

SCOTT CO.

MECHANICAL CONTRACTORS
1717 Decolite Drive
P.O. Box 5555
San Leandro, California 94577-0655
(510) 895-2333

Contractors License No. 184480

FAX TRANSMITTAL COVER SHEET

DATE: 3-31-98

TO: Robert Weston

COMPANY: ACEH

FAX NO.: 337-9335

FROM: Paul Ferreira EXT. 385

FAX: (510) 895-8426

REFERENCE: Analysis over Excavation
City of Alameda w/o Remote

NUMBER OF PAGES (INCLUDING THIS SHEET) 13

COMMENTS: _____

IF YOU DID NOT RECEIVE ALL PAGES OR THEY ARE NOT LEGIBLE, PLEASE CALL VICKI CASTO 510/895-2333, EXTENSION 375.



North State Environmental Analytical Laboratory

Phone: (415) 588-9652 Fax: (415) 588-1950

98-307

Chain of Custody / Request for Analysis
 Lab Job No.: _____ Page ____ of ____

Client: <i>Scott Company</i>	Report to: <i>Paul Ferreira</i>	Phone: _____	Turnaround Time: <i>Stand</i>
Mailing Address:	Billing to:	Fax: _____	Date: <i>3/19/98</i>
		PO# / Billing Reference:	Sampler: <i>G. Dawson</i>

Project / Site Address: *2040 Grand St. Alameda, Ca*

Analysis Requested

Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	Requested	600/BTEX/MTBE	Diesel	5 Metals	TEPH	8080-PCBS	8270-SNAs	8010-HVOCs	Comments/Hazards
<i>1</i>	<i>Stockpile-1</i>	<i>Avi</i>	<i>-</i>	<i>1:15pm 3-19-98</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>2</i>	<i>Spill Containment Pit</i>	<i>↓</i>	<i>↓</i>	<i>1:20pm 3-19-98</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	

Relinquished by: <i>Patomara</i>	Date: <i>3-19</i>	Time: <i>1:25</i>	Received by: <i>Gary Dawson</i>	Lab Comments
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date:	Time:	Received by:	



North State Environmental
 Chemical Waste Disposal - Trucking - Consulting

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

Lab Number: 98-307
 Client: Scott Company
 Project: 2040 Grand St, Alameda, CA

Date Reported: 03/30/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Diesel Range Hydrocarbons by Method 8015 M
 Total Extractable Petroleum Hydrocarbons by SM 5520 E & F
 Total Cd, Cr, Ni, Pb and Zn by AA Spectroscopy

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-307-01	Client ID: STOCKPILE-1			03/19/98	SOIL
					03/27/98
Cadmium	7130	ND			
Chromium	7190	18	mg/Kg		
Lead	7420	230	mg/Kg		
Nickel	7520	16	mg/Kg		
Zinc	7950	170	mg/Kg		
Gasoline	8015M	10	mg/Kg		03/30/98
Benzene	8020	ND			
Ethylbenzene	8020	0.02	mg/Kg		
MTBE	8020	* 0.1	mg/Kg		
Toluene	8020	ND			
Xylenes	8020	0.11	mg/Kg		03/26/98
TEPH	5520F	8900	mg/Kg		03/30/98
Diesel	8015M	49	mg/Kg		
Sample: 98-307-02	Client ID: SPILL CONT. PIT			03/19/98	SOIL
					03/27/98
Cadmium	7130	ND			
Chromium	7190	16 ✓	mg/Kg		
Lead	7420	104 ✓	mg/Kg		
Nickel	7520	ND			
Zinc	7950	525 ✓	mg/Kg		
Gasoline	8015M	170	mg/Kg		03/30/98
Benzene	8020	ND			

Remoth oil

* Confirmed by GC/MS Method 8260.



North State Environmental
 Chemical Waste Disposal • Tracking • Consulting

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

Lab Number: 98-307
 Client: Scott Company
 Project: 2040 Grand St, Alameda, CA

Date Reported: 03/30/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Diesel Range Hydrocarbons by Method 8015 M
 Total Extractable Petroleum Hydrocarbons by SM 5520 E & F
 Total Cd, Cr, Ni, Pb and Zn by AA Spectroscopy

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-307-02	Client ID: SPILL CONT. PIT			03/19/98	SOIL
Ethylbenzene	8020	0.2	mg/Kg		
MTBE	8020	* ND			
Toluene	8020	ND			
Xylenes	8020	1	mg/Kg		03/26/98
TEPH	5520F	3000	mg/Kg		03/30/98
Diesel	8015M	64	mg/Kg		

* Confirmed by GC/MS Method 8260.

Mar-31-98 09:40A

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North State Environmental
 Chemical Waste Disposal • Trucking • Consulting

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-307
 Client: Scott Company
 Project: 2040 Grand St, Alameda, CA

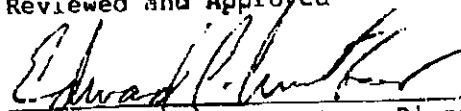
Date Reported: 03/30/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Diesel Range Hydrocarbons by Method 8015 M
 Total Extractable Petroleum Hydrocarbons by SM 5520 E & F
 Total Cd, Cr, Ni, Pb and Zn by AA Spectroscopy

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
TRPH	5520F	50	mg/Kg	ND	71	8
Cadmium	7130	2.0	mg/Kg	ND	97/96	1
Chromium	7190	5.0	mg/Kg	ND	94/83	13
Lead	7420	2.0	mg/Kg	ND	143/148	3
Nickel	7520	5.0	mg/Kg	ND	99/97	2
Zinc	7950	1.0	mg/Kg	ND	96/99	3
Gasoline	8015M	0.5	mg/Kg	ND	84	6
Benzene	8020	.005	mg/Kg	ND	86	25
Ethylbenzene	8020	.005	mg/Kg	ND	104	24
Toluene	8020	.005	mg/Kg	ND	96	25
Xylenes	8020	.010	mg/Kg	ND	105	19
MTBE	8020	.005	mg/Kg	ND	70	26
Diesel	8015M	1.0	mg/Kg	ND	102	2

ELAP Certificate NO:1753

Reviewed and Approved


 John A. Murphy, Laboratory Director

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North State Environmental
Chemical Waste Disposal - Trucking - Consulting

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

Job Number: 98-307
Client : Scott Company
Project : 2040 Grand St, Alameda, CA

Date Sampled : 03/19/98
Date Analyzed: 03/24/98
Date Reported: 03/30/98

Halogenated Volatile Organics by GC/MS Method 8260

Laboratory Number	98-307-01	98-307-02
Client ID	STOCKPILE-1	SPT#1 CONT.
Matrix	SOIL	SOIL
Analyte	ug/Kg	ug/Kg
Chloromethane	15	ND<25
Vinyl Chloride	ND<25	ND<25
Bromomethane	ND<25	ND<25
Chloroethane	ND<25	ND<25
Trichlorofluoromethane	ND<5	ND<5
1,1-Dichloroethane	ND<5	ND<5
Methylene Chloride	ND<5	ND<5
c-1,2-Dichloroethane	ND<5	ND<5
1,1-Dichloroethane	ND<5	ND<5
c-1,2-Dichloroethane	13	ND<5
Chloroform	ND<5	ND<5
1,1,1-Trichloroethane	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5
1,2-Dichloroethane	ND<5	ND<5
Trichloroethene	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5
E-1,3-Dichloropropene	ND<5	ND<5
c-1,3-Trichloropropene	ND<5	ND<5
1,1,2-Trichloroethane	ND<5	ND<5
Tetrachloroethene	54	ND<5
Dibromobenzene	ND<5	ND<5
Chlorobenzene	ND<5	ND<5
1,1,2,2-Tetrachloroethane	ND<5	ND<5
1,3-Dichlorobenzene	ND<5	ND<5
1,4-Dichlorobenzene	ND<5	ND<5
1,2-Dichlorobenzene	ND<5	ND<5
Trichlorotrifluoroethane	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<5
o,p-Dibromofluoromethane	1188 Rec	1328 Rec
o,p-Toluene d8	88 R Rec	99 R Rec
o,p-4-Bromofluorobenzene	84 R Rec	92 R Rec

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CERTIFICATE OF ANALYSIS

Job Number: 98-307

Client : Scott Company

Project : 2040 Grand St, Alameda, CA

Date Sampled : 03/19/98

Date Analyzed: 03/24/98

Date Reported: 03/30/98

Halogenated Volatile Organics by GC/MS Method 8260 Quality Control/Quality Assurance Summary

Laboratory Number	98-307	MS/MSD	RPD
Client ID	Blank	Recovery	
Matrix	SOL	SOL	
Analyte	Results ug/Kg	%Recovery	
Chloromethane	ND<5		
Vinyl Chloride	ND<5		
Bromomethane	ND<5		
Chloroethane	ND<5		
Trichlorofluoromethane	ND<5	104	2
1,1-Dichloroethene	ND<5		
Methylene Chloride	ND<5		
c-1,2-Dichloroethane	ND<5		
1,1-Dichloroethane	ND<5		
c-1,2-Dichloroethane	ND<5		
Chloroform	ND<5		
1,1,1-Trichloroethane	ND<5		
Carbon Tetrachloride	ND<5		
1,2-Dichloroethane	ND<5	105	11
Trichloroethene	ND<5		
Bromodichloromethane	ND<5		
t-1,2-Dichloropropene	ND<5		
c-1,2-Trichloropropene	ND<5		
1,1,2-Trichloroethane	ND<5		
Tetrachloroethane	ND<5		
Dibromobenzene	ND<5	117	11
Chlorobenzene	ND<5		
1,1,2,2-Tetrachloroethane	ND<5		
1,3-Dichlorobenzene	ND<5		
1,4-Dichlorobenzene	ND<5		
1,2-Dichlorobenzene	ND<5		
Trichlorotrifluoroethane	ND<5		
1,2-Dibromoethane	ND<5		
SUR Dibromofluoromethane	87 % Rec	113/103	9
SUR- Toluene d8	99 % Rec	109/109	0
SUR- 4-Bromofluorobenzene	95 % Rec	115/113	2

Reviewed and Approved

John A. Murphy
 Laboratory Director

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Mar-31-98 09:40A

MAR.-27'98(FRI) 19:03 CHROMALAB, INC.

TEL: 510 484 1096

P. 001

CHROMALAB, INC.

Environmental Services (SOE)

March 27, 1998

Submission #: 9803279

NORTH STATE ENVIRONMENTAL LABS

Atten: John Stetz

Project: Not provided
Received: March 19, 1998

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.
Method: SW846 Method 8270A Nov 1990

Client sample ID: STOCKPILE-1

SpI#: 176216

Matrix: SOIL

Extracted: March 25, 1998

Sampled: March 19, 1998

Run#: 11813

Analysed: March 27, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.50	N.D.	--	5
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	5
ACENAPHTHENE	N.D.	0.50	N.D.	86.3	5
FLUORENE	N.D.	0.50	N.D.	--	5
PHENANTHRENE	N.D.	0.50	N.D.	--	5
ANTHRACENE	N.D.	0.50	N.D.	--	5
FLUORANTHENE	N.D.	0.50	N.D.	--	5
PYRENE	N.D.	0.50	N.D.	84.6	5
BENZO (A) ANTHRACENE	N.D.	0.50	N.D.	--	5
CHRYSENE	N.D.	0.50	N.D.	--	5
BENZO (B) FLUORANTHENE	N.D.	0.50	N.D.	--	5
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	5
BENZO (A) PYRENE	N.D.	0.18	N.D.	--	5
INDENO (1, 2, 3-CD) PYRENE	N.D.	1.0	N.D.	--	5
DIBENZO (A, H) ANTHRACENE	N.D.	1.0	N.D.	--	5
BENZO (GHI) PERYLENE	N.D.	1.0	N.D.	--	5

Note: Reporting limits raised due to matrix interference.

Michael Lee
Chemist

Michael Verona
Operations Manager

Mar-31-98 09:41A

MAR. 27 98 (FRI) 19:04 CHROMALAB, INC.

TEL: 510 484 1096

P.002

CHROMALAB, INC.

Environmental Services (SES)

March 27, 1998

Submission #: 9803279

NORTH STATE ENVIRONMENTAL LABS

Atten: John Stetz

Project: Not provided
Received: March 19, 1998

re: One sample for Polynuclear Aromatic Hydrocarbons (PAHs) analysis.
Method: SW846 Method 8270A Nov 1990

Client Sample ID: SPILL CONTAINER PIT

Spl#: 176217

Matrix: SOIL

Extracted: March 25, 1998

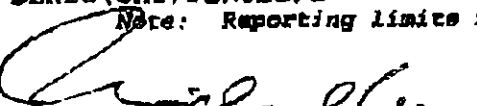
Sampled: March 19, 1998


Run#: 11813

Analyzed: March 27, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
NAPHTHALENE	N.D.	0.50	N.D.	--	
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	
ACENAPHTHENE	N.D.	0.50	N.D.	86.3	
FLUORENE	N.D.	0.50	N.D.	--	
PHENANTHRENE	N.D.	0.50	N.D.	--	
ANTHRACENE	N.D.	0.50	N.D.	--	
FLUORANTHENE	0.72	0.50	N.D.	--	
PYRENE	N.D.	0.50	N.D.	84.6	
BENZO (A) ANTHRACENE	N.D.	0.50	N.D.	--	
CHRYSENE	N.D.	0.50	N.D.	--	
BENZO (B) FLUORANTHENE	N.D.	0.50	N.D.	--	
BENZO (K) FLUORANTHENE	N.D.	1.0	N.D.	--	
BENZO (A) PYRENE	N.D.	0.18	N.D.	--	
INDENO (1, 2, 3-CD) PYRENE	N.D.	1.0	N.D.	--	
DIBENZO (A, H) ANTHRACENE	N.D.	1.0	N.D.	--	
BENZO (GHI) PERYLENE	N.D.	1.0	N.D.	--	

Note: Reporting limits raised due to matrix interference.


Michael Lee
Chemist


Michael Verona
Operations Manager

Mar-31-98 09:41A

MAR.-30.98(NON) 15:09 CHROMALAB, INC.

TEL: 510 484 1096

P. 001

CHROMALAB, INC.

Environmental Services (SDB)

March 30, 1998

Submission #: 9803279

NORTH STATE ENVIRONMENTAL LABS

Atten: John Stetz

Project: Not provided
Received: March 19, 1998re: One sample for Polychlorinated Biphenyls (PCBs) analysis.
Method: SW846 Method 8080A Sept 1994

Client Sample ID: STOCKPILE-1

Spl#: 176216

Matrix: SOIL

Extracted: March 23, 1998

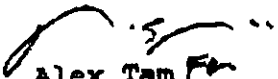
Sampled: March 19, 1998


Run#: 11774

Analyzed: March 24, 1998

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
AROCLOR 1016	N.D.	0.33	N.D.	97.6	10
AROCLOR 1221	N.D.	0.33	N.D.	--	10
AROCLOR 1232	N.D.	0.33	N.D.	--	10
AROCLOR 1242	N.D.	0.33	N.D.	--	10
AROCLOR 1248	N.D.	0.33	N.D.	--	10
AROCLOR 1254	N.D.	0.33	N.D.	--	10
AROCLOR 1260	N.D.	0.33	N.D.	100	10

Note: Reporting limit raised due to matrix effect.


 Alex Tam
 Chemist


 Michael Verona
 Operations Manager

Mar-31-98 09:41A

P.11

MAR. 30 '98 (MON) 15:09 CHROMALAB, INC.

TEL: 510 484 1096

P.002

CHROMALAB, INC.

Environmental Services (SES)

March 30, 1998

Submission #: 9803279

NORTH STATE ENVIRONMENTAL LABS

Atten: John Stetz

Project: Not provided
Received: March 19, 1998

re: One sample for Polychlorinated Biphenyls (PCBs) analysis.
Method: SW846 Method 8080A Sept 1994

Client Sample ID: SPILL CONTAINER PIT

Spl#: 176217

Matrix: SOIL

Extracted: March 23, 1998

Sampled: March 19, 1998


Run#: 11774

Analyzed: March 24, 1998

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
AROCLOR 1016	N.D.	0.33	N.D.	97.6	10
AROCLOR 1221	N.D.	0.33	N.D.	--	10
AROCLOR 1232	N.D.	0.33	N.D.	--	10
AROCLOR 1242	N.D.	0.33	N.D.	--	10
AROCLOR 1248	N.D.	0.33	N.D.	--	10
AROCLOR 1254	N.D.	0.33	N.D.	--	10
AROCLOR 1260	N.D.	0.33	N.D.	108	10

Note: Reporting limit raised due to matrix interference.


Alex Tam
Chemist


Michael Verona
Operations Manager

Mar-31-98 09:41A

P. 12

MAR. 30 98 (MON) 15:09 CHROMALAB, INC.

TEL: 510 484 1096

P. 003

CHROMALAB, INC.

Environmental Services (SDS)

March 30, 1998

Submission #: 9803279

NORTH STATE ENVIRONMENTAL LABS

Atten: John Stetz

Project: Not provided
Received: March 19, 1998re: **Blank spike and duplicate report for Polychlorinated Biphenyls (PCBs) analysis.**

Method: SW846 Method 8080A Sept 1994

Matrix: SOIL
Lab Run#: 11774

Analyzed: March 24, 1998

Analyte	Spike Amount		Spike Amount Found		Spike Recov		Control %	% RPD
	BSP	Dup	BSP	Dup	BSP	Dup		
	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(%)	(%)	Limit	RPD
AROCLOR 1016	66.7	66.7	65.1	60.7	97.6	91.0	65-135	7.00 30
AROCLOR 1260	66.7	66.7	72.0	65.1	108	97.6	65-135	10.1 30

BS Sept #1 176729
ASD Sept #: 1767301220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

FORM NO. 100-102-11

Mar-31-98 09:41A

MAR. 30 98 (MON) 15:09 CHROMALAB, INC.

TEL: 510 484 1096

P.004

CHROMALAB, INC.

Environmental Services (SES)

March 30, 1998

Submission #: 9803279

NORTH STATE ENVIRONMENTAL LABS

Atten: John Stetz

Project: Not provided
Received: March 19, 1998re: Surrogate report for 2 samples for Polychlorinated Biphenyls
(PCBs) analysis.Method: SW846 Method 8080A Sept 1994
Lab Run#: 11774
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	Recovered	% Recovery	Limits
176216-1	STOCKPILE 1	S1 2,4,5,6-TETRACHLOROXYL	126	65-135	
176216-1	STOCKPILE-1	S2 DECACHLOROBIPHENYL	99.9	65-135	
176217-1	SPILL CONTAINER PIT	S1 2,4,5,6-TETRACHLOROXYL	343	65-135	
176217-1	SPILL CONTAINER PIT	S2 DECACHLOROBIPHENYL	118	65-135	

Sample#	QC Sample Type	Surrogate	Recovered	% Recovery	Limits
176728-1	Reagent blank (MDB)	S1 2,4,5,6-TETRACHLOROXYL	89.0	65-135	
176728-1	Reagent blank (MDB)	S2 DECACHLOROBIPHENYL	111	65-135	
176729-1	Spiked blank (BSP)	S1 2,4,5,6-TETRACHLOROXYL	92.9	65-135	
176729-1	Spiked blank (BSP)	S2 DECACHLOROBIPHENYL	104	65-135	
176730-1	Spiked blank duplicate (BSD)	S1 2,4,5,6-TETRACHLOROXYL	83.1	65-135	
176730-1	Spiked blank duplicate (BSD)	S2 DECACHLOROBIPHENYL	104	65-135	
176731-1	Matrix spike (MS)	S1 2,4,5,6-TETRACHLOROXYL	83.2	65-135	
176731-1	Matrix spike (MS)	S2 DECACHLOROBIPHENYL	88.5	65-135	
176732-1	Matrix spike duplicate (MSD)	S1 2,4,5,6-TETRACHLOROXYL	80.3	65-135	
176732-1	Matrix spike duplicate (MSD)	S2 DECACHLOROBIPHENYL	94.1	65-135	

SES Form 1229 LINDA 30-MAR-98 11:5