



General Services Agency

Date: February 21, 1996

Number of pages including cover sheet: 4

To:

Juliet Shin

Environmental Health

Phone:

Fax phone: 337-9335

CC:

From:

Rod Freitag

General Services Agency

Phone: 2-9522

Fax phone:

REMARKS: Urgent For your review Reply ASAP Please comment

RE: 1325 Portland Avenue, Albany

The lab 7/2/93 lab report for the water sample taken at the subject site erroneously reported results is mg/l instead of ug/l. A revised report was issued by Superior Precision Analytical on 3/30/94 (copy attached). This report indicates that no BTEX was detected in the water sample, and only 320ppb of TPHdiesel was detected.

cc: John Bird, Versar

RDF:rdg:\project\env\7020alb\0221eh.doc



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

SEMCO
Attn: Terry Hamilton

Project CITY OF ALBANY-93-3092
Reported: 07/02/93
Revised: 03/30/94

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed	Matrix
56694-1	PIT H2O-20'	06/29/93	07/01/93	Water
56694-2	NE-SIDEWALL-15'	06/29/93	07/01/93	Soil
56694-3	SE-SIDEWALL-15'	06/29/93	07/01/93	Soil

RESULTS OF ANALYSIS

Laboratory Number:	56694-1	56694-2	56694-3
Benzene:	ND<0.3	ND<.003	ND<.003
Toluene:	ND<0.3	ND<.003	ND<.003
Ethyl Benzene:	ND<0.3	ND<.003	ND<.003
Total Xylenes:	ND<0.9	ND<.009	ND<.009
Diesel:	320	ND<10	ND<10
Concentration:	ug/L	mg/kg	mg/kg



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

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2
 QA/QC INFORMATION
 SET: 56694

NA = ANALYSIS NOT REQUESTED
 ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
 ug/L = parts per billion (ppb)
 mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
 Minimum Detection Limit in Water: 5000ug/L
 Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
 Minimum Quantitation Limit for Diesel in Water: 50ug/L
 Minimum Quantitation Limit for Diesel in Soil: 10mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
 Minimum Quantitation Limit for Gasoline in Water: 50ug/L
 Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE
 Minimum Quantitation Limit in Water: 0.3ug/L
 Minimum Quantitation Limit in Soil: 0.003ug/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Benzene:	89/87	3	75-114
Toluene:	90/87	3	78-114
Ethyl Benzene:	91/90	2	76-120
Total Xylenes:	85/84	2	71-117
Diesel:	101/99	2	75-125

Abdul Sabir
 Senior Chemist
 Account Manager

Certified Laboratories



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-7081 / fax (415) 821-7123

SEMCO
Attn: CHUCK KIPER

Project CITY OF ALBANY-93-3092
Reported 07/02/93

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
56694- 1	PIT H2O-20'	06/29/93	07/01/93 Water
56694- 2	NE-SIDEWALL-15'	06/29/93	07/01/93 Soil
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RESULTS OF ANALYSIS

Laboratory Number: 56694- 1 56694- 2 56694- 3

Benzene:	ND<0.3	ND<.003	ND<.003
Toluene:	ND<0.3	ND<.003	ND<.003
Ethyl Benzene:	ND<0.3	ND<.003	ND<.003
Xylenes:	ND<0.9	ND<.009	ND<.009
Diesel:	320	ND<10	ND<10
Concentration:	mg/L ppb	mg/kg	mg/kg

*Checked
w/ lab. 7/23/93
Nancy Pettitt*



Superior Precision Analytical, Inc.

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

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2
QA/QC INFORMATION
SET: 56694

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OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Soil: 10mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Soil: 0.003mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Benzene:	89/87	3	75-114
Toluene:	90/87	3	78-114
Ethyl Benzene:	91/90	2	76-120
Xylenes:	85/84	2	71-117
Diesel:	101/99	2	75-125

Richard Srna, Ph.D.

Richard G. Jorgensen (for)
Laboratory Director

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. _____

Section I

Consultant Name SEMCO
 Office Location 1741 Leslie Rd. San Mateo, CA 94402
 Fax No. (415) 572-9734
 Project Manager Chuck Kiper
 Phone (415) 572 8033

TURN AROUND TIME
 (Circle One)
 Same Day 72 Hrs
 24 Hrs 5 Day
 48 Hrs

SUPERIOR ANALYTICAL, INC.
 Martinez San Francisco
 415/229-1512 415/647-2081

Send Coolers to : Modesto San Mateo
 Project No. / P.O. No. City of Albany - 93-3092

Sampler Tina Saentzen
 Regulatory Agency Alameda County Public Health

Section II Analysis Request										Section III Sample Information						
Sample Identification	S=Soil W=Water Matrix	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	O&G	8010	8240	Metals	Others * Subject to Subcontracting	Date	Time	Containers		Sampling Remarks	
													Quantity	Prob.	Bioremediation	Contamination
1 Pit + H ₂ O - 20'	W		X								6/29 10:10	1	—	Hold until further notice. HOLD		
2 Pit + H ₂ O - 20'	W			X	X						6/29 10:10	4	Hcl	Hold until further notice. HOLD		
3 NE - Sidewalk - 15'	S		X		X						6/29 10:00	1	—			
4 SE - Sidewalk - 15'	S		X		X						6/29 10:09	1	—			
5																
6																
7																
8																
9																
10																
11																
12																

RUSH

Relinquished by <u>[Signature]</u> Organization <u>SEMCO</u>	Date/Time <u>6/29/93</u> <u>2:54 p.m.</u>	Received by _____ Organization _____	Please Initial <u>[Signature]</u> Samples Stored in Ios <input checked="" type="checkbox"/> Appropriate Containers <input checked="" type="checkbox"/> Samples Preserved <input checked="" type="checkbox"/> VOA's without Headspace <input checked="" type="checkbox"/> Comments _____
Relinquished by _____ Organization _____	Date/Time _____	Received by _____ Organization _____	
Relinquished by _____ Organization _____	Date/Time _____	Received by <u>[Signature]</u> Organization <u>Superior 6/29/93</u>	