1996 waste oil UST removal

SEMCO/HK2, INC.

1751 LESLIE STREET • SAN MATEO, CA 94402 • (415) 572-8033 • (415) 572-9734 FAX

GENERAL ENGINEERING & ENVIRONMENTAL CONTRACTORS LICENSE NO. 719103 (A, B, C57, C61-D40, HAZ, ASB)

August 16, 1996

ref: 96-0222

Scott Seery
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
(510) 567-6700 phone
(510) 337-9335 fax

re: Tank removal at 16035 E. 14th St., San Leandro, California

Dear Scott Seery,

Enclosed is the analytical results for the site referenced above.

Please let us know if you have any questions.

Sincerely,

SEMCO/HK2, Inc.

Mark Dysert
Environmental Specialist

cc: Jerry and Mary Petsas

96-531.

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: HK2, INC	Phone: 572-8033	Report to: HK2, INC. / SEMCO	Turnaround Time
Mailing Address: 1751 Leslie St. SAN MATEO, CA 94402		Billing to: →	8 Hr ☐ 24 Hr ☐ 40 Hr ☐ 5 Days ☐
Site Address: 16035 E. 14th St, SAN LEANDRO		PO# / Billing Reference: 96-0222 PETSAS	Other ☐
Sampler: MARK DYSERT	Date: 7/29/96		

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	ANALYSIS REQUESTED: TPH-D	TPH-G	BTEX	O+G	ICAP 5 METALS	8010	8270	RCI		Remarks
1-285-WO@6.5'	SOIL	1 BRASS	1:40p, 7/29	X	X	X	X	X	X	X			
2-285-WO@9.5'	SOIL	1 BRASS	2:30p, 7/29	X	X	X	X	X	X	X			
3-SP-COMP	STOCKPILED SOIL	4 BRASS	3:40p, 7/29	X	X	X	X	X	X	X	X		

				Yes	No
Relinquished by: Mark Dysert	Date: 7/29/96 Time: 4:25	Received by: Edward C. Ramos			
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	✓	
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?	✓	

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No: 96-531
Client: Semco/HK2
Project: 16035 E.14th St., San Leandro

Date Sampled: 07-29-96
Date Extracted: 08-04-96
Date analyzed: 08-04-96

REACTIVE CYANIDE BY SW-846 CHAPTER 7, SEC. 7.3.3.2
REACTIVE SULFIDE BY SW-846 CHAPTER 7, SEC. 7.3.4.2
PH OF SOIL WASTES BY METHOD 9045
FLASHPOINT BY METHOD 1010 CLOSED CUP PENSKY-MARTENS

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-531-03	SP-Comp SOIL	CYANIDE	CH7 7.3.3.2	ND<10 mg/Kg
		SULFIDE	CH7 7.3.4.2	ND<5 mg/Kg
		PH	9045	8.5
		FLASHPOINT	1010	> 200 F

pH meter was calibrated using 3 buffer solutions from Spectrum Chemical Co., at pH 4,7, and 10.

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy, Laboratory Director

Stockpile
(for disposal)

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No: 96-531
Client: Semco/HK2
Project: 16035 E. 14th St., San LEandro

Date Sampled: 07-29-96
Date Extracted: 08-03-96
Date analyzed: 08-04-96

TTLC Metals by Atomic Absoption Spectrsocopy
Sample prepared by Method 3050

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-531-01	1-285-WO 6.5' Soil	Nickel	7520	42 mg/Kg
		Zinc	7950	49 mg/Kg
		Chromium	7190	39 mg/Kg
		Cadmium	7130	ND
		Lead	7420	ND
96-531-02	2-285-WO 9.5' Soil	Nickel	7520	42 mg/Kg
		Zinc	7950	46 mg/Kg
		Chromium	7190	41 mg/Kg
		Cadmium	7130	ND
		Lead	7420	ND
96-531-03	SP-Comp	Nickel	7520	41 mg/Kg
		Zinc	7950	92 mg/Kg
		Chromium	7190	39 mg/Kg
		Cadmium	7130	ND
		Lead	7420	44

Quality Contorol Quality Assurance Summary:

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Nickel	7520	5.0 mg.Kg	ND	87/95	3
Zinc	7950	1.0 mg/Kg	ND	95/94	4
Chromium	7190	5.0 mg/Kg	ND	87/92	1
Cadmium	7130	2.0 mg/Kg	ND	92/94	2
Lead	7420	2.0 mg/Kg	ND	100/102	2

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy, Laboratory Director

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North State Environmental
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CERTIFICATE OF ANALYSIS

JOB NO: 96-531
CLIENT: Semco/HK2
PROJECT ID: 16035 E. 14th st., San Leandro

DATE SAMPLED: 07-29-96
DATE EXTRACTED:07-30-96
DATE ANALYZED:07-30-96

8010 Volatile halogenated organics by GC/MS Method 8260

Laboratory Number	96-531-01	96-531-02	96-531-03
Client ID	1-285-wo @ 6.5	2-285-WO @ 9.5	SP-COMP
Matrix	SOIL	SOIL	SOIL
Analyte	Results	Results	Results
Chlormethane	ND<25	ND<25	
Vinyl Chloride	ND<25	ND<25	ND<25
Bromomethane	ND<25	ND<25	ND<25
Chloroethane	ND<25	ND<25	ND<25
Trichlorofluoroethane	ND<5	ND<5	ND<25
1,1-Dichloroethene	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5
trans-1,2-Dichloroethene	ND<5	ND<5	ND<5
1,1-Dichloroethane	ND<5	ND<5	ND<5
cis-1,2-Dichleoroethene	ND<5	ND<5	ND<5
Chloroform	ND<5	ND<5	ND<5
1,1,1-Trichloroethane	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5
1,2-Dichloroethane	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5
Bromodichloroethane	ND<5	ND<5	ND<5
trans-1,3-Dichloropropene	ND<5	ND<5	ND<5
cis-1,3-Dichloropropene	ND<5	ND<5	ND<5
1,1,2-Trichloroethane	ND<5	ND<5	ND<5
Tetrachloroethene	ND<5	ND<5	ND<5
Dibromobenzene	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5
1,1,2,2-Tetrachloroethane	ND<5	ND<5	ND<5
1,3-Dichlorobenzene	ND<5	ND<5	ND<5
1,4-Dichlorobenzene	ND<5	ND<5	ND<5
1,2-Dichloroethane	ND<5	ND<5	ND<5
Surrogate Recoveries			
1,2-Dichloroethane d4	92%	93%	93%
Toluene d8	94%	96%	94%
4-Bromofluorobenzene	92%	94%	94%

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CERTIFICATE OF ANALYSIS

JOB NO: 96-531
CLIENT: Semco/HK2
PROJECT ID: 16035 E. 14th st., San Leandro

DATE SAMPLED: 07-29-96
DATE EXTRACTED:07-30-96
DATE ANALYZED:07-30-96

8010 Volatile halogenated organics by GC/MS Method 8260
Quality Control/Quality Assurance Summary

Laboratory Number	96-531	MS/MSD
Client ID	Blank	Recoveries
Matrix	SOIL	SOIL
Analyte	Results	
Chlormethane	ND<25	
Vinyl Chloride	ND<25	
Bromomethane	ND<25	
Chloroethane	ND<25	
Trichlorofluoroethane	ND<5	
1,1-Dichloroethene	ND<5	106/101
Methylene Chloride	ND<5	
trans-1,2-Dichloroethene	ND<5	
1,1-Dichloroethane	ND<5	
cis-1,2-Dichleoroethene	ND<5	
Chloroform	ND<5	
1,1,1-Trichloroethane	ND<5	
Carbon Tetrachloride	ND<5	
1,2-Dichloroethane	ND<5	
Trichloroethene	ND<5	95/96
Bromodichloroethane	ND<5	
trans-1,3-Dichloropropene	ND<5	
cis-1,3-Dichloropropene	ND<5	
1,1,2-Trichloroethane	ND<5	
Tetrachloroethene	ND<5	
Dibromobenzene	ND<5	
Chlorobenzene	ND<5	124/104
1,1,2,2-Tetrachloroethane	ND<5	
1,3-Dichlorobenzene	ND<5	
1,4-Dichlorobenzene	ND<5	
1,2-Dichloroethane	ND<5	
Surrogate Recoveries		
1,2-Dichloroethane d4	92%	91/84
Toluene d8	94%	94/105
4-Bromofluorobenzene	92%	94/102

Reviewed and Approved

John Murphy, 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

JOB NO: 96-531
CLIENT: SEMCO
PROJECT NAME: E. 14th STREET
96-0222 PETSAS

DATE SAMPLED: 07-29-96
DATE EXTRACTED: 07-31-96
DATE ANALYZED: 07-31-96

BTXE AND GASOLINE RANGE ORGANICS BY
EPA METHOD 8020/5030 AND 8015 M
DIESEL RANGE HYDROCARBONS BY EPA METHOD 8015 M
TEPH (OIL AND GREASE) BY EPA METHOD 5520 F

Sample No.	Client ID	Analyte	Result	
96-531-01	1-285-WO	Benzene	ND	
	@ 6.5'	Toluene	ND	
	SOIL	Ethylbenzene	54 ug/Kg	0.54
		Xylenes	430 ug/Kg	4.3
		Gasoline	30 mg/Kg	
		Diesel	42 mg/Kg	
		TEPH (5520 F)	250 mg/Kg	TOE
96-531-02	2-285-WO	Benzene	ND	
	@ 9.5'	Toluene	ND	
	SOIL	Ethylbenzene	ND	
		Xylenes	9 ug/Kg	
		Gasoline	.62 mg/Kg	
		Diesel	ND	
		TEPH (5520 F)	17 mg/Kg	
96-531-03	3-SP-COMP	Benzene	ND	
	SOIL	Toluene	13 ug/Kg	
		Ethylbenzene	46 ug/Kg	
		Xylenes	40 ug/Kg	
		Gasoline	16 mg/Kg	
		Diesel	44 mg/Kg	
		TEPH (5520 F)	310 mg/Kg	

stockpile

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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

JOB NO: 96-531
CLIENT: SEMCO
PROJECT NAME:E. 14th STREET

DATE SAMPLED: 07-29-96
DATE EXTRACTED:07-30-96
DATE ANALYZED: 07-31-96

BTXE AND GASOLINE RANGE ORGANICS BY
EPA METHOD 8020/5030 AND 8015 M
DIESEL RANGE HYDROCARBONS BY EPA METHOD 8015M
TEPH (OIL AND GREASE) BY EPA METHOD 5520 F

Quality Control Quality Assurance Summary:Soil

Analyte	Method	Reporting limit		Blank	MS/MSD Recovery	RPD
Benzene	8020	5	ug/Kg	ND	AVG 88%	7
Toluene	8020	5	ug/Kg	ND	AVG 95%	6
Ethylbenzene	8020	5	ug/Kg	ND	AVG 105%	4
Xylenes	8020	10	ug/Kg	ND	AVG 104%	4
Gasoline	8015/5030	0.5	mg/Kg	ND	AVG 95%	2
Diesel	8015 M	1	mg/Kg	ND	AVG 102%	2
TEPH	5520 F	50	mg/Kg	ND	AVG 64%	28

ELAP CERTIFICATION NUMBER 1753

Reviewed and Approved by

John Murphy
Laboratory Director

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Superior Analytical Laboratory

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 199

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Chronology

Laboratory Number 2166

Sample ID		Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
96531-01	WO@6.5	07/29/96	07/30/96	07/30/96	07/31/96	CG302.24	01
96531-02	" " 9.5	07/29/96	07/30/96	07/30/96	07/31/96	CG302.24	02
96531-03	SP Comp	07/29/96	07/30/96	07/30/96	07/31/96	CG302.24	03

QC Samples

QC Batch #	QC Sample ID	TypeRef.	Matrix	Extract.	Analyzed
CG302.24-14	Method Blank	MB	Soil	07/30/96	07/30/96
CG302.24-15	Laboratory Spike	LS	Soil	07/30/96	07/30/96
CG302.24-16	Laboratory Spike Duplicate	LSD	Soil	07/30/96	07/30/96
CG302.24-21	31.3-SP2	MS 21667-01	Soil	07/30/96	07/31/96
CG302.24-22	31.3-SP2	MSD 21667-01	Soil	07/30/96	07/31/96

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
21669-01	96531-01	Soil	1.0	-
21669-02	96531-02	Soil	1.0	-
21669-03	96531-03	Soil	1.0	-

RESULTS OF ANALYSIS

Compound	21669-01 Conc. ug/Kg	RL	21669-02 Conc. ug/Kg	RL	21669-03 Conc. ug/Kg	RL
bis(2-chloroethyl)ether	ND	300	ND	300	ND	300
aniline	ND	300	ND	300	ND	300
phenol	ND	300	ND	300	ND	300
2-chlorophenol	ND	300	ND	300	ND	300
1,3-dichlorobenzene	ND	300	ND	300	ND	300
1,4-dichlorobenzene	ND	300	ND	300	ND	300
1,2-dichlorobenzene	ND	300	ND	300	ND	300
benzyl alcohol	ND	300	ND	300	ND	300
bis-(2-chloroisopropyl)ether	ND	300	ND	300	ND	300
2-methylphenol	ND	300	ND	300	ND	300
hexachloroethane	ND	300	ND	300	ND	300
n-nitroso-di-n-propylamine	ND	300	ND	300	ND	300
4-methylphenol	ND	300	ND	300	ND	300
nitrobenzene	ND	300	ND	300	ND	300
isophorone	ND	300	ND	300	ND	300
2-nitrophenol	ND	300	ND	300	ND	300
2,4-dimethylphenol	ND	300	ND	300	ND	300
bis(2-chloroethoxy)methane	ND	300	ND	300	ND	300
2,4-dichlorophenol	ND	300	ND	300	ND	300
1,2,4-trichlorobenzene	ND	300	ND	300	ND	300
naphthalene	ND	300	ND	300	ND	300
benzoic acid	ND	1500	ND	1500	ND	1500
4-chloroaniline	ND	300	ND	300	ND	300
hexachlorobutadiene	ND	300	ND	300	ND	300
4-chloro-3-methylphenol	ND	300	ND	300	ND	300
2-methyl-naphthalene	ND	300	ND	300	ND	300
hexaclorocyclopentadiene	ND	1500	ND	1500	ND	1500
2,4,6-trichlorophenol	ND	300	ND	300	ND	300
2,4,5-trichlorophenol	ND	300	ND	300	ND	300
2-chloronaphthalene	ND	300	ND	300	ND	300
2-nitroaniline	ND	300	ND	300	ND	300

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Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
21669-01	96531-01	Soil	1.0	-
21669-02	96531-02	Soil	1.0	-
21669-03	96531-03	Soil	1.0	-

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

Compound	21669-01 Conc. ug/Kg	RL	21669-02 Conc. ug/Kg	RL	21669-03 Conc. ug/Kg	RL
acenaphthylene	ND	300	ND	300	ND	300
dimethylphthlate	ND	300	ND	300	ND	300
2,6-dinitrotoluene	ND	300	ND	300	ND	300
Acenaphthene	ND	300	ND	300	ND	300
3-nitroaniline	ND	300	ND	300	ND	300
2,4-dinitrophenol	ND	1500	ND	1500	ND	1500
dibenzofuran	ND	300	ND	300	ND	300
2,4-dinitrotoluene	ND	300	ND	300	ND	300
4-nitrophenol	ND	300	ND	300	ND	300
fluorene	ND	300	ND	300	ND	300
4-chlorophenyl-phenylether	ND	300	ND	300	ND	300
diethylphthlate	ND	300	ND	300	ND	300
4-nitroaniline	ND	1500	ND	1500	ND	1500
4,6-dinitro-2-methylphenol	ND	300	ND	300	ND	300
n-nitrosodiphenylamine	ND	300	ND	300	ND	300
4-bromo-phenyl-phenylether	ND	300	ND	300	ND	300
hexachlorobenzene	ND	300	ND	300	ND	300
pentachlorophenol	ND	1500	ND	1500	ND	1500
phenanthrene	ND	300	ND	300	ND	300
anthracene	ND	300	ND	300	ND	300
di-n-butylphthlate	ND	300	ND	300	ND	300
fluoranthene	ND	300	ND	300	ND	300
benzidine	ND	1500	ND	1500	ND	1500
pyrene	ND	300	ND	300	ND	300
butylbenzylphthlate	ND	300	ND	300	ND	300
3.3'-dichlorobenzidine	ND	300	ND	300	ND	300
Benzo(a)Anthracene	ND	300	ND	300	ND	300
chrysene	ND	300	ND	300	ND	300
bis(2-ethylhexyl)phthalate	ND	300	ND	300	ND	300
di-n-octylphthalate	ND	300	ND	300	ND	300
Benzo(b)Fluoranthene	ND	300	ND	300	ND	300

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Analytical Laboratory

NORTH STATE ENVIRONMENTAL
Attn: JOHN MURPHY

Project
Reported on August 6, 1996

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
21669-01	96531-01	Soil	1.0	-
21669-02	96531-02	Soil	1.0	-
21669-03	96531-03	Soil	1.0	-

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

Compound	21669-01 Conc. ug/Kg	RL	21669-02 Conc. ug/Kg	RL	21669-03 Conc. ug/Kg	RL
Benzo(k)Fluoranthene	ND	300	ND	300	ND	300
Benzo(a)Pyrene	ND	300	ND	300	ND	300
Indeno(1,2,3)Pyrene	ND	300	ND	300	ND	300
dibenzo[a,h]anthracene	ND	300	ND	300	ND	300
9H-Carbazole	ND	300	ND	300	ND	300
Benzo(g,h,i)Perylene	ND	300	ND	300	ND	300
>> Surrogate Recoveries (%) <<						
2-fluorophenol	64		37		54	
phenol-d5	71		52		64	
nitrobenzene-d5	67		50		62	
2-fluorobiphenyl	71		64		70	
2,4,6-tribromophenol	90		83		89	
terphenyl-d14	71		67		73	

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EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669
Method Blank(s)

	CG302.24-14 Conc. ug/Kg	RL
dibenzofuran	ND	300
2,4-dinitrotoluene	ND	300
4-nitrophenol	ND	300
fluorene	ND	300
4-chlorophenyl-phenylether	ND	300
diethylphthlate	ND	300
4-nitroaniline	ND	1500
4,6-dinitro-2-methylphenol	ND	300
n-nitrosodiphenylamine	ND	300
4-bromo-phenyl-phenylether	ND	300
hexachlorobenzene	ND	300
pentachlorophenol	ND	1500
phenanthrene	ND	300
anthracene	ND	300
di-n-butylphthlate	ND	300
fluoranthene	ND	300
benzidine	ND	1500
pyrene	ND	300
butylbenzylphthlate	ND	300
3.3'-dichlorobenzidine	ND	300
Benzo(a)Anthracene	ND	300
chrysene	ND	300
bis(2-ethylhexyl)phthalate	ND	300
di-n-octylphthalate	ND	300
Benzo(b)Fluoranthene	ND	300
Benzo(k)Fluoranthene	ND	300
Benzo(a)Pyrene	ND	300
Indeno(1,2,3)Pyrene	ND	300
dibenzo[a,h]anthracene	ND	300
9H-Carbazole	ND	300
Benzo(g,h,i)Perylene	ND	300

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EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669
Method Blank(s)

CG302.24-14
Conc. RL
ug/Kg

>> Surrogate Recoveries (%) <<	
2-fluorophenol	70
phenol-d5	77
nitrobenzene-d5	77
2-fluorobiphenyl	79
2,4,6-tribromophenol	80
terphenyl-d14	78

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPI %
For Soil Matrix (ug/Kg) CG302.24 15 / 16 - Laboratory Control Spikes						
phenol		3300	2326/2196	70/67	26-90	4
2-chlorophenol		3300	2344/2212	71/67	25-102	6
1,4-dichlorobenzene		1650	1256/1177	76/71	28-104	7
n-nitroso-di-n-propylamine		1650	1382/1297	84/79	41-126	6
1,2,4-trichlorobenzene		1650	1335/1182	81/72	38-107	12
4-chloro-3-methylphenol		3300	2518/2219	76/67	26-103	13
Acenaphthene		1650	1379/1247	84/76	31-137	10
2,4-dinitrotoluene		1650	1140/1059	69/64	28-118	8
4-nitrophenol		3300	2235/1988	68/60	11-114	13
pentachlorophenol		3300	2434/2199	74/67	17-109	10
pyrene		1650	1566/1470	95/89	35-142	7
>> Surrogate Recoveries (%) <<						
2-fluorophenol				68/67	25-121	
phenol-d5				74/70	24-113	
nitrobenzene-d5				81/71	23-120	
2-fluorobiphenyl				77/73	30-115	
2,4,6-tribromophenol				90/89	19-122	
terphenyl-d14				89/84	18-137	
For Soil Matrix (ug/Kg) CG302.24 21 / 22 - Sample Spiked: 21667 - 01						
phenol	ND	3300	1941/1954	59/59	26-90	0
2-chlorophenol	ND	3300	2059/2113	62/64	25-102	3
1,4-dichlorobenzene	ND	1650	1041/1087	63/66	28-104	5
n-nitroso-di-n-propylamine	ND	1650	1125/1120	68/68	41-126	0
1,2,4-trichlorobenzene	ND	1650	1129/1169	68/71	38-107	4
4-chloro-3-methylphenol	ND	3300	2301/2314	70/70	26-103	0
Acenaphthene	ND	1650	1234/1284	75/78	31-137	4
2,4-dinitrotoluene	ND	1650	1219/1203	74/73	28-118	1
4-nitrophenol	ND	3300	2301/2357	70/71	11-114	1
pentachlorophenol	ND	3300	2122/2170	64/66	17-109	3

Superior Analytical Laboratory

EPA SW-846 Method 8270 Semivolatile Organics by GC/MS

Quality Assurance and Control Data

Laboratory Number: 21669

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
pyrene	ND	1650	1357/1195	82/72	35-142	13
>> Surrogate Recoveries (%) <<						
2-fluorophenol				56/57	25-121	
phenol-d5				65/65	24-113	
nitrobenzene-d5				64/66	23-120	
2-fluorobiphenyl				69/71	30-115	
2,4,6-tribromophenol				94/98	19-122	
terphenyl-d14				81/74	18-137	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

21661

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: NSE	Phone: 588-9652	Report to: J. MURPHY	Turnaround Time
Mailing Address: 90 S SPRUCE 'W' SSF CA 94080		Billing to:	8 Hr / 24 Hr / 40 Hr / 5 Days
Site Address: 16035 E. 14th ST.		PO# / Billing Reference: 96-531	Other: NORMAL TAT
Sampler: J. MURPHY	Date: 7/29/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G	8270				Remarks
96531-01	1-285-W0@6.5	1 9L	7/29/96					X				
2	2-285-W0@9.5	1 9L	↓					X				
3	SP COMP	1 9L	↓					X				

Please Initial: ___
Samples Stored in ice. ___
Appropriate containers ___
Samples preserved ___
VOA's without headspace ___
Comments: ___

(SOILS IN GLASS)

Relinquished by: [signature]	Date: 7/30/96 Time: 11:50	Received by: X [signature]		Yes	No
Relinquished by: [signature]	Date: 7/30/96 Time: 1205	Received by:	Were samples Preserved ?		✓
Relinquished by:	Date: 07/30/96 Time: 13:25	Received in lab by: [signature]	In good condition ?	✓	