNIA

COPY NOT NEGOTIABLE

⑆045210⑆ ⑆122000247⑆4634 017065⑆

PAY TO THE ORDER OF
JOHN MUIR NATIONAL BANK
MARTINEZ, CA
FOR DEPOSIT ONLY
DIABLO TANK & EQUIPMENT
122000247

AP 30
88888888
121000374

⑆045210⑆

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Table 1**Summary of Groundwater Elevations****2844 Mountain Boulevard Oakland CA**

Well	Date Measured	Depth to Water*	Casing Elevation**	Water Table Elevation**	Change in Elevation
RS-1	May-90	7.20	689.25	682.05	
	May-91	8.35		680.90	-1.15
	Oct-91	10.22	689.17	678.95	
	Jan-92	8.06		681.11	2.16
	Jan-93	5.30		683.87	2.76
	Aug-93	8.56		680.61	-3.26
	Nov-93	8.44		680.73	0.12
	Jan-94	6.88		682.29	1.56
	May-94	7.87	675.63	667.76	
	Aug-94	16.28		659.35	-8.41
	Nov-94	8.02		667.61	8.26
	Feb-95	6.51		669.12	1.51
	Jun-95	7.34		668.29	-0.83
	Nov-95	8.71		666.92	-1.37
Feb-96	6.95		668.68	1.76	
RS-2	May-90	7.06	689.00	681.94	
	May-91	7.14		681.86	-0.08
	Oct-91	8.84	688.89	680.05	
	Jan-92	7.34		681.55	1.50
	Jan-93	4.10		684.79	3.24
	Aug-93	7.32		681.57	-3.22
	Nov-93	7.34		681.55	-0.02
	Jan-94	5.52		683.37	1.82
	May-94	6.40	675.25	668.85	
	Aug-94	22.11		653.14	-15.71
	Nov-94	9.82		665.43	12.29
	Feb-95	4.81		670.44	5.01
	Jun-95	5.80		669.45	-0.99
	Nov-95	7.64		667.61	-1.84
Feb-96	4.69		670.56	2.95	

CONTINUED**Revised 9/96 - replaces original dated 4/96**

**Elevations are in feet above mean sea level.

Table 1 (cont.)**Summary of Groundwater Elevations****2844 Mountain Boulevard Oakland CA**

Well	Date Measured	Depth to Water*	Casing Elevation**	Water Table Elevation**	Change in Elevation
RS-3	May-90	6.00	690.00	684.00	
	May-91	6.76		683.24	-0.76
	Oct-91	8.98		681.02	-2.22
	Jan-92	6.81		683.19	2.17
	Jan-93	4.05		685.95	2.76
	Aug-93	7.19		682.81	-3.14
	Nov-93	7.12		682.88	0.07
	Jan-94	5.42		684.58	1.70
	May-94	5.78	676.20	670.42	
	Aug-94	5.86		670.34	-0.08
	Nov-94	5.08		671.12	0.78
	Feb-95	4.51		671.69	0.57
	Jun-95	5.29		670.91	-0.78
	Nov-95	7.10		669.10	-1.81
Feb-96	4.48		671.72	2.62	
RS-4	May-90	8.34	689.06	680.72	
	May-91	9.50		679.56	-1.16
	Oct-91	10.82	689.10	678.28	
	Jan-92	9.31		679.79	1.51
	Jan-93	6.89		682.21	2.42
	Aug-93	9.68		679.42	-2.79
	Nov-93	9.83		679.27	-0.15
	Jan-94	8.17		680.93	1.66
	May-94	8.69	675.38	666.69	
	Aug-94	9.04		666.34	-0.35
	Nov-94	8.00		667.38	1.04
	Feb-95	7.93		667.45	0.07
	Jun-95	8.61		666.77	-0.68
	Nov-95	10.43		664.95	-1.82
Feb-96	7.44		667.94	2.99	

Revised 9/96 - replaces original dated 4/96

**Elevations are in feet above mean sea level.

C O V E R

S H E E T

FAX

To: **JENNIFER.**
 Fax #: **510 337-9335**
 Subject:
 Date: July 31, 1996
 Pages: 2, including this cover sheet.

COMMENTS:



From the desk of...

Richard W. Pilat
 Program Director
 RSI
 2080 Knoll Dr. Ste. 200
 Ventura, CA

805-644-5892
 Fax: 805-654-0720

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