

S E M C O
1741 LESLIE STREET
SAN MATEO, CA 94402

DATE: 3-23-93

TO: Alameda County

Please find enclosed the soil analysis for:

1465. 65th Street
Emeryville

A final report containing manifests and sample locations will be forwarded to you after compilation of all receipts, documents and permits pertaining to this tank removal.

Sincerely, *[Signature]*



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 871 7123

SEMCO
Attn: CHUCK KIPER

Project RYERSON STEEL & ALUMINUM
Reported 03/18/93

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
56156- 1	WEST END 8'6"	03/11/93	03/17/93 Soil
56156- 2	EAST END 9'6"	03/11/93	03/17/93 Soil
56156- 3	COMP SPOILS	03/11/93	03/17/93 Soil
56156- 4	EXCAVATION PIT WATER	03/11/93	03/16/93 Water

RESULTS OF ANALYSIS

Laboratory Number: 56156- 1 56156- 2 56156- 3 56156- 4

Benzene:	ND<0.003	ND<0.003	ND<0.003	ND<0.3
Toluene:	ND<0.003	ND<0.003	0.007	ND<0.3
Ethyl Benzene:	ND<0.003	ND<0.003	ND<0.003	ND<0.3
Xylenes:	ND<0.009	ND<0.009	ND<0.009	ND<0.9
Diesel:	ND<10	ND<10	26	850

Concentration: mg/kg mg/kg mg/kg ug/L



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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: 56156

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

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

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

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

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

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Benzene:	80/80	0%	75-114
Toluene:	96/94	1%	78-114
Ethyl Benzene:	100/99	2%	76-120
Xylenes:	91/89	2%	71-117
Diesel:	84/87	4%	46-121

Richard Srna, Ph.D.

Richard Srna
Laboratory Director

Section I

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. _____

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

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

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

Send Coolers to : Modesto San Mateo
 Project No. / P.O. No. Ryerson Steel & Aluminum

Sampler SEMCO - PAT Vigil
 Regulatory Agency Alameda County

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	Pres.	
1 WEST END 8'6"	S		✓		✓						03/11	2:10	1		
2 EAST END 9'6"	S		✓		✓						03/11	2:20	1		
3 COMP Spoils	S		✓		✓						03/11	2:00	2		
4 EXCAVATION PIT WATER	W		✓		✓						03/11	1:45	4	VOA'S	APPROX 9' depth
5															
6															
7															
8															
9															
10															
11															
12															

Relinquished by <u>PAT Vigil</u>	Date/Time <u>3/11/03 7:45</u>	Received by <u>Charles K...</u>	Please Initial _____ Samples Stored in Ice <u>Yes</u> Appropriate Containers <u>Yes</u> Samples Preserved <u>Yes</u> VOA's without Headpiece <u>Yes</u> Comments _____
Organization <u>SEMCO</u>	Date/Time _____	Organization <u>SEMCO</u>	
Relinquished by _____	Date/Time _____	Received by _____	
Organization _____	Date/Time _____	Organization _____	
Relinquished by _____	Date/Time <u>3/11/03 10:40</u>	Received by <u>[Signature]</u>	
Organization _____	Date/Time _____	Organization <u>[Signature]</u>	