

LAW OFFICES OF
NORMOYLE & NEWMAN
A PROFESSIONAL CORPORATION

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December 14, 1990

Via Facsimile
(415) 568-3706

Pamela J. Evans
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

RE: 186 E. Lewelling Blvd.
San Lorenzo, CA 94580

Dear Ms. Evans:

As a followup to our November 15, 1990 conversation, enclosed are the following:

1. Plot plan with tank positioning and sampling points;
2. Detail of tank area;
3. Chain of custody;
4. BTEX Analysis;
5. Total Petroleum Hydrocarbons Analysis;
6. Total Petroleum Oil and Grease; and
7. Total Lead.

Also, as we discussed, the prior land owner is: Mr. Carl Graffenstatte, Jr. and Mrs. Donna P. Graffenstatte, P.O. Box 97397, Tacoma, Washington 98497. Their attorney is Craig Ellis, 3382 Warm Springs Road, Glen Ellen, CA, 95442, telephone number (707) 938-8702.

My client never operated the tanks, however, it is my understanding that the tenants of Mr. & Mrs. Graffenstatte did use the tanks.

Pamela J. Evans
December 14, 1990
Page Two

Mr. Brad Bennett of Aqua Terra has reviewed the enclosed materials and will be contacting your office Monday to discuss a proposal for follow-up work.

Please call me if you have any questions.

Sincerely,

NORMOYLE & NEWMAN

A handwritten signature in black ink, appearing to read "G. S. Garrison", with a long, sweeping horizontal stroke extending to the right.

Gregg S. Garrison

GSG/vlf
Enclosures
cc: Brad Bennett
Craig Ellis, Esq.

N ↑

SAMPLE #1

350 W/D

186
LEWELLING
BLVD.

SAMPLE #4

1
0
0
0
G
A
S

SAMPLE #3

SAMPLE #5

1
0
0
0
G
A
S

SAMPLE #2

A
S
H
L
A
N
D

SEMCO

186 LEWELLING
SAN LORENZO

LEWELLING BLVD.

TANK AREA

SAMPLE #5
5-KEN @ 15'

SAMPLE #2
2-KES @ 15'



4000 ppm

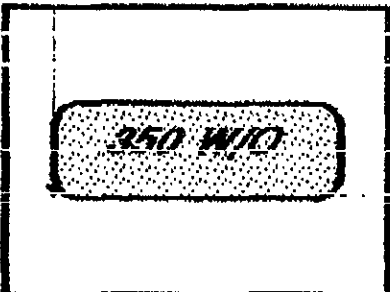
SAMPLE #4
4-KWN @ 15'

SAMPLE #3
3-KWS @ 15'



610

SAMPLE #1
1-350 W/O @ 8'



SEMCO

105 LEVELLING
SAN LORENZO

←
N

SEMCO**JAMES C. BATEMAN PETROLEUM SERVICES, INC.**431 W. Hatch Rd. Modesto, Calif. 95351
General & Engineering Contractors
(800) 533-9283
FAX (208) 524-0503**SEMCO****JAMES C. BATEMAN PETROLEUM SERVICES, INC.**1741 Leslie St. San Mateo, Calif. 94402
General & Engineering Contractors
(415) 572-8033
FAX (415) 572-9734**CHAIN OF CUSTODY RECORD**

PROJECT NAME: <i>Wang Young</i>						Number of Containers	Analysis Required				REMARKS
SAMPLERS (signature): <i>Chuck Kern</i>							TPH	BTEX	TOA	TOTAL LEAD	
Station Number	Date	Time	Comp.	Grab	Station Location						
#1-350W	9/5/90	10:20		✓	#1-350W - 8'	1	✓	✓	✓		TPH - BTEX - AS - Diesel
#2-4K	9/5/90	10:15		✓	#2-4K ES - 15'	1	✓	✓			Baselines
#3-4K	9/5/90	10:20		✓	#3-4K WS - 15'	1	✓	✓			" "
#4-4K	9/5/90	10:30		✓	#4-4K WN - 15'	1	✓	✓			" "
#5-4K	9/5/90	11:05		✓	#5-4K EN - 15'	1	✓	✓			" "
<u><u>#2 thru #5 is hot</u></u>											
Relinquished by (signature): <i>Chuck Kern</i>		Date / Time: 9/5/90 3:20		Received by (signature):		Relinquished by (signature):		Date / Time:		Received by (signature):	
Company or Agency:				Company or Agency:		Company or Agency:				Company or Agency:	
Relinquished by (signature):		Date / Time:		Received by (signature):		Relinquished by:		Date / Time:		Received by (signature):	
Company or Agency:				Company or Agency:		Company or Agency:				Company or Agency:	
Relinquished by (signature):		Date / Time:		Received for Laboratory by: (signature)		Date / Time:		Remarks/Shipping Information			
Company or Agency:				<i>A. Goldenberg</i>		9/5/90 15:28		Normal Fin			

SUPERIOR ANALYTICAL LABORATORY, 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

LABORATORY NO.: 52447
CLIENT: SEMCO
CLIENT JOB NO.: WONG YOUNG

DATE RECEIVED: 09/05/90
DATE REPORTED: 09/12/90

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

LAB #	Sample Identification	Concentration(ug/Kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	#1-350 W/O	ND<3	3	ND<3	6

ug/kg - parts per billion (ppb)

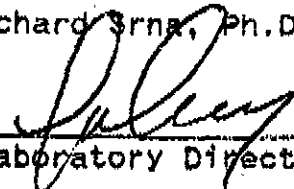
Minimum Detection Limit in Soil: 3.0ug/kg

QA/QC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 97%: Duplicate RPD = <3.3 %

Comments:

Richard Srna, Ph.D.


Laboratory Director

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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

LABORATORY NO.: 52447
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DATE RECEIVED: 09/05/90
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ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration (ug/Kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
2	#2-4KES	7	ND<3	4	ND<3
3	#3-4KWS	470	250	5700	9500
4	#4-4KWN	21	ND<3	130	29
5	#5-4KEN	1300	41000	49000	350000

mg/kg - parts per million (ppm)

Minimum Detection Limit in Soil: 3.0ug/kg

QA/QC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 97 % : Duplicate RPD = <3.1 %

Richard Srna, Ph.D.



Laboratory Director

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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 52447
CLIENT: SEMCO
CLIENT JOB NO.: WONG YOUNG

DATE RECEIVED: 09/05/90
DATE REPORTED: 09/12/90

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

LAB #	sample identification	Concentration (mg/Kg) Diesel Range
1	#1-350 W/O	ND<10

ug/kg - parts per billion (ppb)

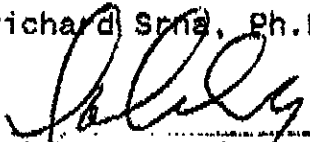
Minimum Detection Limit for Diesel in Soil: 10mg/kg

QAQC Summary:

Daily Standard run at 200mg/L:

MS/MSD Average Recovery = 111%; Duplicate RPD = 2 %

Richard Spragg, Ph.D.


Laboratory Director

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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

LABORATORY NO.: 52447
CLIENT: SEMCO
CLIENT JOB NO.: WONG YOUNG

DATE RECEIVED: 09/05/90
DATE REPORTED: 09/12/90

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/Kg) Gasoline Range
2	#2-4KES	2
3	#3-4KWS	610
4	#4-4KWN	5
5	#5-4KEN	4000

mg/kg - parts per million (ppm)

Minimum Detection Limit for Gasoline in Soil: 1mg/kg

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = 8 %

MS/MSD Average Recovery = 82%; Duplicate RPD = 4.03 %

Richard Song, Ph.D.


Laboratory Director

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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

LABORATORY NO.: 52447
CLIENT: SEMCO
CLIENT JOB NO.: WONG YOUNG

DATE RECEIVED: 09/05/90
DATE REPORTED: 09/12/90

ANALYSIS FOR TOTAL PETROLEUM OIL AND GREASE
by EPA Method 503E

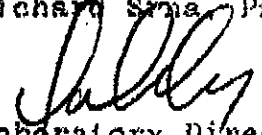
LAB #	Sample Identification	Concentration (mg/Kg) Total oil & grease
1	#1-350 W/O	38

mg/kg - parts per million (ppm)

Minimum Detection Limit for oil & grease in Soil: 20mg/kg

QAQC Summary:
Duplicate RPD = 13 %

Richard Sma, Ph.D.



Laboratory Director

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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

LABORATORY NO.: 52447
CLIENT: SEMCO
CLIENT JOB NO.: WONG YOUNG

DATE RECEIVED: 09/05/90
DATE REPORTED: 09/12/90

ANALYSIS FOR TOTAL LEAD by EPA Method 7420


I/LB #	Sample Identification	Concentration (mg/kg) Lead
1	#1-350 W/O	20

mg/kg = parts per million (ppm)

Minimum Detection Limit for Lead in Soil: 10 mg/kg

QA/QC Summary:
Spike Recovery = 97%
Duplicate RPD = 1

Richard Sina, Ph.D.


Laboratory Director

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