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Modesto, California 95351
(209) 524-9653
FAX (209) 524-0503

90 NOV -7 AM 10:51

1741 Leslie Street
San Mateo, California 94402
(415) 572-8033
FAX (415) 572-9734

SEMCO
James C. Bateman Petroleum Services Inc.
General Engineering and Environmental Contractor
License NO. 449864 A, B, C-61, D-40
(800) 533-9293

Date: November 2, 1990
To: Bill Owens
2221 Olympic Blvd.
Walnut Creek, CA 94595

Tank Removal Results

REGARDING:

Job Name: 41st and 40th Avenues
Job Location: Oakland, CA

WE ARE SENDING YOU THE FOLLOWING ITEMS:

- | | | | |
|-----------|--------------------------|-------------|-------------------------|
| <u>XX</u> | Laboratory Analysis | <u>XX</u> | Chain of Custody |
| <u>XX</u> | Hazardous Waste Manifest | <u> </u> | Tank Disposition Record |

Remarks: _____

Copy: Alameda County

Signed: *M. Hamilton*

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 81681
CLIENT: SEMCO
CLIENT JOB NO.: 40TH OAKLAND

DATE RECEIVED: 10/12/90
DATE REPORTED: 10/19/90

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

LAB #	Sample Identification	Concentration (mg/Kg) Diesel Range
1	#1-1KG	ND<10
2	#2-500W/0	650
3	#3-CSG	10
4	#4-WOCOMP	20

Method Detection Limit for Gasoline and Diesel in Soil: 10 mg/Kg

QAQC Summary:

Daily Standard run at 200mg/L: RPD Gasoline = 4
RPD Diesel = 6
MS/MSD Average Recovery = 103%: Duplicate RPD = 0

Richard Srna, Ph.D.

Dorena Srna
Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

SUPERIOR ANALYTICAL LABORATORIES, 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

DOHS #319
DOHS #220

LABORATORY NO.: 81681
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DATE RECEIVED: 10/12/90
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ANALYSIS FOR TOTAL OIL AND GREASE by Method 503E

LAB #	Sample Identification	Concentration(mg/Kg) Oil & Grease
2	#2-500W/O	4000
4	#4-WOCOMP	350

mg/kg - parts per million (ppm)

Method Detection Limit for Oil and Grease in Soil: 20mg/Kg

QAQC Summary: Duplicate RPD : 13

Richard Srna, Ph.D.

Dorana Srna Srna
Laboratory Manager

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DOHS #319
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LABORATORY NO.: 81681
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DATE RECEIVED: 10/12/90
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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
1	#1-1KG	3500	5500	43000	15000
2	#2-500W/O	ND<150	470	1200	8500
3	#3-CSG	ND<3	ND<3	ND<3	6
4	#4-WOCOMP	ND<3	ND<3	5	30

ug/Kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/Kg

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 109 %: Duplicate RPD = 2

Richard Srna, Ph.D.

Doreen Srna for
Laboratory Manager

SUPERIOR ANALYTICAL LABORATORIES, INC.

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DOHS #319
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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.: 81681
CLIENT: SEMCO
CLIENT JOB NO.: 40TH OAKLAND

DATE RECEIVED: 10/12/90
DATE REPORTED: 10/19/90

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

LAB #	Sample Identification	Concentration (mg/Kg) Gasoline Range
1	#1-1KG	1600
2	#2-500W/0	570
3	#3-CSG	4
4	#4-WOCOMP	2

mg/kg - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 1 mg/Kg

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = 5
MS/MSD Average Recovery = 113%: Duplicate RPD = 2

Richard Srna, Ph.D.

Dorena Srna for
Laboratory Manager

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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.: 81681
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CLIENT JOB NO.: 40TH OAKLAND

DATE RECEIVED: 10/12/90
DATE REPORTED: 10/19/90

ANALYSIS FOR CADMIUM, CHROMIUM, LEAD & ZINC
by EPA SW-846 Methods 7130, 7190, 7420, 7950 Respectively

LAB #	Sample Identification	Concentration (mg/Kg)			Zinc
		Cadmium	Chromium	Lead	
2	#2-500W/O	0.9	62	20	130
4	#4-WOCOMP	1.1	78	90	140

mg/kg - parts per million (ppm)

Handwritten notes:
STL=1.0 OK
OK
STL=25
OK
STL=250

Method Detection Limit for Cadmium in Soil: 0.2 mg/Kg
Method Detection Limit for Chromium in Soil: 2 mg/Kg
Method Detection Limit for Lead in Soil: 10 mg/Kg
Method Detection Limit for Zinc in Soil: 0.2 mg/Kg

QAQC Summary: MS/MSD Average Recovery : 117%
Duplicate RPD : 0

Richard Srna, Ph.D.

Dorena Srna for
Laboratory Manager

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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

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DATE RECEIVED: 10/12/90
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ANALYSIS FOR TOTAL NICKEL by SW-846 Method 7520

LAB #	Sample Identification	Concentration (mg/Kg) Total Nickel
2	#2-500W/O	90
4	#4-WOCOMP	140

STLC-320

OK

~~OK~~

mg/kg - parts per million (ppm)

Method Detection Limit for Nickel in Soil: 10 mg/Kg

QAQC Summary:

Duplicate RPD : 7

Richard Srna, Ph.D.

Dorena Srna *for*

Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

SEMCO**JAMES C. BATEMAN PETROLEUM SERVICES, INC.**431 W. Hatch Rd. Modesto, Calif. 95351
General & Engineering Contractors
(800) 533-9293
FAX (209) 524-0503

81681

SEMCO**JAMES C. BATEMAN PETROLEUM SERVICES, INC.**1741 Leslie St. San Mateo, Calif. 94402
General & Engineering Contractors
(415) 572-9033
FAX (415) 572-9734

CHAIN OF CUSTODY RECORD

PROJECT NAME: MOTOR PARTNERS 40 th Oakland						Number of Containers	Analysis Required						REMARKS
SAMPLERS (signature): Joe Skains SEMCO							TPH-G	TPH-D	BTEX	TOC	CAHC-8240	ICAP	
Station Number	Date	Time	Comp.	Grab	Station Location								
#1-1KG	10/12	1:20		✓	#1-1KG-E-10'	1	✓	✓					GASOLINE
#2-500g	10/12	1:30		✓	#2-500-W-O-W-8'	1	✓	✓	✓	✓	✓	✓	WASTE OIL
#3-1KG	10/12	1:20		✓	#3-1KG Comp.	2	✓	✓					GASOLINE
#4-500g	10/12	1:20		✓	#4-500 w/o Comp	2	✓	✓	✓	✓	✓	✓	WASTE OIL
Relinquished by (signature): Joe Skains Company or Agency: SEMCO		Date / Time 10-12-90 14:45		Received by (signature): Gordon Company or Agency: Express It		Relinquished by (signature): Gordon Company or Agency: Express It		Date / Time 10-12-90 15:38		Received by (signature): Company or Agency:			
Relinquished by (signature): Company or Agency:		Date / Time		Received by (signature): Company or Agency:		Relinquished by: Company or Agency:		Date / Time		Received by (signature): Company or Agency:			
Relinquished by (signature): Company or Agency:		Date / Time		Received for Laboratory by: (signature) P. Sankhala		Date / Time 10-12-90 15:38		Remarks/Shipping Information					