

~~RETT~~
R N K

RCI
REMEDATION SERVICE, INT'L.

P.O. BOX 1601, OXNARD, CALIFORNIA 93032
(805) 644-5892 • FAX (805) 654-0720

January 3, 1990

CALIFORNIA REGIONAL
JAN 10 1990
QUALITY CONTROL BOARD

Mr. Ray Kahler
California Regional Water
Quality Control Board
San Francisco Bay Region
1800 Harrison, Suite 700
Oakland, CA 94612

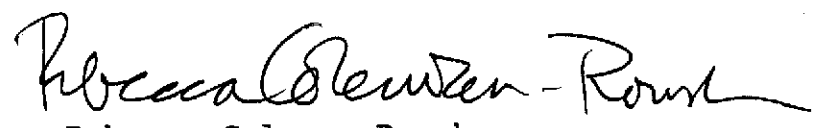
RE: Emergency Temporary Discharge Permit Request
for Desert Petroleum Station 793
dba Beacon, 4035 Park Blvd., Oakland

Dear Mr. Kahler:

I want to correct an error I made in my letter to you dated January 2, 1990. The test methods performed to determine the TPH and BTXE concentrations in the treated water were EPA 8015 and EPA 8020. Method 8015 is used to determine TPH and the normal detection limit of the test is 100 ppb. Superior Analytical Laboratory, Inc. is able to detect gasoline in water at 0.05 ppm (50 ppb.) Method 8020 provides information on BTXE and the standard detection limit is 0.5 ppb. The lab is able to detect the compounds at 0.3 ppb. The margin of error on these tests is + or - 10%. I have enclosed the copies of the test results and look forward to your comments. You will note that test samples 5 (verification sample) and 6 (duplicate sample) meet the discharge limits.

If you have any questions, please give me a call. We look forward to your comments.

Sincerely,



Rebecca Coleman-Roush
Director of Marketing

cc: Desert Petroleum

SUPERIOR ANALYTICAL LABORATORY, INC.

1385 FAIRFAX ST., STE. D. • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 51541
CLIENT: Remediation Services

DATE RECEIVED: 12/30/89
DATE REPORTED: 01/02/89
JOB NO.: DP793

ANALYSIS FOR VOLATILE PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (mg/l) Gasoline Range
1	01	0.5
2	02	0.02
3	03	0.6
4	04	0.6
5	05	0.06
6	06	ND<0.05
7	99	130

mg/l = part per million (ppm)

Minimum Detection Limit for Gasoline in water = 0.05 mg/l

QA/QC Summary:

Daily standards run at 2 mg/L; RPD Gasoline=<15%

MS/MSD: Average Gasoline Recovery = 99%; Duplicate RPD =8%

Richard Srna, Ph.D.


Laboratory Director

OUTSTANDING QUALITY AND SERVICE

SUPERIOR ANALYTICAL LABORATORY, INC.

1385 FAIRFAX ST., STE. D. • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 51541
CLIENT: Remediation Service
JOB NO.: DP793

DATE SAMPLED: 12/30/89
DATE ANALYZED: 01/01/90
DATE REPORTED: 01/02/90

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

Concentration (ug/l)

LAB#	CLIENT ID	Benzene	Toluene	Ethyl Benzene	Xylenes
1	01	59	64	4	21
2	02	2	1	1	4
3	03	110	120	7	38
4	04	100	110	6	30
5	05	0.3	0.4	ND<0.3	0.7
6	06	ND<0.3	ND<0.3	ND<0.3	0.3
7	99	15000	24000	1700	10000

ug/l = part per billion (ppb)

Minimum Detection Limit for BTXE in water = 0.3 ug/l

QA/QC Summary:

Daily standards run at 20 ug/L; RPD = <15%

MS/MSD: Average Recovery = 89%; Duplicate RPD = <9%

Richard Srna, Ph.D.

Richard Srna
Laboratory Director

OUTSTANDING QUALITY AND SERVICE

RST PO Box 1601 OXNARD 93032 8056445892
 515419A

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME			P.O.#		ANALYSES REQ'D		Superior Analytical Inc. 1385 Fairfax, Suite D San Francisco, CA 94124 (415) 647-2081				
SAMPLERS: (Signature) <i>mike sulka</i>													
SAMPLE ID	DATE	TIME	COMP.	ORAB	SAMPLE LOCATION	MEDIA	IPH (9/15/89) BTX (9/15/89)		DETECTION LIMIT	TURN-AROUND TIME	SUSPECTED CONTAMINANT		
01	12-29	1615		X	SAVE OUTLET	H ₂ O LIQ	X	X		LAST WEEK 2-11-89	GASOLINE		
02	12-29	1647		X	CARBON OUTLET	H ₂ O LIQ	X	X					
03	12-30	0917		X	SAVE OUT	H ₂ O LIQ	X	X					
04	12-30	0918		X	SAVE OUT DUPLICATE	H ₂ O LIQ	X	X					
05	12-30	0928		X	CARBON OUT	H ₂ O LIQ	X	X					
06	12-30	0930		X	CARBON OUT DUPLICATE	H ₂ O LIQ	X	X					
99	12-29	16:24		X	WELL WATER		X	X		NORMAL			
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature) <i>mike sulka</i>			Date / Time 12/30/89 11:07		Received for Laboratory by (Signature) <i>Joly</i> 12/2/89			Date / Time 12/30/89 11:07		Remarks <i>ice chest</i>			